8 Port DC IPower Switch

User Manual	*English*
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Manuel Utilisateur	*Français*
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Instrukcja obsługi	*Polski*

No.32616

lindy.com

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Introduction

Thank you for purchasing the 8 Port DC IPower Switch. This product has been designed to provide trouble free, reliable operation. It benefits from both a LINDY 3 year warranty and free lifetime technical support. To ensure correct use, please read this manual carefully and retain it for future reference.

This IPower Switch is designed for power control and monitoring via TCP/IP to provide convenient remote control power management. System administrators can control the power to multiple devices with output voltages of 5/9/12/24V per port, allowing power-on and off functions with power consumption monitoring via a simple to use web GUI, RS-232 or API commands. In addition, two sensor ports can be used for connecting external environment sensors.

Safety Instructions

! WARNING !



Please read the following safety information carefully and always keep this document with the product.
Failure to follow these precautions can result in serious injuries or death from electric shock, fire or damage to the product.

This device has a switching type power supply and can work with supply voltages in the range 100…240 VAC.

Touching the internal components or a damaged cable may cause electric shock, which may result in death.
To reduce risk of fire, electric shocks or damage:

- Do not open the product. There are no user serviceable parts inside.
- Only qualified servicing personnel may carry out any repairs or maintenance.
- Never use damaged cables.
- Do not expose the product to water or places of moisture.
- Do not use this product outdoors it is intended for indoor use only.
- Do not place the product near direct heat sources. Always place it in a well-ventilated place.
- Do not place heavy items on the product or the cables.
- Please ensure any cables are firmly secured and locked in place before inserting into a power socket

Safety and Health Information: LINDY products are designed for safe, effective use. Please review this guide for essential safety, health information, and details on the Limited Warranty for your product. Following these setup, usage, and care instructions enhances comfort, productivity, and safety. Failure to adhere to these guidelines may result in electric shock, fire, serious injury, or damage to the product or property. Additional support is available at lindy.com.
Warning: Keep out of reach of children. LINDY products and accessories are not toys and should not be handled by young children, as they may cause injury or damage
Suffocation Hazard: For products containing or supplied in plastic bags, keep bags away from babies and children to prevent suffocation.
Power Supply Safety: Applies to products using an AC power supply. Use only the original or compatible AC power supply specified for your product. Failure to follow this guidance may result in electric shock, fire, serious injury, or product damage.
Proper Usage: Keep the device away from moisture, including rain, snow, or water, and avoid placing it near heat sources, food, excessive dirt, dust, oil, chemicals, or direct sunlight. For devices with ports, avoid inserting objects, allowing dust to accumulate, or using heat sources like hair dryers or microwaves to dry it. If the device becomes wet, gently wipe the exterior with a dry cloth.

High-Risk Use: This product is not intended for applications where failure could lead to death, serious injury, or significant environmental harm (“high-risk use”). Use in such applications is solely at your own risk.
Explosive Atmospheres: Do not store or transport flammable or explosive materials alongside this product or its accessories. Always unplug and power off the product, and avoid charging in areas with potentially explosive atmospheres.
Cable Connectors and Ports: To prevent shock or fire when using connectors with a power supply, avoid contact during use. Keep connectors free from moisture, dirt, and contaminants. Discontinue use and contact support if any connector appears damaged.
Cleaning: To minimize risks of fire, electric shock, or product damage, unplug all cables and power off the device and accessories before cleaning. Use a dry cloth to clean the exterior only. Avoid inserting objects into ports, and do not immerse connectors in liquids; instead, wipe and dry them thoroughly.
Risk in Repairs: Attempting to open or repair this product may expose you to risks of electric shock, fire, or injury. LINDY strongly recommends using professional repair services, as unauthorized repairs may void your warranty.
CAUTION
Skin Irritation: This product contains materials commonly used in electronics that may cause skin irritation for some users. To reduce this risk, clean your device regularly, avoid applying lotions near contact areas, and discontinue use if irritation occurs. Consult your health care provider if symptoms persist.
Cable Safety: Exposed cables can pose a tripping hazard. Arrange cables to prevent tripping or pulling risks and protect them from crushing, sharp bends, and heat exposure. Regularly inspect cables and discontinue use if damaged. Unplug cables during lightning storms or for long-term storage.
NOTICE
Heat-Related Concerns: The product may become warm during regular use. Avoid prolonged skin contact, ensure adequate ventilation, and use in well-circulated areas to prevent overheating and discomfort.
Personal Medical Devices: Electronic emissions and magnetic fields from LINDY products may unintentionally interfere with medical devices, despite regulatory compliance. If you suspect interference, turn off the product immediately. For guidance on using electronic devices nearby, consult the manufacturer of your medical device or your healthcare provider.
Handling: Handle your LINDY product with care. The product may be damaged if dropped, punctured, or exposed to liquid. If damage is suspected, stop using the product to prevent potential hazards.

Package Contents

- 8 Port DC IPower Switch
- 8x 2-pin phoenix male adapters
- Mounting kit with 2x brackets and screws
- RS232 3-pin to DB9 Female cable, 1.35m
- Schuko, UK, US and AU to IEC C13 power cables, 1.8m
- 4x rubber feet
- Lindy manual

Features

- 8x DC 2-pin output ports for the devices
- Support 4 levels of optional output voltage (5/9/12/24V), up to 30 or 36W per port
- IEC C14 10A power input
- Power control, voltage, current and power consumption metering
- Management via web GUI, RS-232, APIs and front panel buttons
- Telnet, Modbus TCP, SSH, SNMP, Watchdog and MQTT protocols supported
- 2x redundant RJ-45 network ports
- 2x RJ-45 sensor ports
- Overload and wiring error protection and remote login verification
- Supports many security, network and IoT protocols

Specification

- Power supply: 100-240V 50/60Hz 10A
- No-load power consumption: 2.6W
- Output power (outlet): max. 36W (at 5V up to 30W)
- LED Indicators
- Input Voltage Range: 100~240V (90~264V by setting the voltage threshold)
- Input Current Range: 0~10A
- Input Frequency Range: 45~65Hz
- Operating Temperature: -5–55°C (23°F–131°F)
- Storage Temperature: -20–70°C (-4°F–158°F)
- Relative Humidity: 0–95% (non-condensing)

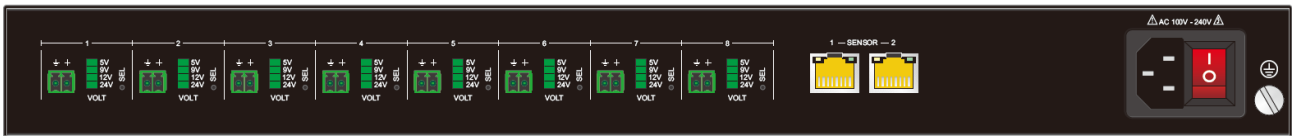
Installation

Front



- POWER LED: Green: power on, Red: standby.
- BUTTON 1-8: manually power management for each outlet port.
  LED status:
  Blue: power On
  Flashing blue: port initialization before power On
  Red: outlet port is overloaded
  Flashing red: outlet port is detecting the load
- RS232: connect to a PC, serial controller or serial device via a phoenix block 3-way connection for the pass-through transmission of RS-232 and API commands.
- TCP/IP 1-2: two redundant RJ-45 ports for network connection, control and to have access to the web GUI control.

Rear



- OUTLET 1-8: 2-pin phoenix 3.81mm ports to power the connected devices.
  VOLT LEDs show the output voltage 5/9/12/24V on each port (default 5V).
  SEL pin-poke button to switch the output voltage on each port.
- SENSOR 1-2: two RJ-45 ports for connecting external sensors, port status LEDs Green: connection active, Yellow: data transfer.
- AC 100V~240V: IEC C14 input port to power the unit (AC 100V~240V 10A) with ON/OFF switch.
- GROUND: screw ground terminal.

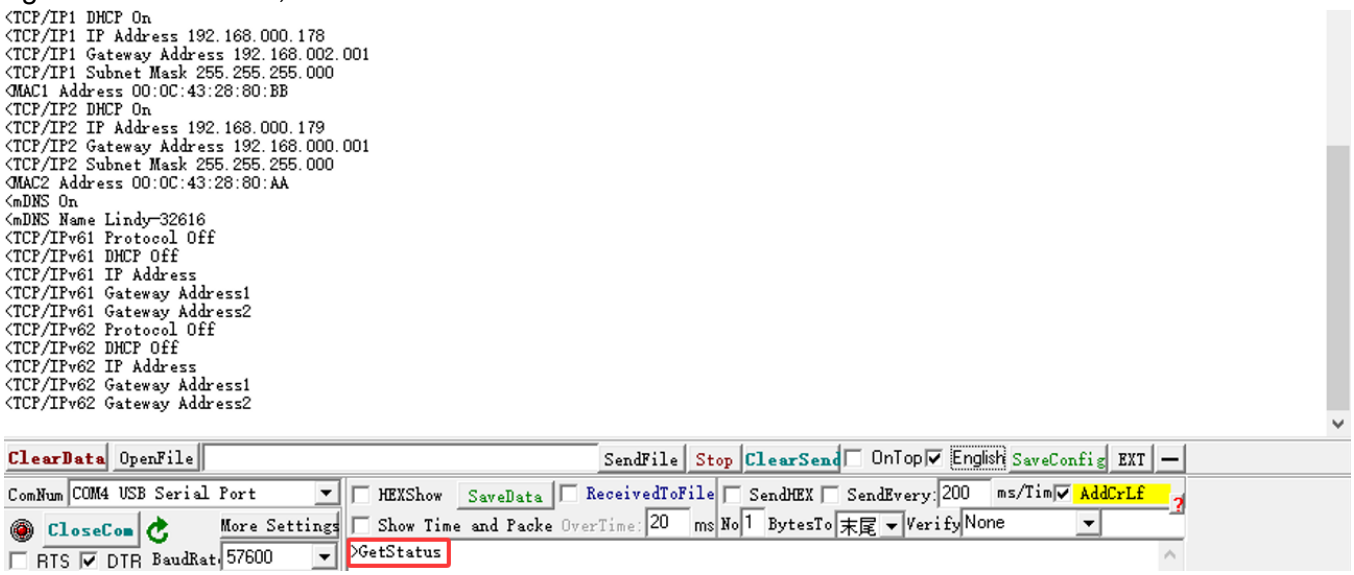
Connect all the devices to the OUTLET ports, then switch on the unit and the devices.

Operation

Web GUI

Connect the TCP/IP RJ-45 port to the local network or connect directly to TCP/IP 1 port. By default the unit is set to DHCP mode. To obtain automatically the dynamically-assigned IP address, connect the unit to a DHCP-enabled network.

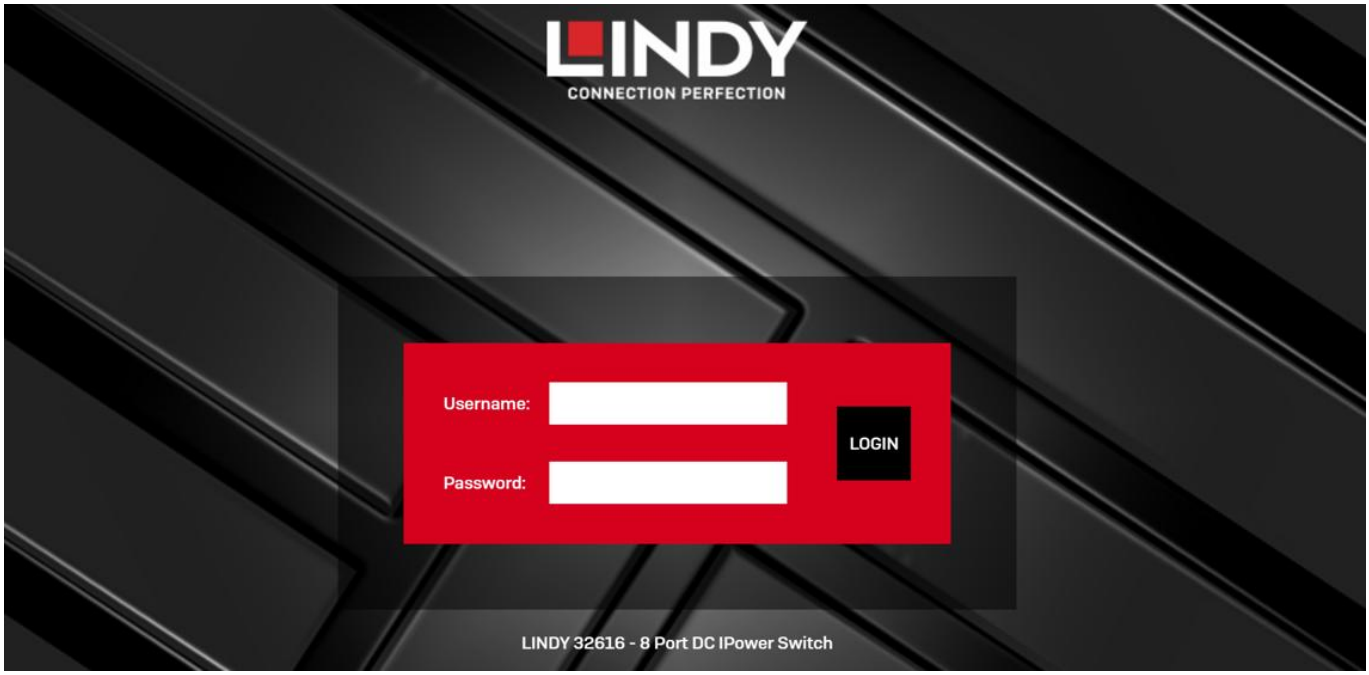
Is possible to obtain the current IP address also connecting the unit to the RS232 port and send the >getstatus command, as shown in the screenshot below:



If there is no DCHP server such as a router in the network, the unit will fall back to the following default IP settings on Port 1:

Port 1: 192.168.0.178
Subnet Mask 1: 255.255.255.0
Gateway: 192.168.0.1
Telnet port: 4001

Type the IP Address in the browser to open the login page.



Default Username: admin
Default Password: aP?y43Tq
Type the default username and the password, then click **LOGIN**.

Important: Change the Default Password Immediately

To protect your product and personal data, you must change the default password as soon as possible after setup.

This product complies with the UK Product Security and Telecommunications Infrastructure (PSTI) Regulation, which requires that all default passwords are unique or generated per device. However, to maintain the highest level of security, it is essential that you set your own strong and memorable password.

How to Change Your Password:

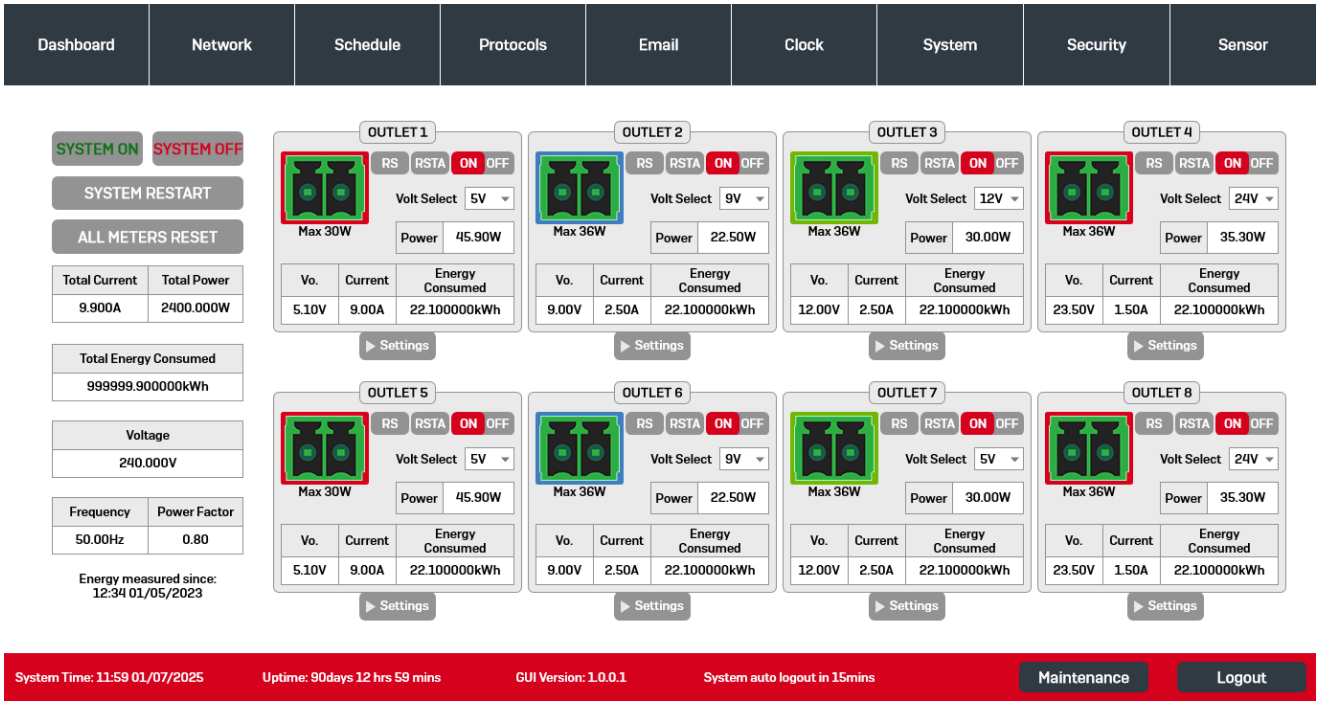
1. Power on the device and connect to it using the web interface.
2. Log in using the default credentials as above.
3. Navigate to Security > Web-GUI login pass.
4. Enter the current password, the new password twice and then confirm.
5. Save your changes and log in again using the new password.

Tips for a Strong Password:

- Use at least 8 characters (we recommend 12+)
- Include uppercase and lowercase letters
- Add numbers and special characters (!, @, #, etc.)
- Avoid common words or personal information

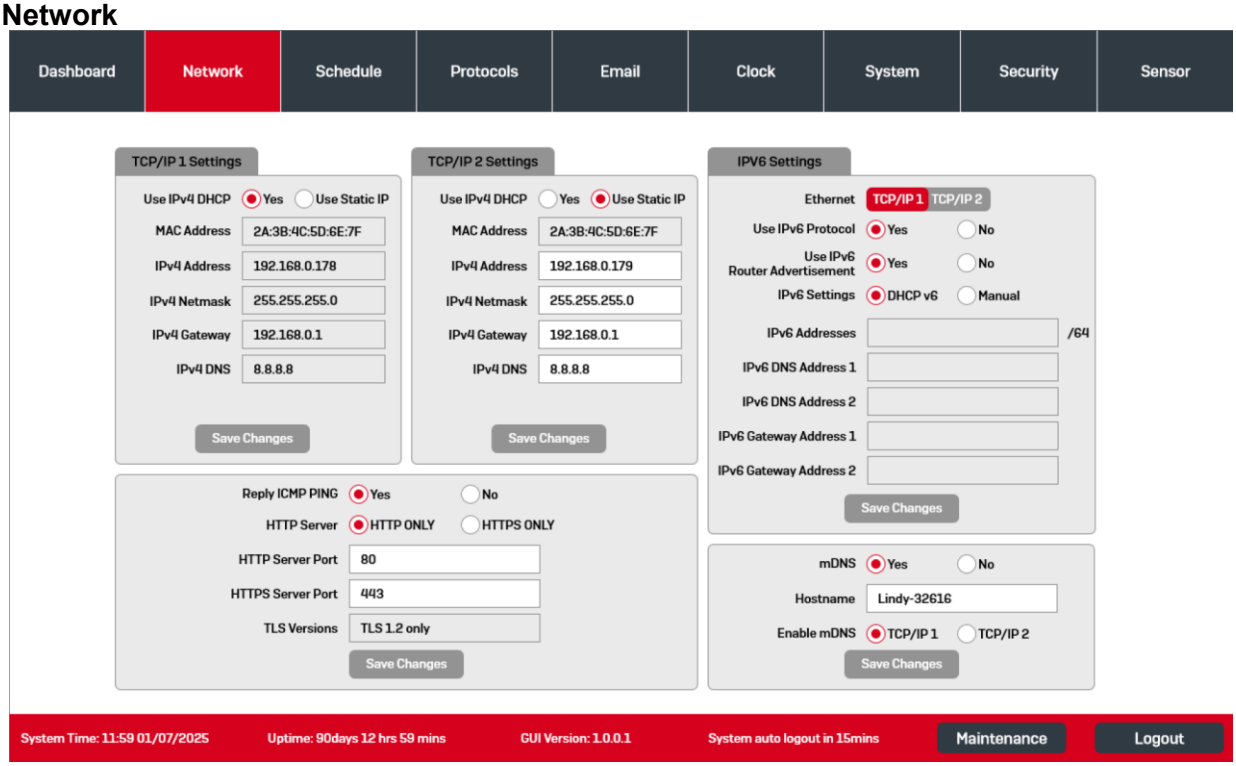
Failure to change the default password may expose your device to security risks. If you need assistance, please contact our customer support team.

Dashboard



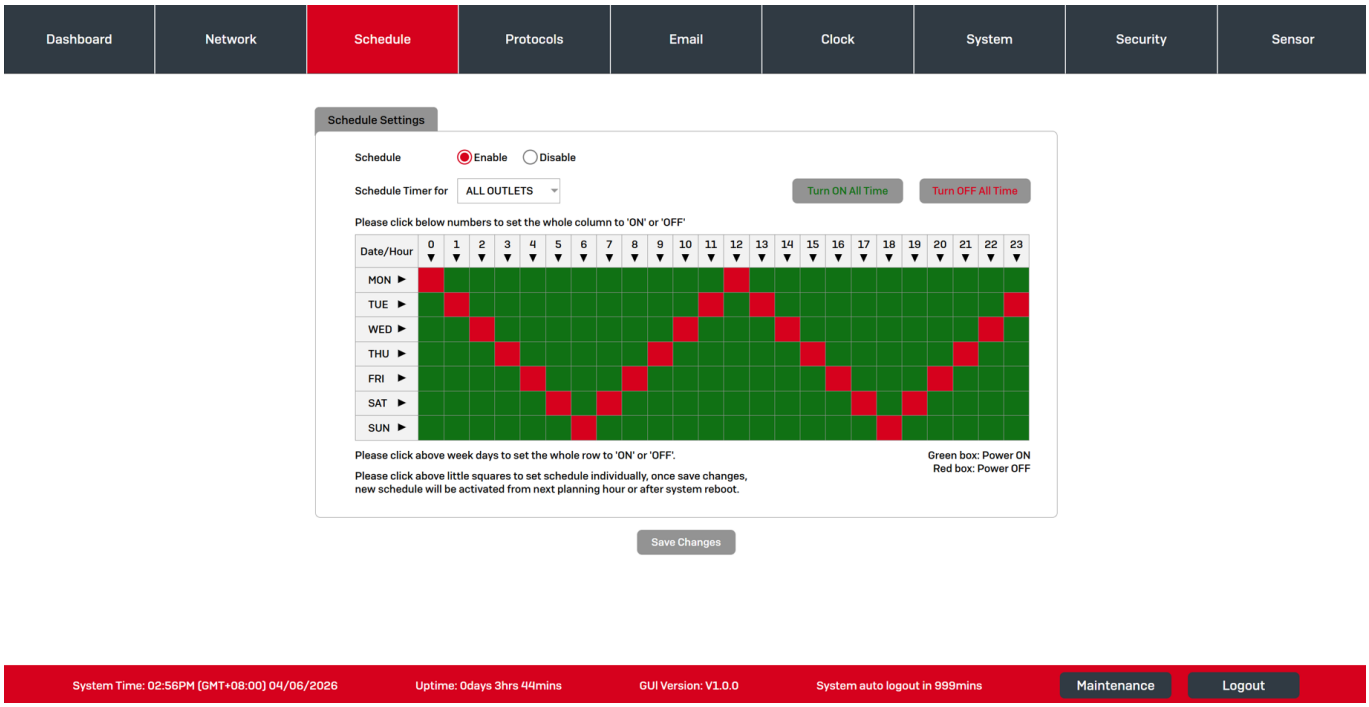
- **ALL ON/ALL OFF:** power on/off all the 8 outlets.
- **SYSTEM RESTART:** restart the unit.
- **ALL METERS RESET:** reset the meters of the 8 outlets.
- **OUTLET 1-8**
  RS: reset the energy consumed.
  RSTA: restart.
  ON/OFF: power on/off.
  VOLT SELECT: switch the output voltage.
  SETTINGS: rename the Outlet, set re-power and power-off delays, set meters reset duration and set positive voltage shift if the output terminal voltage is low.
  SAVE CHANGES: click to save the Outlet settings.

Network



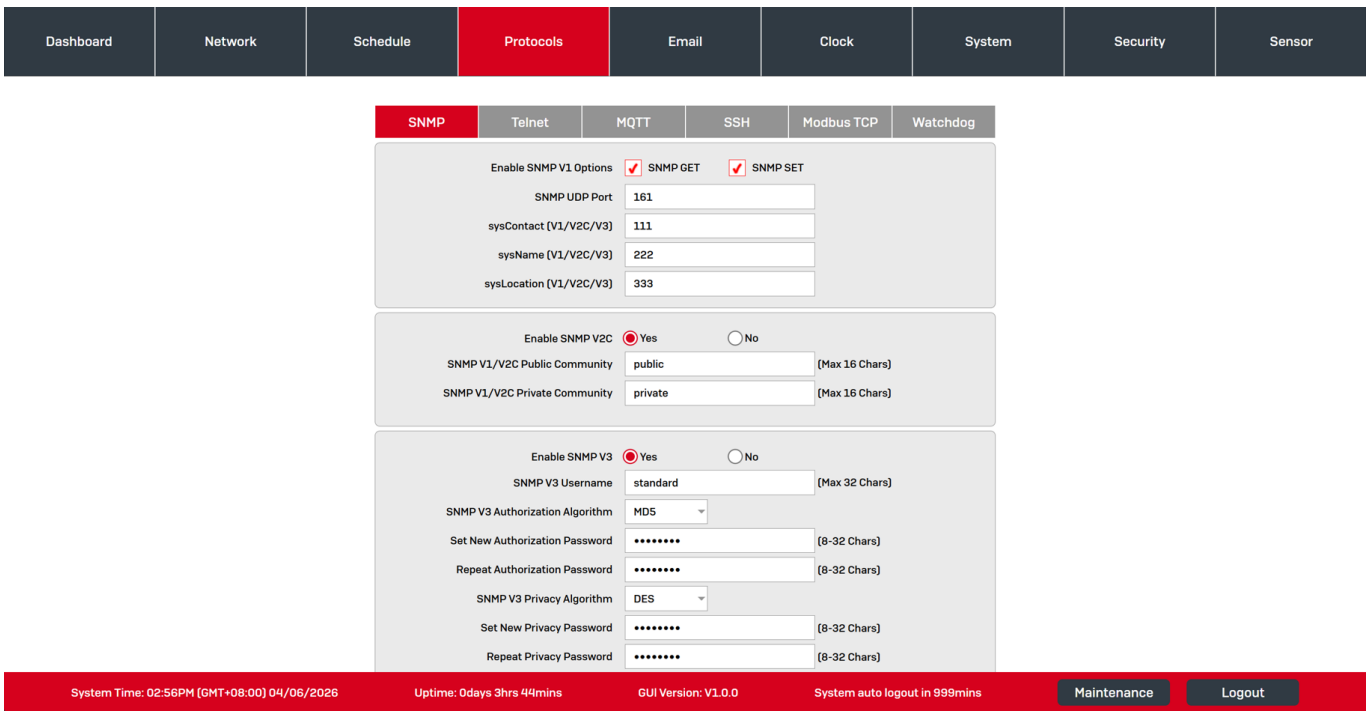
Network settings, IPv4 and IPv6 for both TCP/IP ports, PING on/off, HTTP server and mDNS.

Schedule



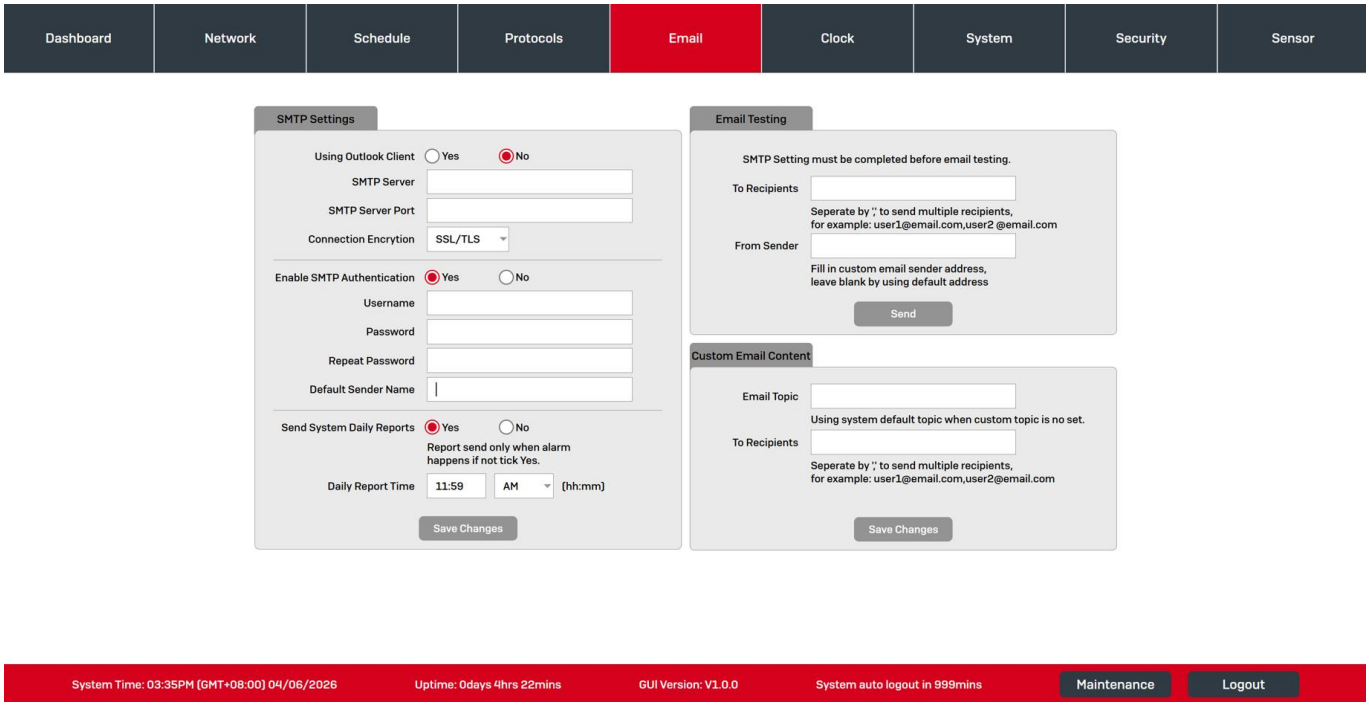
Select the outlets and schedule the on/off status by days and hours (green is on, red is off).

Protocols



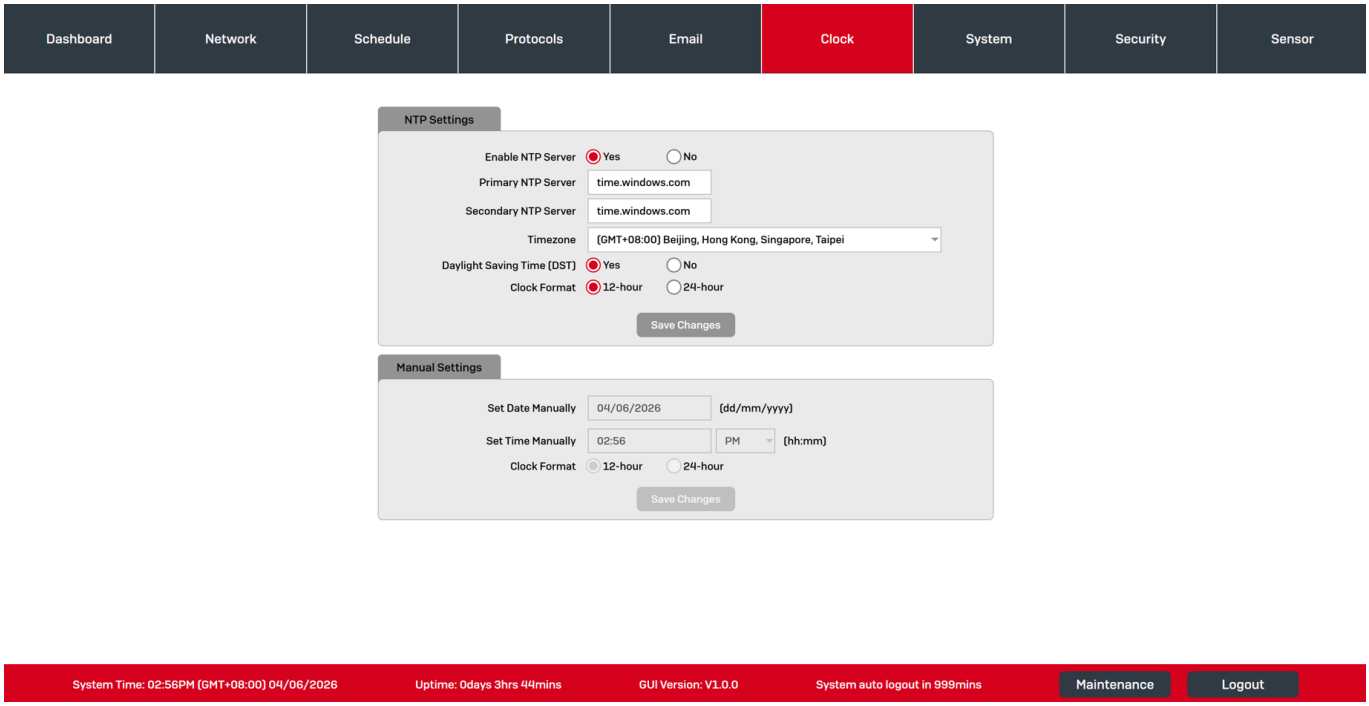
Select the protocols available between SNMP, Telnet, MQTT, SSH, Modbus TCP and Watchdog to establish the needed connection. Each window provides the configuration of the protocol selected.

Email



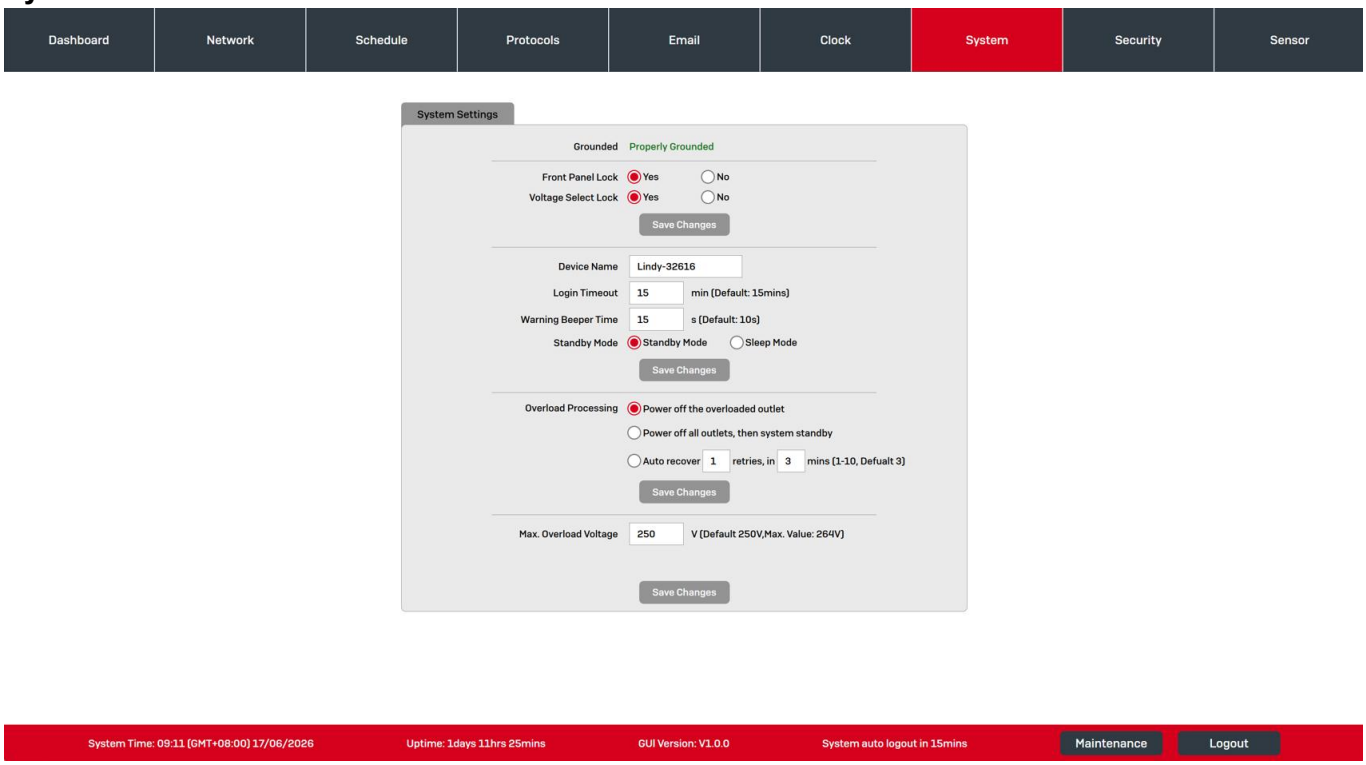
Setup the Email server and account to receive warnings and reports.

Clock



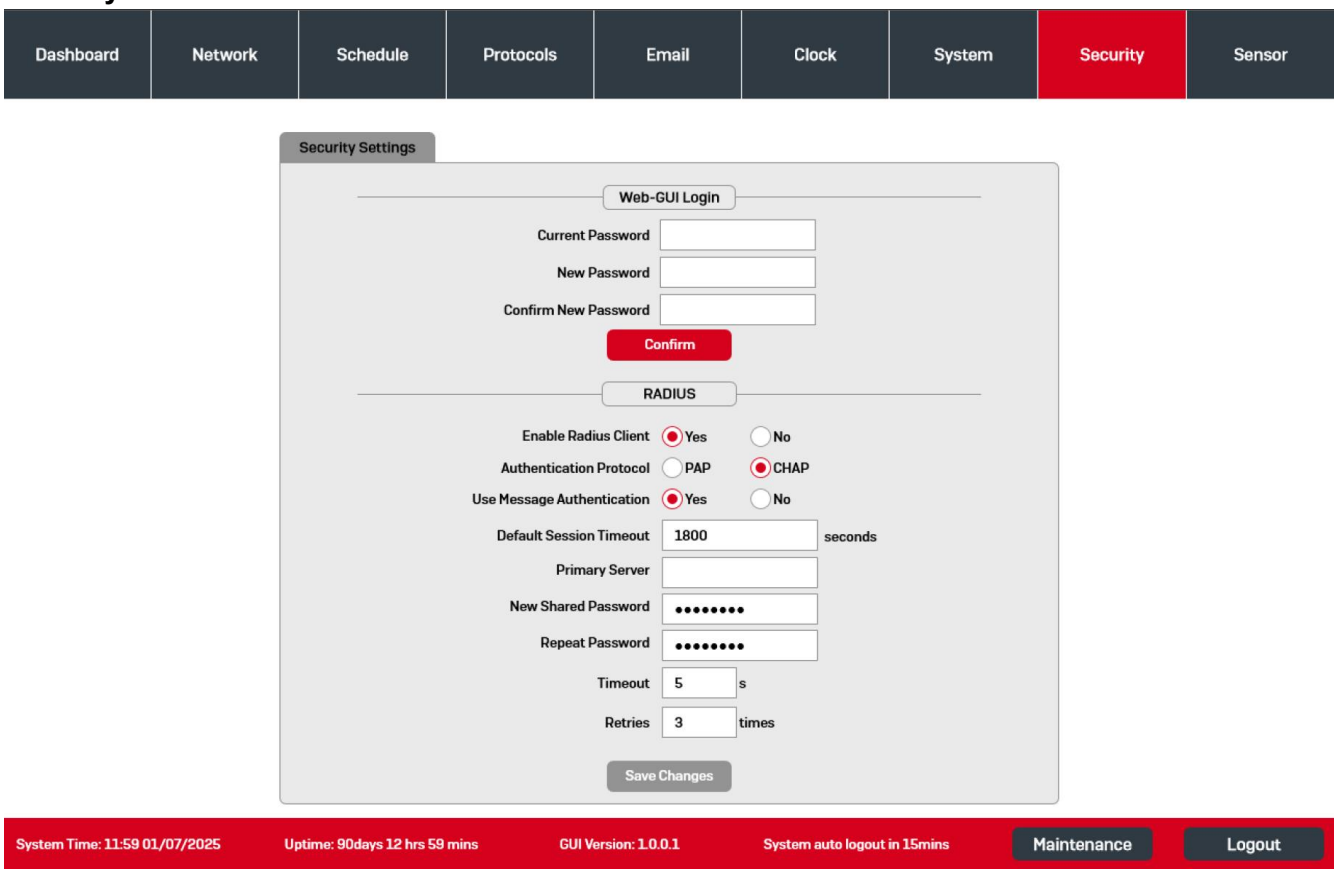
Configure the time settings manually or via internet connection by enabling NTP server.

System



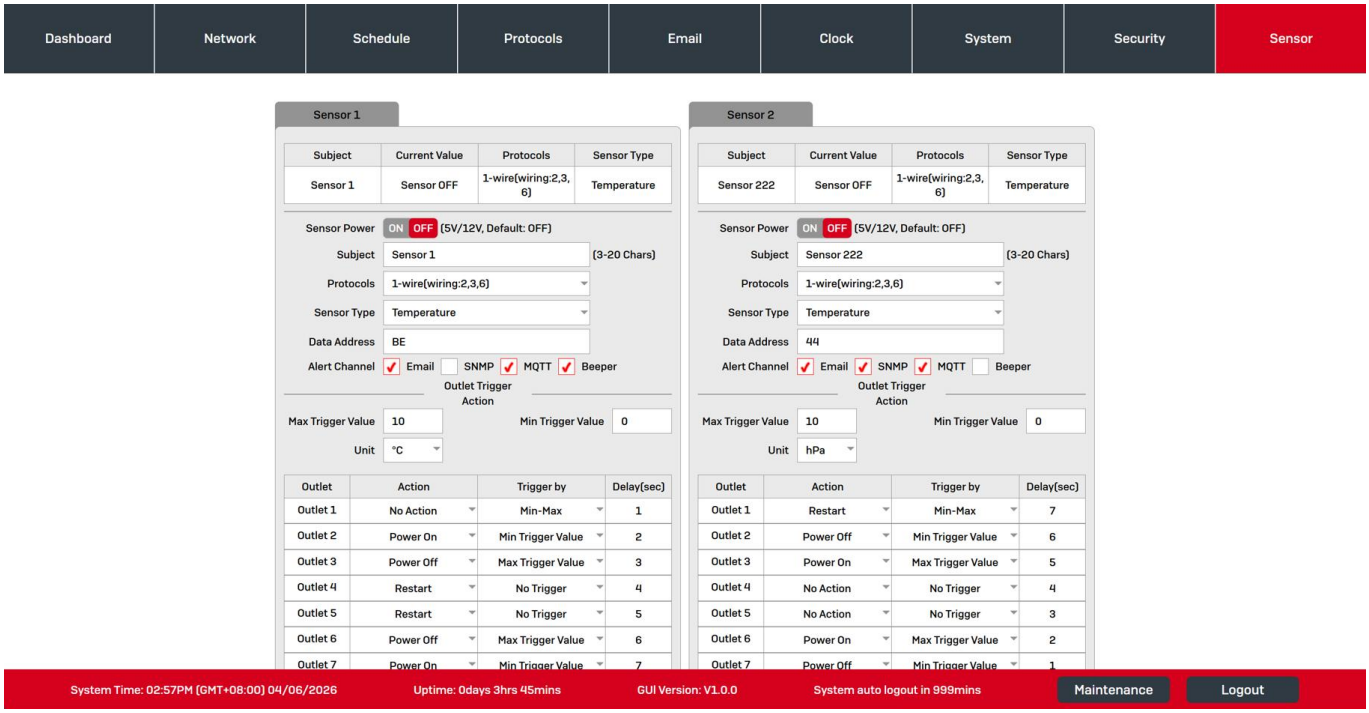
System settings page, unlock the front panel buttons, login timeout, warning beeper time, overload processing and overcurrent threshold.

Security

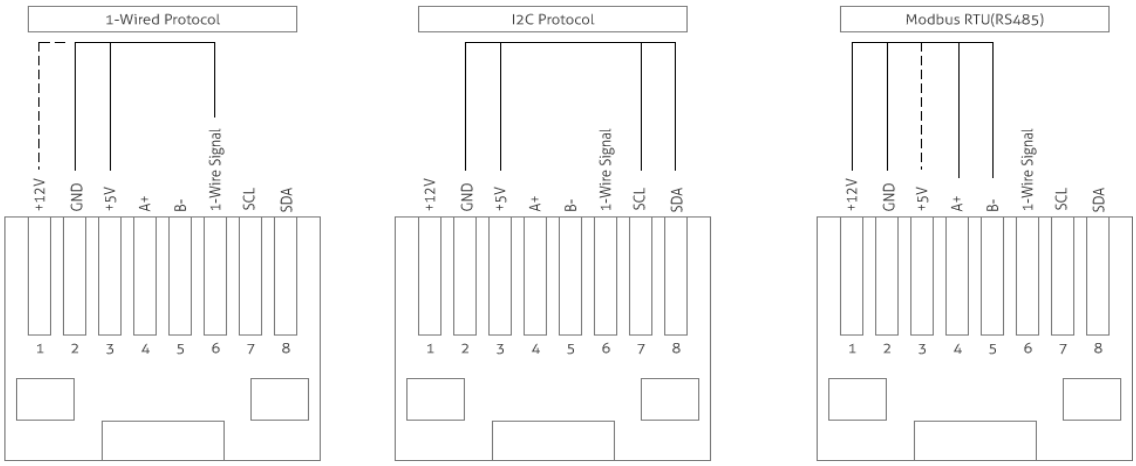


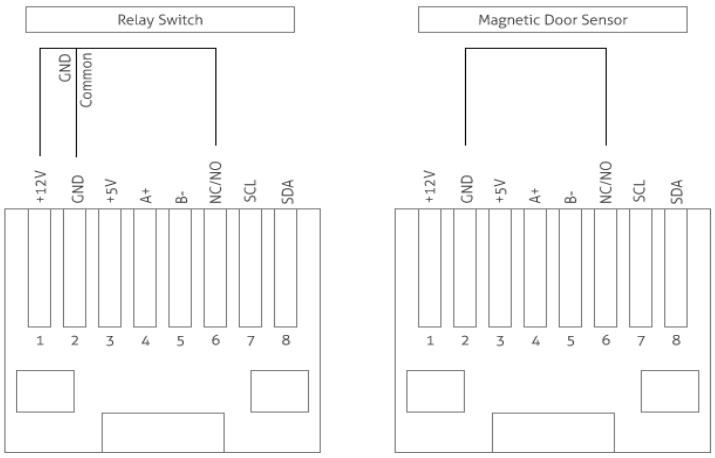
Security settings, change the login password and radius client parameters.

Sensor

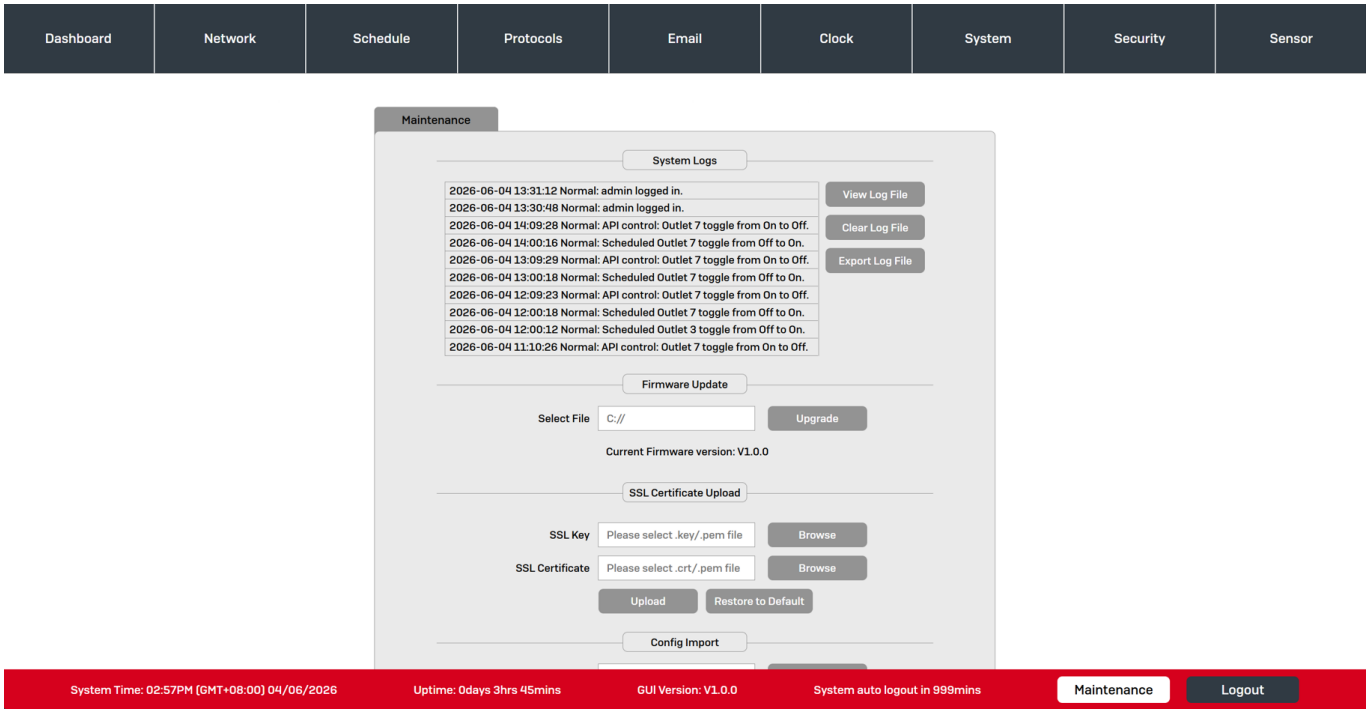


Check the properties and manage the available options of the sensors (if connected). Please note: when connecting a sensor, each protocol provides a different power value of the RJ-45 pinout. Refer to the figure below:





Maintenance



Click on Maintenance button to view system logs, firmware update, upload SSL certificate, import and export config, restart device, factory reset and flush DNS cache.

Commands

Port 1 IP address: 192.168.0.178
Port 2 IP address: 192.168.0.179
Telnet port: 4001
Baudrate: 57600 (default)
Data bit: 8
Stop bit:1
Check bit: none
Terminator: <CR><LF>
Error command feedback code: <Command Error
<Out of Range

Command	Function	Example	Feedback
>?/Help	List all the command	>? >Help	All the commands list
>GetStatus	Get the status of the device.	>GetStatus	<Lindy-32616 <V1.0.0 <GetPowerStatus On <GetKeyStatus On <GetSelectKeyStatus On <GetTCP/IPEnable 2 <GetRS232Baud 57600 <GetSystemVoltageThreshold 264V <Outlet 1 Off <Outlet 2 Off <Outlet 3 Off <Outlet 4 Off <Outlet 5 Off <Outlet 6 Off <Outlet 7 Off <Outlet 8 Off

			<GetGroundStatus Properly Grounded <GetOutletMode 1 Idle <GetOutletMode 2 Idle <GetOutletMode 3 Idle <GetOutletMode 4 Idle <GetOutletMode 5 Idle <GetOutletMode 6 Idle <GetOutletMode 7 Idle <GetOutletMode 8 Idle <GetOutletPowerOnTime 1 2s <GetOutletPowerOnTime 2 2s <GetOutletPowerOnTime 3 2s <GetOutletPowerOnTime 4 2s <GetOutletPowerOnTime 5 2s <GetOutletPowerOnTime 6 2s <GetOutletPowerOnTime 7 2s <GetOutletPowerOnTime 8 2s <GetOutletPowerOffTime 1 2s <GetOutletPowerOffTime 2 3s <GetOutletPowerOffTime 3 4s <GetOutletPowerOffTime 4 5s <GetOutletPowerOffTime 5 6s <GetOutletPowerOffTime 6 7s <GetOutletPowerOffTime 7 8s <GetOutletPowerOffTime 8 9s <GetOutletPowerRestaTime 1 2s <GetOutletPowerRestaTime 2 3s <GetOutletPowerRestaTime 3 4s <GetOutletPowerRestaTime 4 5s <GetOutletPowerRestaTime 5 6s <GetOutletPowerRestaTime 6 7s <GetOutletPowerRestaTime 7 8s <GetOutletPowerRestaTime 8 9s <GetOutletEleResetTime 1 10s <GetOutletEleResetTime 2 10s <GetOutletEleResetTime 3 10s <GetOutletEleResetTime 4 10s <GetOutletEleResetTime 5 10s <GetOutletEleResetTime 6 10s <GetOutletEleResetTime 7 10s <GetOutletEleResetTime 8 10s <GetOutletDCVoltage 1 5V <GetOutletDCVoltage 2 9V <GetOutletDCVoltage 3 9V <GetOutletDCVoltage 4 9V <GetOutletDCVoltage 5 9V <GetOutletDCVoltage 6 9V <GetOutletDCVoltage 7 9V <GetOutletDCVoltage 8 9V <GetOutletDCVoltageOffset 1 1 <GetOutletDCVoltageOffset 2 1 <GetOutletDCVoltageOffset 3 1 <GetOutletDCVoltageOffset 4 1 <GetOutletDCVoltageOffset 5 1 <GetOutletDCVoltageOffset 6 1 <GetOutletDCVoltageOffset 7 1 <GetOutletDCVoltageOffset 8 1 <GetSafeMode Outlet_Shutdown <GetStandbyMode All_Standby_Mode

			<GetOverloadRetryCnt 1 <GetOverloadRetryTime 3mins <GetBeeperTime 10s <TCP/IP1 DHCP On <TCP/IP1 IP Address 192.168.000.178 <TCP/IP1 Gateway Address 192.168.000.001 <TCP/IP1 Subnet Mask 255.255.255.000 <MAC1 Address 00:0C:43:28:80:BB <TCP/IP2 DHCP On <TCP/IP2 IP Address 192.168.000.179 <TCP/IP2 Gateway Address 192.168.000.001 <TCP/IP2 Subnet Mask 255.255.255.000 <MAC2 Address 00:0C:43:28:80:AA <mDNS On <mDNS Name Lindy-32616 <TCP/IPv61 Protocol Off <TCP/IPv61 DHCP Off <TCP/IPv61 IP Address <TCP/IPv61 Gateway Address1 <TCP/IPv61 Gateway Address2 <TCP/IPv62 Protocol Off <TCP/IPv62 DHCP Off <TCP/IPv62 IP Address <TCP/IPv62 Gateway Address1 <TCP/IPv62 Gateway Address2
>GetOutletStatus	Get the status of a single outlet. >GetOutletStatus [Param1] Param1 = 0-8 0: All Outlets 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8	>GetOutletStatus 1	<Outlet 1 On
>GetSensorCfg	Get the sensor configuration >GetSensorCfg	>GetSensorCfg	<Lindy-32616 <V1.0.0 <GetSensor1PowerStatus Off <GetSensor1Protocols 1-wire <GetSensor1Type Tem <GetSensor1Address BE <GetSensor1Beeper Off <GetSensor1ValueMax 10 <GetSensor1ValueMin 0 <GetSensor1Unit 1 <GetSensor1Response 1 NoAction <GetSensor1Response 2 NoAction <GetSensor1Response 3 NoAction

			<GetSensor1Response 4 NoAction <GetSensor1Response 5 NoAction <GetSensor1Response 6 NoAction <GetSensor1Response 7 NoAction <GetSensor1Response 8 NoAction <GetSensor1Trigger 1 NoTrigger <GetSensor1Trigger 2 NoTrigger <GetSensor1Trigger 3 NoTrigger <GetSensor1Trigger 4 NoTrigger <GetSensor1Trigger 5 NoTrigger <GetSensor1Trigger 6 NoTrigger <GetSensor1Trigger 7 NoTrigger <GetSensor1Trigger 8 NoTrigger <GetSensor1Delay 1 10s <GetSensor1Delay 2 10s <GetSensor1Delay 3 10s <GetSensor1Delay 4 10s <GetSensor1Delay 5 10s <GetSensor1Delay 6 10s <GetSensor1Delay 7 10s <GetSensor1Delay 8 10s <GetSensor2PowerStatus Off <GetSensor2Protocols 1-wire <GetSensor2Type Tem <GetSensor2Address BE <GetSensor2Beeper Off <GetSensor2Valuemax 10 <GetSensor2Valuemin 0 <GetSensor2Unit 1 <GetSensor2Response 1 NoAction <GetSensor2Response 2 NoAction <GetSensor2Response 3 NoAction <GetSensor2Response 4 NoAction <GetSensor2Response 5 NoAction <GetSensor2Response 6 NoAction <GetSensor2Response 7 NoAction <GetSensor2Response 8 NoAction <GetSensor2Trigger 1 NoTrigger <GetSensor2Trigger 2 NoTrigger <GetSensor2Trigger 3 NoTrigger <GetSensor2Trigger 4 NoTrigger <GetSensor2Trigger 5 NoTrigger <GetSensor2Trigger 6 NoTrigger <GetSensor2Trigger 7 NoTrigger <GetSensor2Trigger 8 NoTrigger <GetSensor2Delay 1 10s <GetSensor2Delay 2 10s <GetSensor2Delay 3 10s

			<GetSensor2Delay 4 10s <GetSensor2Delay 5 10s <GetSensor2Delay 6 10s <GetSensor2Delay 7 10s <GetSensor2Delay 8 10s
>GetElesta	Get the electricity information, such as power consumption, voltage, current, etc.	>GetElesta	<Lindy-32616 <V1.0.0 <Voltage 231.575V <Input Current 0.145A <Total Power 3.670W <Total Energy Consumed 0.000342kWh <Power Factor 0.11 <Frequency 49.95Hz <GetOutletVoltage 1 0.00V <GetOutletVoltage 2 0.00V <GetOutletVoltage 3 0.00V <GetOutletVoltage 4 0.00V <GetOutletVoltage 5 0.00V <GetOutletVoltage 6 0.00V <GetOutletVoltage 7 0.00V <GetOutletVoltage 8 0.00V <GetOutletCurrent 1 0.00A <GetOutletCurrent 2 0.00A <GetOutletCurrent 3 0.00A <GetOutletCurrent 4 0.00A <GetOutletCurrent 5 0.00A <GetOutletCurrent 6 0.00A <GetOutletCurrent 7 0.00A <GetOutletCurrent 8 0.00A <GetOutletPower 1 0.00W <GetOutletPower 2 0.00W <GetOutletPower 3 0.00W <GetOutletPower 4 0.00W <GetOutletPower 5 0.00W <GetOutletPower 6 0.00W <GetOutletPower 7 0.00W <GetOutletPower 8 0.00W <GetOutletConsumed 1 0.000000kWh <GetOutletConsumed 2 0.000000kWh <GetOutletConsumed 3 0.000000kWh <GetOutletConsumed 4 0.000000kWh <GetOutletConsumed 5 0.000000kWh <GetOutletConsumed 6 0.000000kWh <GetOutletConsumed 7 0.000000kWh <GetOutletConsumed 8 0.000000kWh
>GetFwVersion	Get the firmware version.	>GetFwVersion	<GetFW Version: V1.0.0 <GetGUI Version: V1.0.0
>SetDeviceName	Set the name of the device. >SetDeviceName: [Param1] [Param1] should be the nickname you want to set. (14 characters maximum)	>SetDeviceName: Lindy-32616	<Device Name: Lindy-32616

>SetPower	Enter/Exit the standby mode. >SetPower [Param1] [Param1] = On,Off On - Power on Off - Power off	>SetPower On >SetPower Off	<System Power On, Please Wait A Moment... Done <System Power Off
>SetKeyLock	To lock/unlock the button on the front panel of the device. >SetKeyLock [Param1] [Param1] = On,Off On - <GetKeyStatus Off Off - <GetKeyStatus On	>SetKeyLock On >SetKeyLock Off	<KeyLock On <KeyLock Off
>SetSelectKeyLock	Lock/unlock the voltage selector button on the rear panel. >SetSelectKeyLock [Param1] Param1 = On,Off On - <GetSelectKeyStatus Off Off - <GetSelectKeyStatus On	>SetSelectKeyLock On >SetSelectKeyLock Off	<SelectKeyLock On <SelectKeyLock Off
>SetVoltageThreshold	Set a voltage threshold for the system. >SetVoltageThreshold [Param1] [Param1] =198-264	>SetVoltageThreshold 222	<System Voltage Threshold 222V
>SetSafeMode	Set an action of what the system will do when it goes overloaded. >SetSafeMode [Param1] [Param1] = 0-2 0: Outlet_Shutdown 1: System_Shutdown 2:Auto_Retry	>SetSafeMode 0 >SetSafeMode 1 >SetSafeMode 2	<System Safe Mode: Outlet_Shutdown <System Safe Mode: System_Shutdown <System Safe Mode: Auto_Retry
>SetOverloadRetryCnt	Set the times of the system will reboot when it goes overloaded. >SetOverloadRetryCnt [Param1] [Param1] = 1-3 1(Default)	>SetOverloadRetryCnt 1 >SetOverloadRetryCnt 2 >SetOverloadRetryCnt 3	<System Retry Number 1 <System Retry Number 2 <System Retry Number 3
>SetOverloadRetryTime	Set a delayed time for the system to reboot when it goes overloaded. (unit is minutes) >SetOverloadRetryTime [Param1] [Param1] = 1-10 3(Default)	>SetOverloadRetryTime 1	<System Retry Delay Time 1mins
>SetStandbyMode	Set a standby mode for the system. >StandbyMode [Param1] [Param1] = 0-1 0: All_Standby_Mode 1: Sleep_Mode	>SetStandbyMode 0 >SetStandbyMode 1	<System Standby Mode: All_Standby_Mode <System Standby Mode: Sleep_Mode
>SetRs232Baud	Set a baudrate for RS232 >SetRs232Baud [Param1] [Param1] = 1-7 1: 2400 2: 4800 3: 9600 4: 19200 5: 38400 6: 57600(Default), 7: 115200	>SetRs232Baud 6	<RS232Baud 57600
>SetRs232Out	RS232 Passthrough >SetRs232Out [Param1][Param2][Param3][Param4] [Param1] = a,h a: ASCII	>SETRS232OUT a:6:1:RS232	RS232

	h: HEX [Param2] = 1-7 1: 2400 2: 4800 3: 9600 4: 19200 5: 38400 6: 57600(Default), 7: 115200 [Param3] = 1-3 1: None 2: Even 3: Odd Param4 = string		
>SetBeeperTime	Set buzzer duration of time. (unit is seconds) >SetBeeperTime [Param1] [Param1] = 0: 9999 10(Default)	>SetBeeperTime 10	<Buzzer Sound Time 10s
>SetOutletTime	Set a delay time for an outlet to turn on/off. (unit is seconds) >SetOutlet[Param1]Time [Param2][Param3] [Param1] =On,Off [Param2] = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 [Param3] = 2-9999 (On)/ 0-9999 (Off)	>SetOutletOnTime 1:2 >SetOutletOffTime 1:1	<Outlet 1 Power_On Delay 2s <Outlet 1 Power_Off Delay 1s
>SetOutletRestaTime	Set a delay time for an outlet to restart (unit is in seconds) >SetOutletRestaTime [Param1]:[Param2] Param1 = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 Param2 = 2-9999	>SetOutletRestaTime 1:2	<Outlet 1 Power_Resta Delay 2s
>SetOutletEleResetTime	Set the outlet power reset delay time, in seconds. >SetOutletEleResetTime[Param1][Param2] Param1 = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7	>SetOutletEleResetTime 1:10	<Outlet 1 Electrical Work Reset Duration 10s

	8: Outlet8 [Param2] = 0-9999 10(Default)		
>SetAllOut	Set on/off all the outlets. >SetAllOut [Param1] [Param1] = On,Off	>SetAllOut On >SetAllOut Off	<All Outlets On <All Outlets Off
>SetOutlet	Set on/off a single outlet. >SetOutlet [Param1][Param2] Param1 = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 Param2 = On,Off,Resta	>SetOutlet 1 On	<Outlet 1 On
>SetAllVolt	Set the voltage values for all outlets. >SetAllVolt [Param1] Param1 = 5,9,12,24 5: 5V 9: 9V 12: 12V 24: 24V	>SetAllVolt 5	<All Outlets Voltage Status 5V
>SetOutVolt	Set the voltage values for single outlet. >SetAllVolt [Param1][Param2] Param1 = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 Param2 = 5,9,12,24 5: 5V 9: 9V 12: 12V 24: 24V	>SetOutVolt 1: 24	<Outlet 1 Voltage Status 24V
>SetVoltOffset	Set the voltage step size. >SetVoltOffset [Param1]:[Param2] Param1 = 0-8 0: All 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 Param2 = 0,1,2 0-2 Depend On Different Voltage	>SetVoltOffset 1:1	<Outlet 1 Off <Outlet 1 Voltage Offset 1
>RsAllOutEle	Reset the metered values for all outlets.	>RsAllOutEle	<Clean Up Electrical Work: All Outlets
>RsOutEle	Reset the metered values for a outlet. >RsOutEle [Param1] [Param1] = 1-4	>RsOutEle 1	<Clean Up Electrical Work: Outlet 1

	1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8		
>GetSysTime	Get the time of the date and time of the system.	>GetSysTime	<GetSystemTime: 2023-05-11 02:47:16 Thu
>SetSysTime	Set the date and time for the device: >SetSysTime [Param1] [Param1] = year-month-day;hour-minutes-seconds	>SetSysTime 2025-03-18;11-26-59	<SetSystemTime: 2025-03-18 11:26:59
>SetSensor1/Sensor2Power	Set the on/off state of Sensor1/Sensor2 >Set [Param1] Power [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 0-1 0: Off 1: On	>SetSensor1Power 1 >SetSensor2Power 1	<Sensor1 Power On <Sensor2 Power On
>SetSensor1/Sensor2Protocols	Set Sensor1/Sensor2 protocol >Set [Param1] Protocols [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 1-5 1: 1-wire(wiring2,3,6) 2: I2C(wiring2,3,7,8) 3: Modbus-RTU-RS485(wiring1,2,4,5) 4: Door(wiring2,6) 5: Relay Switch(wiring1,2,6)	>SetSensor1Protocols 1 >SetSensor2Protocols 1	<Sensor1 Protocols 1-wire(wiring2,3,6) <Sensor2 Protocols 1-wire(wiring2,3,6)
>SetSensor1/Sensor2Type	Set Sensor1/Sensor2 type >Set [Param1] Type [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 1-7 1: Temperature 2: Humidity 3: Temperature And Humidity 4: Air Pressure 5: Other Data 6: Normally Open 7: Normally Close	>SetSensor1Type 1 >SetSensor2Type 1	<Sensor1 Type Temperature <Sensor2 Type Temperature
>SetSensor1/Sensor2Address	Set the data address for Sensor1/Sensor2 >Set [Param1] Address [Param2] [Param1] = Sensor1, Sensor2 [Param2] = [00-FF] or [0000:FFFF]	>SetSensor1Address 0E >SetSensor2Address 0E	<Sensor1 Data Address 0E <Sensor1 Data Address 0E
>SetSensor1/Sensor2MSAddress	Set the slave addresses of Sensor1/Sensor2 >Set [Param1] Msaddress [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 00-FF	>SetSensor1MSAddress 02 >SetSensor2MSAddress 02	<Sensor1 Slave Station Address 02 Sensor2 Slave Station Address 02
>SetSensor1/Sensor2MFuncCode	Set Sensor1/Sensor2 function codes >Set [Param1] MFuncCode [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 03 or 04	>SetSensor1MFuncCode 03 >SetSensor2MFuncCode 03	<Sensor1 Function Code 03 <Sensor2 Function Code 03
>SetSensor1/Sensor2ValueMax	Set the maxmum value of Sensor1/Sensor2 >Set[Param1] ValueMax [Param2]	>SetSensor1ValueMax 30	<Sensor1 Max Value 30 <Sensor2 Max Value 30

	[Param1] = Sensor1, Sensor2 [Param2] = [-9999, 9999]	>SetSensor2ValueMax 30	
>SetSensor1/Sensor 2ValueMin	Set the minimum value of Sensor1/Sensor2 >Set[Param1] ValueMin [Param2] [Param1] = Sensor1, Sensor2 [Param2] = [-9999, 9998]	>SetSensor1ValueMin 20 >SetSensor2ValueMin 20	<Sensor1 Min Value 20 <Sensor2 Min Value 20
>SetSensor1/Sensor 2Unit	Set Sensor1/Sensor2 units >Set [Param1] Unit [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 1-3 1: ℃ 2: %RH 3: hPa	>SetSensor1Unit 1 >SetSensor2Unit 1	<Sensor1 Unit ℃ <Sensor2 Unit ℃
>SetSensor1/Sensor 2Beeper	Set the buzzer switch for Sensor1/Sensor2 >Set [Param1] Beeper [Param2] [Param1] = Sensor1, Sensor2 [Param2] = On,Off	>SetSensor1Beeper On >SetSensor2Beeper On	<Sensor1 Beeper On <Sensor2 Beeper On
>SetSensor1/Sensor 2OutletMode	Set the channel to respond to actions of Sensor1/Sensor2. >Set [Param1] OutletMode [Param2]:[Param3] [Param1] = Sensor1, Sensor2 [Param2] = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 [Param3] = 1-4 1: NoAction 2: Power On 3: Power Off 4: Restart	>SetSensor1OutletMod e 1:2 >SetSensor2OutletMod e 1:2	<Outlet 1 Response Sensor1 Mode Power On <Outlet 1 Response Sensor2 Mode Power On
>SetSensor1/Sensor 2OutletTrigger	Set the trigger conditions for the channel response sensor >Set [Param1] OutletTrigger [Param2]:[Param3] [Param1] = Sensor1, Sensor2 [Param2] = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 [Param3] = 1-6 1: No Trigger 2: Max Trigger 3: Min Trigger 4: Min-Max 5: On 6: Off	>SetSensor1OutletTrig ger 1:2 >SetSensor2OutletTrig ger 1:2	<Outlet 1 Response Sensor1 Trigger Max <Outlet 1 Response Sensor2 Trigger Max
>SetSensor1/Sensor 2OutletDelay	Set the delay time for the channel to respond to the actions executed by	>SetSensor1OutletDela y 1:10	<Outlet 1 Response Sensor1 Delay 10s

	Sensor1/Sensor2. >Set [Param1] OutletDelay [Param2]:[Param3] [Param1] = Sensor1, Sensor2 [Param2] = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 [Param3] = 0-9999		
>GetSensor1/Sensor 2Current	Get the current value of Sensor1/Sensor2	>GetSensor1Current	<Get Sensor1 Current Temperature Value N/A
>GetNetTcp/Ip List	Get the current network IP	>GetNetTcp/Ip List	<List Current TCP/IP Address
>SetNetTcp/IpEnable	Enable/Disable the TCP/IP: >SetNetTcp/IpEnable [Param1] [Param1] = 1-2 1: TCP/IP1 2: TCP/IP2	>SetNetTcp/IpEnable 1 >SetNetTcp/IpEnable 2	<TCP/IP1 Enable <TCP/IP2 Enable
>SetNetTcp/Ip1Dhcp	Turn on/off the DHCP for TCP/IP1: >SetNetTcp/Ip1Dhcp [Param1] [Param1] = On,Off	>SetNetTcp/Ip1Dhcp On >SetNetTcp/Ip1Dhcp Off	<TCP/IP1 DHCP On <TCP/IP1 DHCP Off
>SetNetTcp/Ip1Ip	Set an IP address for TCP/IP1: >SetNetTcp/Ip1Ip [Param1] [Param1] = XXX.XXX.XXX.XXX	>SetNetTcp/Ip1Ip 192.168.000.001	<TCP/IP1 IP Address 192.168.000.001
>SetNetTcp/Ip1Gw	Set a gateway for TCP/IP1: >SetNetTcp/Ip1Gw [Param1] [Param1] = XXX.XXX.XXX.XXX	>SetNetTcp/Ip1Gw 192.168.000.254	<TCP/IP1 Gateway Address 192.168.000.254
>SetNetTcp/Ip1Sm	Set a subnet mask for TCP/IP1: >SetNetTcp/Ip1Sm [Param1] [Param1] = XXX.XXX.XXX.XXX	>SetNetTcp/Ip1Sm 192.168.000.254	<TCP/IP1 Subnet Mask 192.168.000.254
>SetNetTcp/Ip2Dhcp	Turn on/off the DHCP of TCP/IP2: >SetNetTcp/Ip2Dhcp [Param1] [Param1] = On,Off	>SetNetTcp/Ip2Dhcp On >SetNetTcp/Ip2Dhcp Off	<TCP/IP2 DHCP On <TCP/IP2 DHCP Off
>SetNetTcp/Ip2Ip	Set an IP address for TCP/IP2: >SetNetTcp/Ip2Ip [Param1] [Param1] = XXX.XXX.XXX.XXX	>SetNetTcp/Ip2Ip 192.168.000.001	<TCP/IP2 IP Address 192.168.000.001
>SetNetTcp/Ip2Gw	Set the gateway for TCP/IP2: >SetNetTcp/Ip2Gw [Param1] [Param1] = XXX.XXX.XXX.XXX	>SetNetTcp/Ip2Gw 192.168.000.254	<TCP/IP2 Gateway Address 192.168.000.254
>SetNetTcp/Ip2Sm	Set the subnet mask for TCP/IP2 >SetNetTcp/Ip2Sm [Param1] [Param1]	>SetNetTcp/Ip2Sm 192.168.000.254	<TCP/IP2 Subnet Mask 192.168.000.254
>SetNetMdns	Turn on/off the mDNS >SetNetMdns [Param1] [Param1] = On,Off	>SetNetMdns On >SetNetMdns Off	<mDNS On <mDNS Off
>SetNetRb	Reboot the IP service	>SetNetRb	<Network Reboot And Apply New Config
>FactoryReset	Factory Reset the device.	>FactoryReset	<FactoryReset
>Reboot	Restart the MCU	>Reboot	<Reboot
>Resta	All outlets restart	>Resta	<System Restart

Lindy regularly checks and tests our product range to ensure maximum compatibility and performance. For the most up to date version of this manual, please refer to your local Lindy website, search for the relevant part number and find the manual under Downloads.

Einführung

Wir freuen uns, dass Ihre Wahl auf ein LINDY-Produkt gefallen ist und danken Ihnen für Ihr Vertrauen. Sie können sich jederzeit auf unsere Produkte und einen guten Service verlassen. Dieser 8-Port-DC-IPower-Switch unterliegt einer LINDY Herstellergarantie von 3 Jahren und lebenslangem, kostenlosen technischen Support. Bitte lesen Sie diese Anleitung sorgfältig und bewahren Sie sie auf.

Dieser IPower Switch wurde für die Stromversorgungssteuerung und -überwachung über TCP/IP entwickelt, um eine komfortable Fernsteuerung des Energiemanagements zu ermöglichen. Systemadministratoren können die Stromversorgung mehrerer Geräte mit Ausgangsspannungen von 5/9/12/24V pro Port steuern und so Ein- und Ausschaltfunktionen sowie die Überwachung des Stromverbrauchs über eine benutzerfreundliche Web-GUI, RS-232 oder API-Befehle nutzen. Darüber hinaus stehen zwei Sensoranschlüsse für den Anschluss externer Umgebungssensoren zur Verfügung.

Sicherheitshinweise

! GEFAHR !



Bitte lesen Sie die folgenden Sicherheitshinweise sorgfältig durch und bewahren Sie dieses Dokument immer zusammen mit dem Produkt auf.
Die Nichtbeachtung dieser Vorsichtsmaßnahmen kann zu schweren Verletzungen oder zum Tod durch Stromschlag, Feuer oder Schäden am Produkt führen.

Dieses Gerät verfügt über ein Schaltnetzteil und arbeitet mit Anschlussspannungen im Bereich von 100…240 VAC.

Das Berühren interner Komponenten oder eines beschädigten Kabels kann einen elektrischen Schlag verursachen, der zum Tod führen kann.
Um die Gefahr von Bränden, Stromschlägen oder Schäden zu verringern:

- Öffnen Sie das Produkt nicht. Es befinden sich keine vom Benutzer zu wartenden Teile im Inneren.
- Ausschließlich qualifiziertes Personal darf Reparaturen oder Wartungen durchführen.
- Verwenden Sie niemals beschädigte Kabel.
- Setzen Sie das Produkt nicht Wasser oder Feuchtigkeit aus.
- Dieses Produkt ist nur für den Gebrauch in geschlossenen Räumen bestimmt.
- Stellen Sie das Produkt nicht in der Nähe von direkten Wärmequellen auf. Stellen Sie es immer an einem gut belüfteten Ort auf.
- Stellen Sie keine schweren Gegenstände auf das Produkt oder die Kabel.
- Vergewissern Sie sich vor dem Anschluss an eine Steckdose, dass alle Kabel sicher angeschlossen sind.

Sicherheits- und Gesundheitsinformationen: LINDY Produkte sind für den sicheren und effektiven Gebrauch konzipiert. In dieser Anleitung finden Sie wichtige Sicherheits- und Gesundheitsinformationen sowie Einzelheiten zur beschränkten Garantie für Ihr Produkt. Die Befolgung dieser Aufbau-, Gebrauchs- und Pflegeanweisungen erhöht den Komfort, die Produktivität und die Sicherheit. Die Nichtbeachtung dieser Richtlinien kann zu einem elektrischen Schlag, Brand, schweren Verletzungen oder Schäden am Produkt oder Eigentum führen. Zusätzliche Unterstützung finden Sie unter www.lindy.com.
Warnung: Außerhalb der Reichweite von Kindern aufbewahren. LINDY Produkte und Zubehör sind kein Spielzeug und sollten nicht von kleinen Kindern angefasst werden, da sie Verletzungen oder Schäden verursachen können.
Erstickungsgefahr: Bei Produkten, die Plastiktüten enthalten oder in solchen geliefert werden, halten Sie die Tüten von Babys und Kindern fern, um Erstickungsgefahr zu vermeiden.
Sicherheit der Stromversorgung: Gilt für Produkte, die mit einem Wechselstromnetzteil betrieben werden. Verwenden Sie nur das für Ihr Produkt angegebene Originalnetzteil oder ein kompatibles Netzteil. Die Nichtbeachtung dieses Hinweises kann zu einem elektrischen Schlag, Brand, schweren Verletzungen oder Produktschäden führen.
Richtige Verwendung: Halten Sie das Gerät von Feuchtigkeit, einschließlich Regen, Schnee oder Wasser, fern und vermeiden Sie die Nähe von Wärmequellen, Lebensmitteln, übermäßigem Schmutz, Staub, Öl, Chemikalien oder direktem Sonnenlicht. Vermeiden Sie bei Geräten mit Anschlüssen das

Einstecken von Gegenständen, die Ansammlung von Staub oder die Verwendung von Wärmequellen wie Haartrocknern oder Mikrowellen zum Trocknen des Geräts. Wenn das Gerät nass geworden ist, wischen Sie es vorsichtig mit einem trockenen Tuch ab.

Risikoreiche Verwendung: Dieses Produkt ist nicht für Anwendungen vorgesehen, bei denen ein Versagen zum Tod, zu schweren Verletzungen oder zu erheblichen Umweltschäden führen könnte („Risikoreiche Verwendung“). Die Verwendung in solchen Anwendungen erfolgt ausschließlich auf eigene Gefahr.

Explosive Atmosphären: Lagern oder transportieren Sie keine entflammbaren oder explosiven Materialien neben diesem Produkt oder seinem Zubehör. Ziehen Sie immer den Netzstecker und schalten Sie das Produkt aus, und vermeiden Sie das Aufladen in Bereichen mit potentiell explosiver Atmosphäre.

Kabelanschlüsse und -buchsen: Um einen Stromschlag oder Brand zu vermeiden, wenn Sie Stecker mit einem Netzteil verwenden, vermeiden Sie den Kontakt während des Gebrauchs. Halten Sie die Anschlüsse frei von Feuchtigkeit, Schmutz und Verunreinigungen. Stellen Sie die Verwendung ein und wenden Sie sich an den Kundendienst, wenn ein Stecker beschädigt erscheint.

Reinigung: Um das Risiko eines Brandes, elektrischen Schlags oder einer Beschädigung des Produkts zu minimieren, ziehen Sie alle Kabel ab und schalten Sie das Gerät und das Zubehör aus, bevor Sie es reinigen. Verwenden Sie nur ein trockenes Tuch, um das Gerät von außen zu reinigen. Führen Sie keine Gegenstände in die Anschlüsse ein, und tauchen Sie die Anschlüsse nicht in Flüssigkeiten ein; wischen Sie sie stattdessen gründlich ab und trocknen Sie sie.

Risiko bei Reparaturen: Wenn Sie versuchen, dieses Produkt zu öffnen oder zu reparieren, besteht die Gefahr eines elektrischen Schlags, eines Brands oder von Verletzungen. LINDY empfiehlt dringend, professionelle Reparaturdienste in Anspruch zu nehmen, da nicht autorisierte Reparaturen zum Erlöschen Ihrer Garantie führen können.

VORSICHT

Hautreizung: Dieses Produkt enthält Materialien, die üblicherweise in der Elektronik verwendet werden und bei manchen Benutzern Hautreizungen hervorrufen können. Um dieses Risiko zu verringern, reinigen Sie Ihr Gerät regelmäßig, vermeiden Sie das Auftragen von Lotionen in der Nähe der Kontaktbereiche und stellen Sie den Gebrauch ein, wenn Reizungen auftreten. Wenden Sie sich an Ihren Arzt, wenn die Symptome fortbestehen.

Kabelsicherheit: Freiliegende Kabel können eine Stolperfalle darstellen. Positionieren Sie die Kabel so, dass sie nicht zur Stolperfalle werden oder versehentlich daran gezogen werden kann und schützen Sie sie vor Quetschungen, Abknicken und Hitzeeinwirkung. Überprüfen Sie die Kabel regelmäßig und verwenden Sie diese nicht mehr, wenn sie beschädigt sind. Ziehen Sie die Kabel bei Gewitter oder bei längerer Lagerung aus der Steckdose.

HINWEIS

Hitzebedingte Bedenken: Das Produkt kann bei regelmäßigem Gebrauch warm werden. Vermeiden Sie längeren Hautkontakt, sorgen Sie für ausreichende Belüftung und verwenden Sie es in gut belüfteten Bereichen, um Überhitzung und Unwohlsein zu vermeiden.

Persönliche medizinische Geräte: Elektronische Emissionen und magnetische Felder von LINDY Produkten können unbeabsichtigt medizinische Geräte stören, obwohl sie den gesetzlichen Vorschriften entsprechen. Wenn Sie eine Störung vermuten, schalten Sie das Produkt sofort aus. Wenden Sie sich an den Hersteller Ihres medizinischen Geräts oder an Ihren medizinischen Betreuer, wenn Sie Hinweise zur Verwendung elektronischer Geräte in der Nähe benötigen.

Handhabung: Behandeln Sie Ihr LINDY Produkt mit Sorgfalt. Das Produkt kann beschädigt werden, wenn es herunterfällt, durchstochen wird oder mit Flüssigkeit in Berührung kommt. Wenn Sie eine Beschädigung vermuten, verwenden Sie das Produkt nicht mehr, um mögliche Gefahren zu vermeiden.

Lieferumfang

- 8-Port DC IPower Switch
- 8x 2-polige Phoenix-Stecker (Steckerseite)
- Montageset mit 2x Halterungen und Schrauben
- RS232-Kabel 3-polig auf DB9 Buchse, 1.35m
- Schuko-, UK-, EU- und AU-Netzkabel auf IEC C13, 1.8m
- 4x Gummifüße
- Benutzerhandbuch LINDY

Eigenschaften

- 8x DC 2-polige Ausgangsports für die Geräte
- Unterstützung von 4 optionalen Ausgangsspannungen (5/9/12/24V), bis zu 30 oder 36W pro Port
- IEC C14 10A Netzeingang
- Leistungssteuerung sowie Überwachung von Spannung, Strom und Metering
- Verwaltung über Web-GUI, RS-232, APIs und Frontpanel-Tasten
- Unterstützung der Protokolle Telnet, Modbus TCP, SSH, SNMP, Watchdog und MQTT
- 2x redundante RJ-45-Netzwerkports
- 2x RJ-45-Sensorports
- Überlast- und Verdrahtungsfehlerschutz sowie Remote-Login-Verifizierung
- Unterstützung zahlreicher Sicherheits-, Netzwerk- und IoT-Protokolle

Spezifikationen

- Stromversorgung: 100–240V 50/60Hz 10A
- Leistungsaufnahme im Leerlauf: 2.6W
- Ausgangsleistung (Outlet): max. 36W (bei 5V bis zu 30W)
- LED-Anzeigen
- Eingangsspannungsbereich: 100–240V (90–264V durch Einstellung der Spannungsschwelle)
- Eingangsstrombereich: 0–10A
- Eingangsfrequenzbereich: 45–65Hz
- Betriebstemperatur: -5–55°C (23°F–131°F)
- Lagertemperatur: -20–70°C (-4°F–158°F)
- Relative Luftfeuchtigkeit: 0–95% (nicht kondensierend)

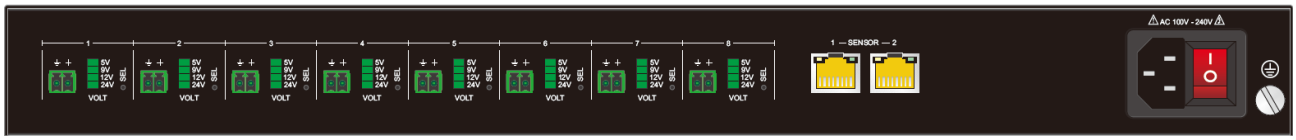
Installation

Vorderseite



- POWER LED: Grün: Gerät eingeschaltet, Rot: Standby.
- BUTTON 1-8: Manuelle Leistungsverwaltung für jeden Ausgangsport.
  LED-Status:
  Blau: Port eingeschaltet
  Blau blinkend: Port-Initialisierung vor dem Einschalten
  Rot: Ausgangsport überlastet
  Rot blinkend: Ausgangsport erkennt die Last
- RS232: Anschluss an einen PC, seriellen Controller oder ein serielles Gerät über eine 3-polige Phoenix-Blockverbindung für die Durchleitung von RS-232- und API-Befehlen.
- TCP/IP 1-2: Zwei redundante RJ-45-Ports für Netzwerkverbindung, Steuerung und Zugang zur Web-GUI-Steuerung.

Rückseite



- OUTLET 1-8: 2-polige Phoenix-3,81mm-Ports zur Stromversorgung der angeschlossenen Geräte. VOLT-LEDs zeigen die Ausgangsspannung 5/9/12/24V an jedem Port (Standard 5V). SEL-Pin-Taste zum Umschalten der Ausgangsspannung an jedem Port.
- SENSOR 1-2: Zwei RJ-45-Ports zum Anschluss externer Sensoren. Port-Status-LEDs: Grün: Verbindung aktiv, Gelb: Datenübertragung.
- AC 100V~240V: IEC C14-Eingangsport zur Stromversorgung des Geräts (AC 100V~240V 10A) mit EIN/AUS-Schalter.
- GROUND: Schrauben-Erdungsanschluss.

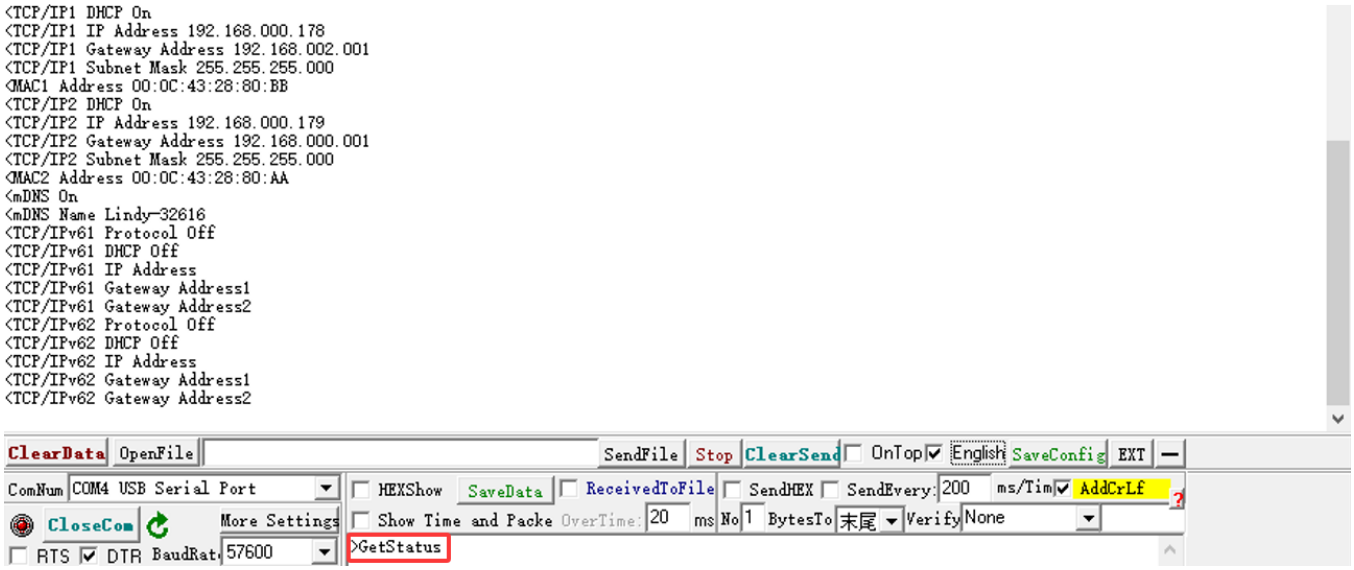
Schließen Sie alle Geräte an die OUTLET-Ports an und schalten Sie anschließend das Gerät und die angeschlossenen Geräte ein.

Betrieb

Web-GUI

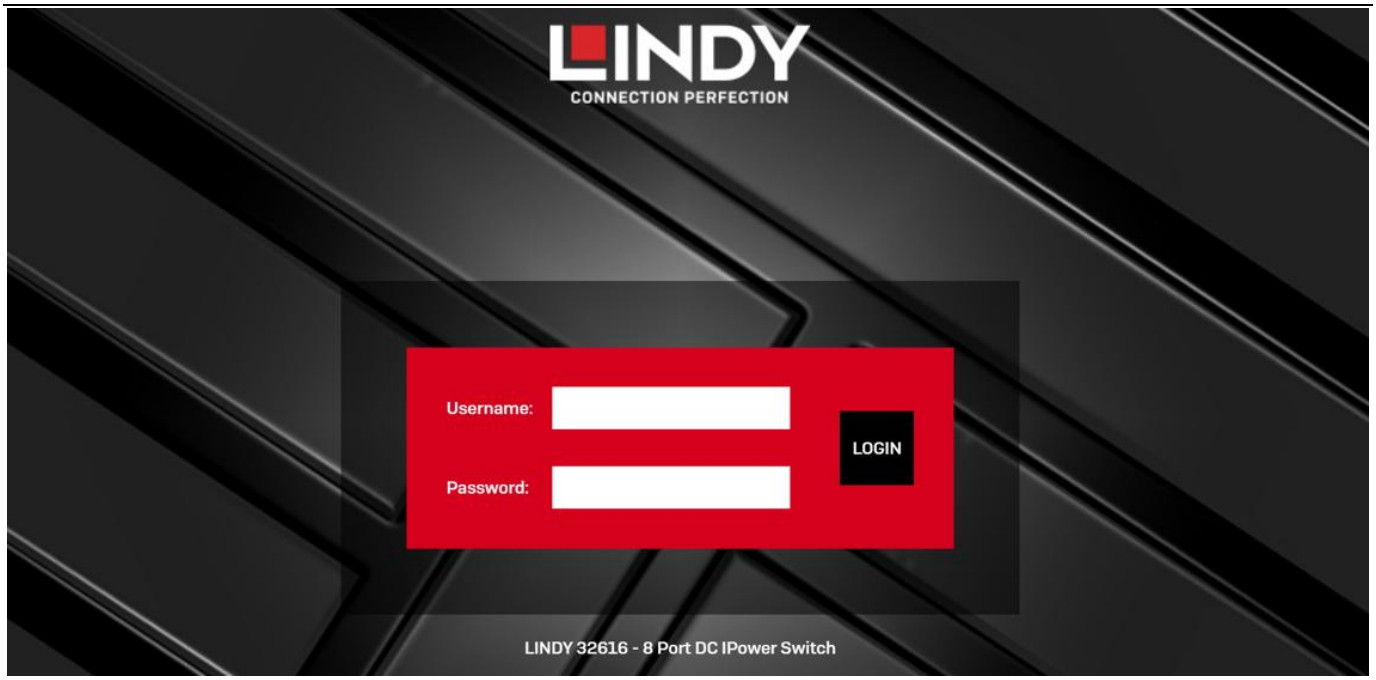
Verbinden Sie den TCP/IP RJ-45-Port mit dem lokalen Netzwerk oder direkt mit dem TCP/IP 1-Port. Standardmäßig ist das Gerät im DHCP-Modus eingestellt. Um die dynamisch zugewiesene IP-Adresse automatisch zu erhalten, verbinden Sie das Gerät mit einem DHCP-fähigen Netzwerk.

Die aktuelle IP-Adresse kann auch über den RS232-Port ermittelt werden. Senden Sie dazu den Befehl >getstatus, wie im folgenden Screenshot gezeigt:



Falls kein DHCP-Server (z. B. ein Router) im Netzwerk vorhanden ist, greift das Gerät auf folgende Standard-IP-Einstellungen auf Port 1 zurück:

Port 1: 192.168.0.178
Subnetzmaske 1: 255.255.255.0
Gateway: 192.168.0.1
Telnet-Port: 4001
Geben Sie die IP-Adresse in den Browser ein, um die Anmeldeseite zu öffnen.



Standard-Benutzername: admin
Standard-Passwort: aP?y43Tq
Geben Sie den Standard-Benutzernamen und das Passwort ein und klicken Sie auf LOGIN.

Wichtig: Ändern Sie das Standardpasswort sofort

Um Ihr Gerät und Ihre persönlichen Daten zu schützen, müssen Sie das Standardpasswort so bald wie möglich nach der Einrichtung ändern.

Dieses Produkt entspricht der britischen Verordnung über die Sicherheit von Produkten und die Telekommunikationsinfrastruktur (PSTI), die verlangt, dass alle Standardpasswörter eindeutig sind oder pro Gerät generiert werden. Um jedoch das höchste Sicherheitsniveau zu gewährleisten, ist es unerlässlich, dass Sie Ihr eigenes, starkes und einprägsames Passwort festlegen.

So ändern Sie Ihr Passwort:

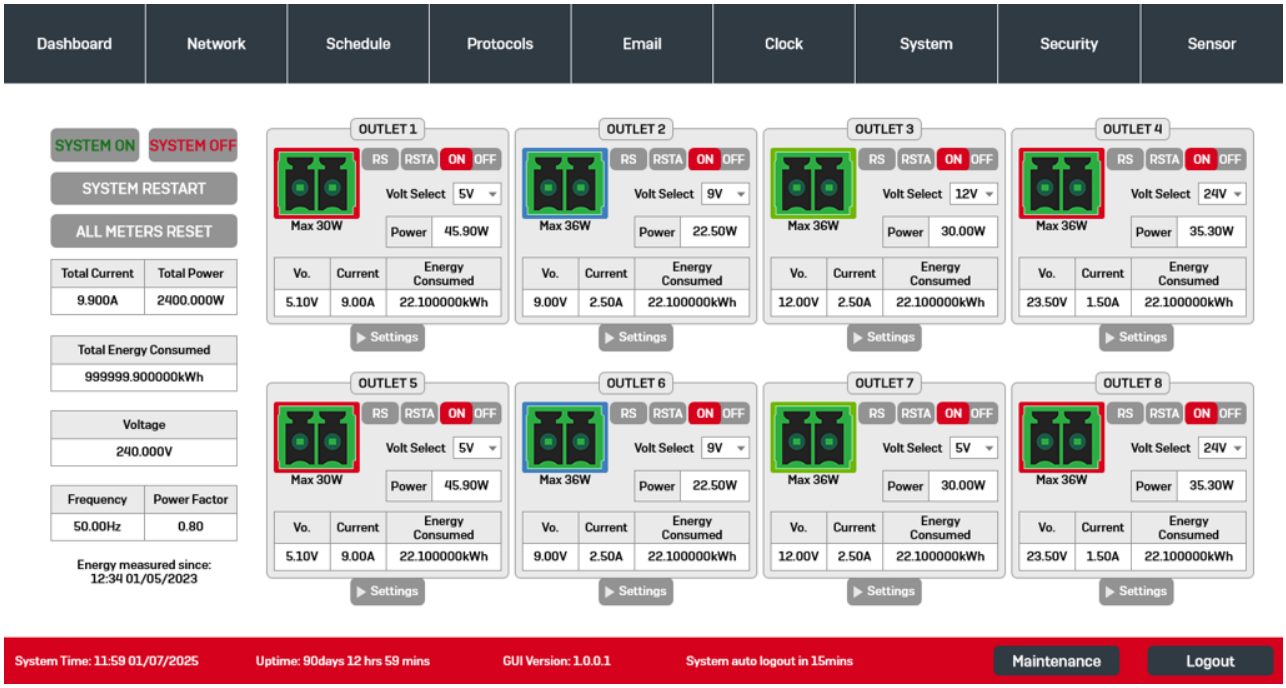
1. Schalten Sie das Gerät ein und stellen Sie über die Web-Oberfläche eine Verbindung her.
2. Melden Sie sich mit den obigen Standardanmeldedaten an.
3. Navigieren Sie zu Sicherheit > Web-GUI-Anmeldepasswort.
4. Geben Sie das aktuelle Passwort und das neue Passwort zweimal ein und bestätigen Sie anschließend.
5. Speichern Sie Ihre Änderungen und melden Sie sich mit dem neuen Passwort erneut an.

Tipps für ein sicheres Passwort:

- Verwenden Sie mindestens 8 Zeichen (wir empfehlen 12+)
- Verwenden Sie Groß- und Kleinbuchstaben
- Fügen Sie Zahlen und Sonderzeichen hinzu (!, @, #, usw.)
- Vermeiden Sie gängige Wörter oder persönliche Informationen

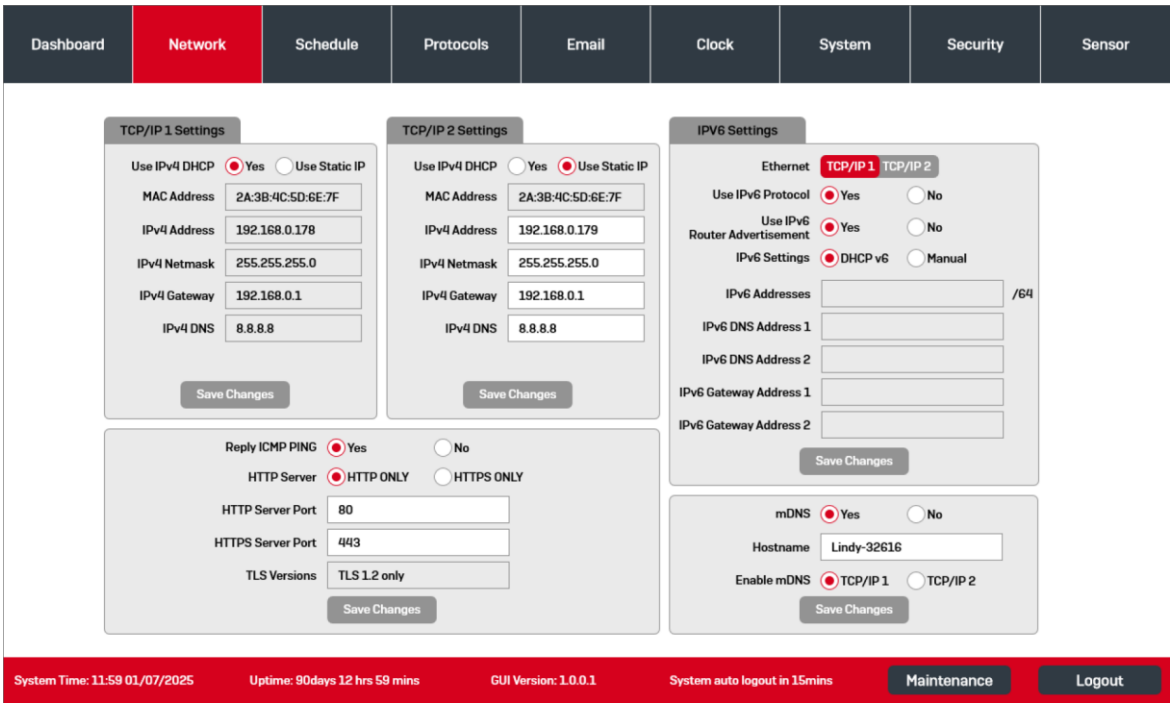
Wenn Sie das Standardpasswort nicht ändern, kann Ihr Gerät Sicherheitsrisiken ausgesetzt sein. Wenn Sie Hilfe benötigen, wenden Sie sich bitte an unser Kundensupport-Team.

Dashboard



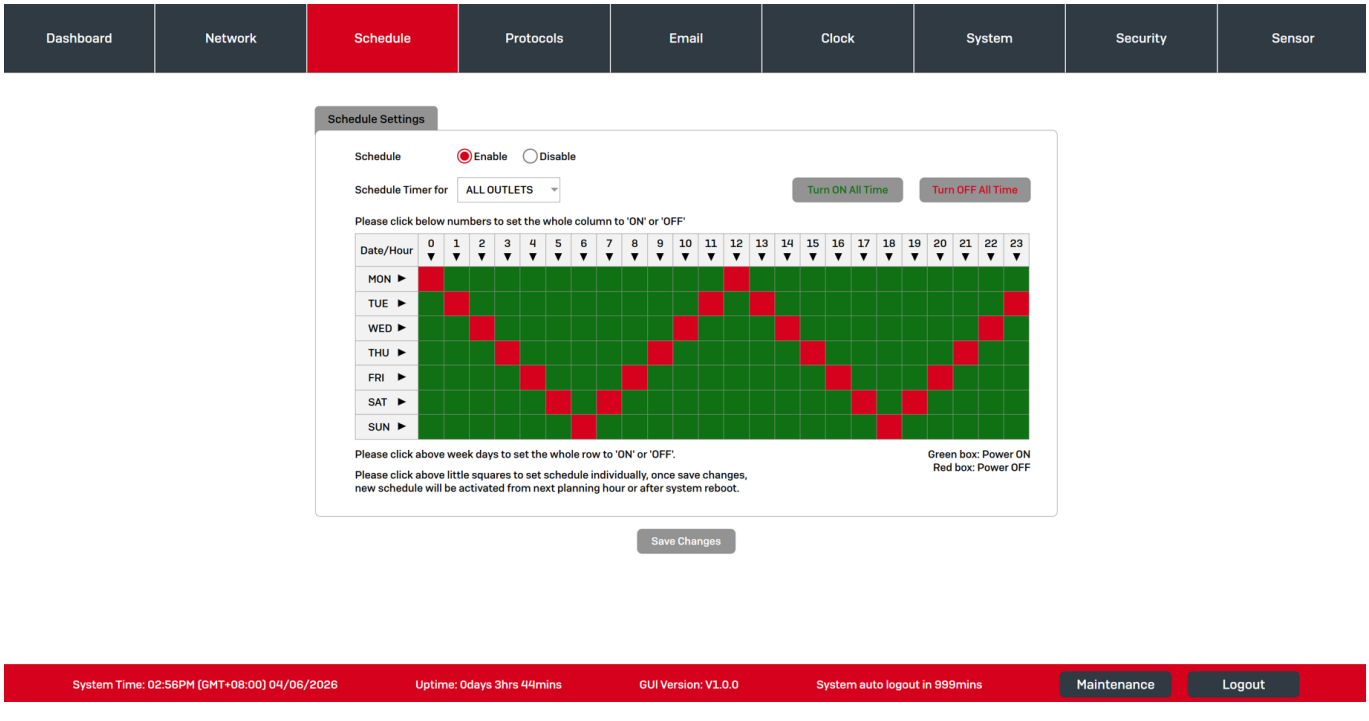
ALL ON/ALL OFF: Alle 8 Ausgänge ein-/ausschalten.
SYSTEM RESTART: Neustart des Geräts.
ALL METERS RESET: Setzt die Messwerte der 8 Ausgänge zurück.
OUTLET 1-8
RS: Zurücksetzen der verbrauchten Energie.
RSTA: Neustart
ON/OFF: Einschalten/Ausschalten.
VOLT SELECT: Ausgangsspannung umschalten.
SETTINGS: Benennen Sie den Ausgang um, stellen Sie die Verzögerungen für das Wiedereinschalten und Ausschalten ein, legen Sie die Dauer für das Zurücksetzen der Messwerte fest und legen Sie eine positive Spannungsverschiebung fest, falls die Spannung am Ausgangsanschluss zu niedrig ist.
SAVE CHANGES: Klicken, um die Outlet-Einstellungen zu speichern.

Network



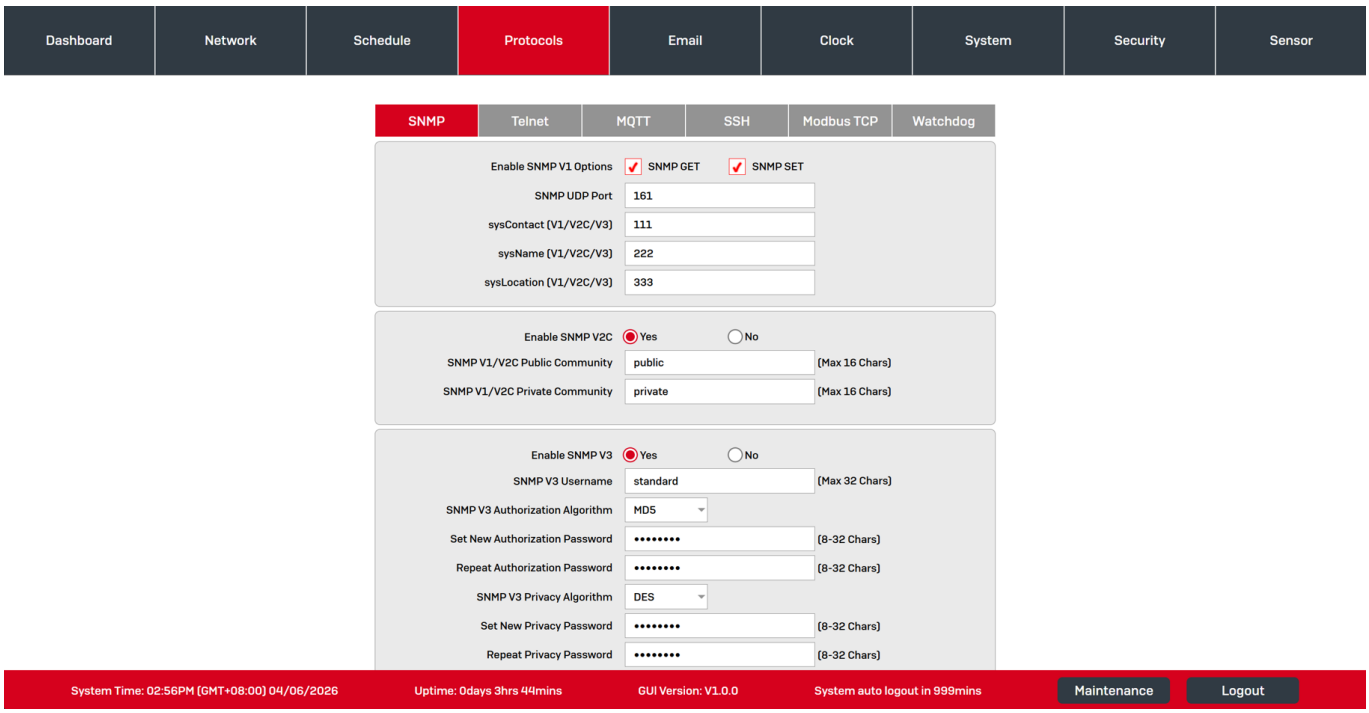
Netzwerkeinstellungen, IPv4 und IPv6 für beide TCP/IP-Ports, PING ein/aus, HTTP-Server und mDNS.

Schedule



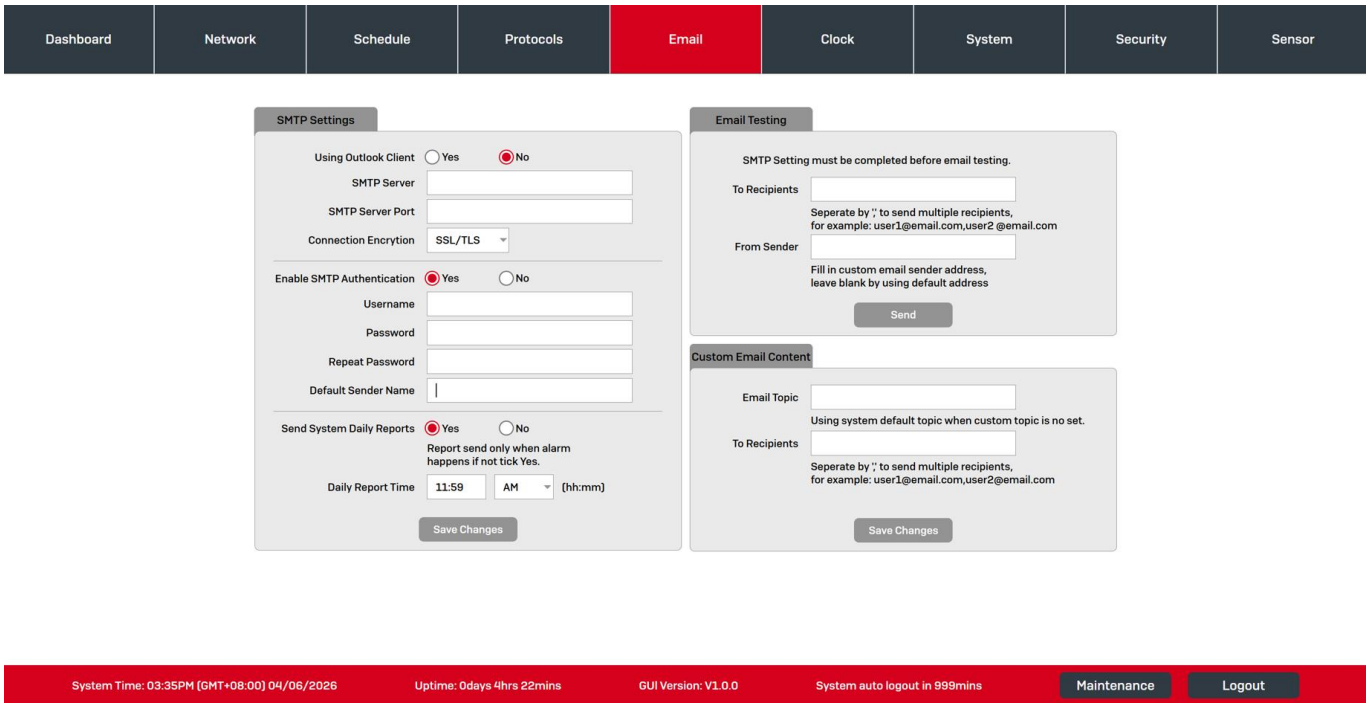
Wählen Sie die Ausgänge und planen Sie den Ein-/Aus-Status nach Tagen und Stunden (Grün = ein, Rot = aus).

Protocols



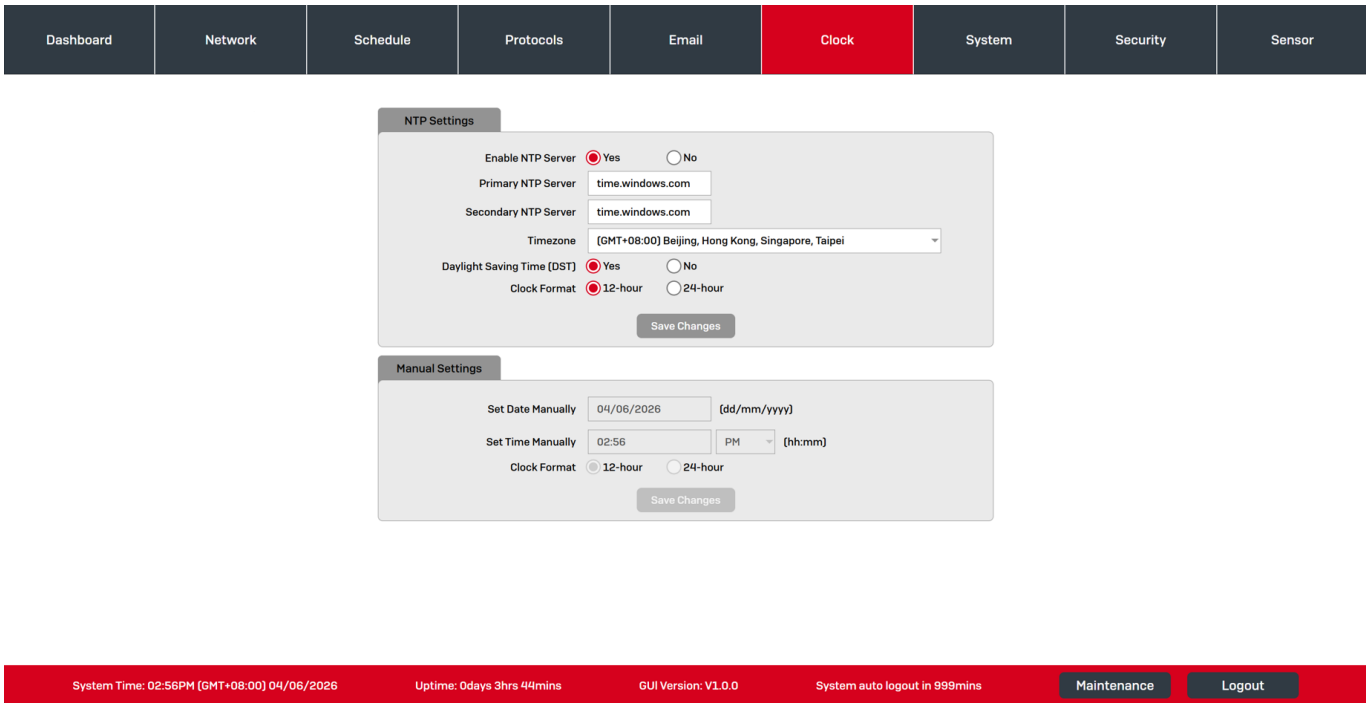
Wählen Sie die verfügbaren Protokolle SNMP, Telnet, MQTT, SSH, Modbus TCP und Watchdog, um die gewünschte Verbindung herzustellen. In jedem Fenster wird die Konfiguration des gewählten Protokolls angezeigt.

Email



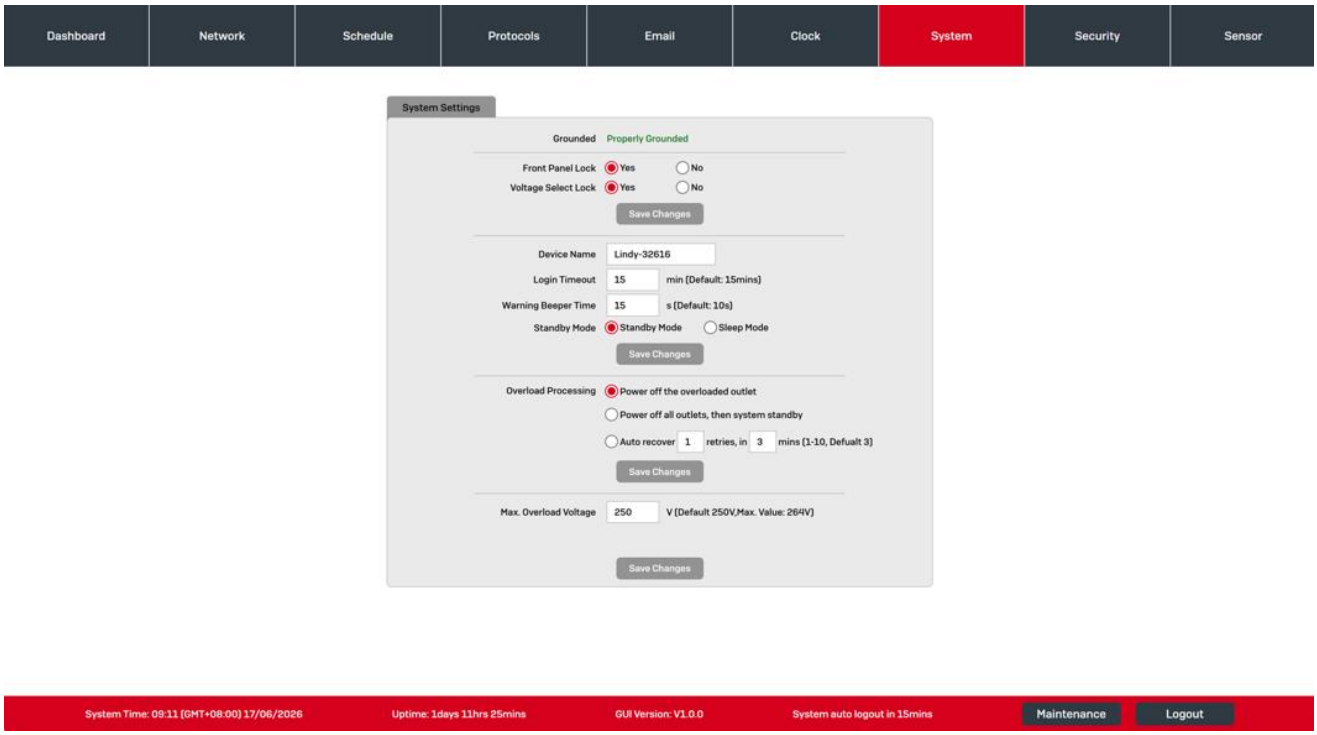
Richten Sie den E-Mail-Server und das Konto für den Empfang von Warnungen und Berichten ein.

Clock



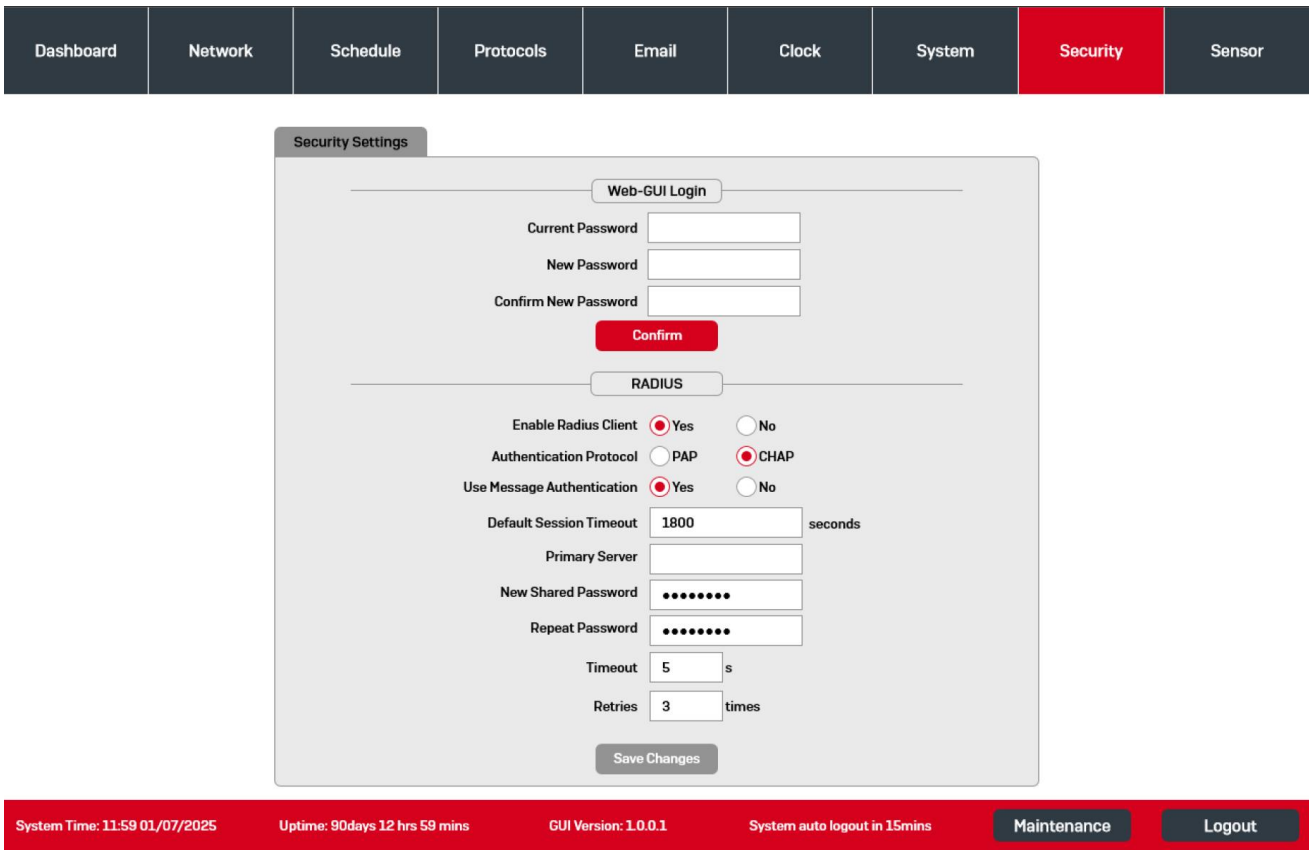
Konfigurieren Sie die Zeiteinstellungen manuell oder über eine Internetverbindung, indem Sie den NTP-Server aktivieren.

System



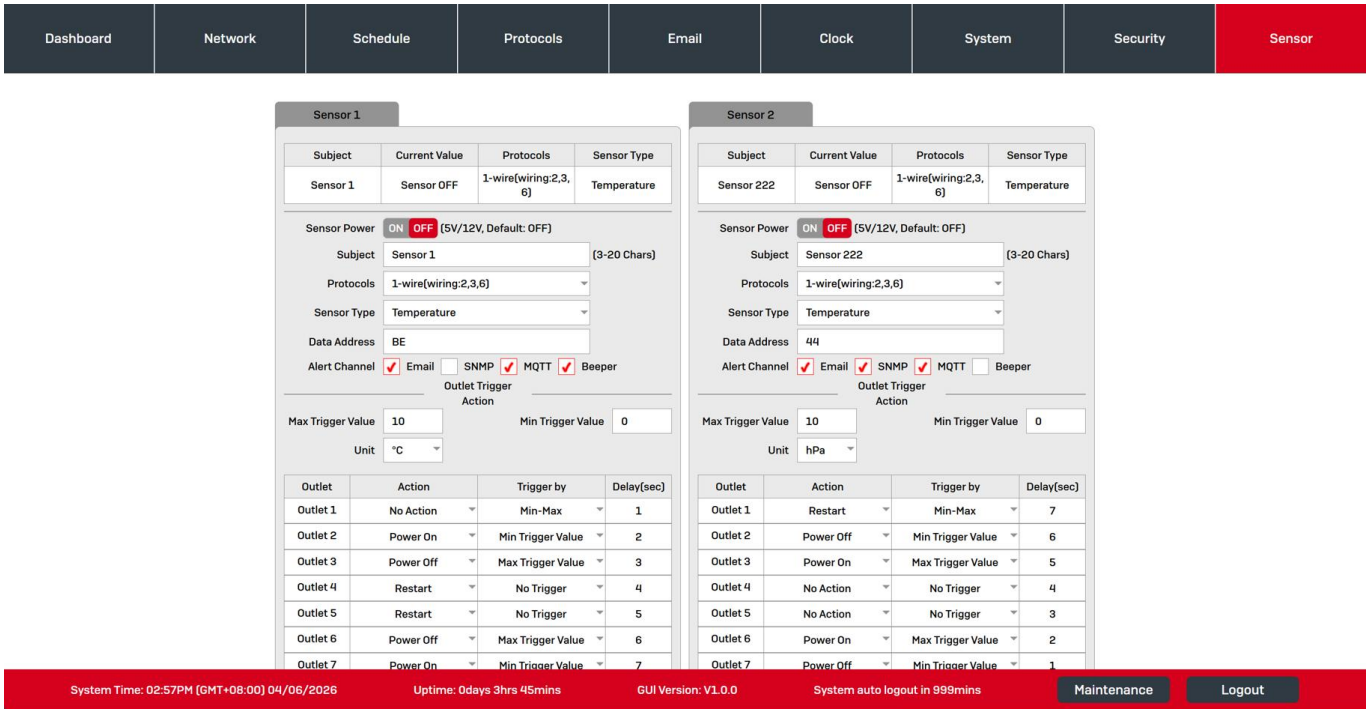
Systemeinstellungsseite, Entsperren der Tasten an der Gerätefront, Login-Timeout, Warntonzeit, Überlastverarbeitung und Überstromschwellenwert.

Security

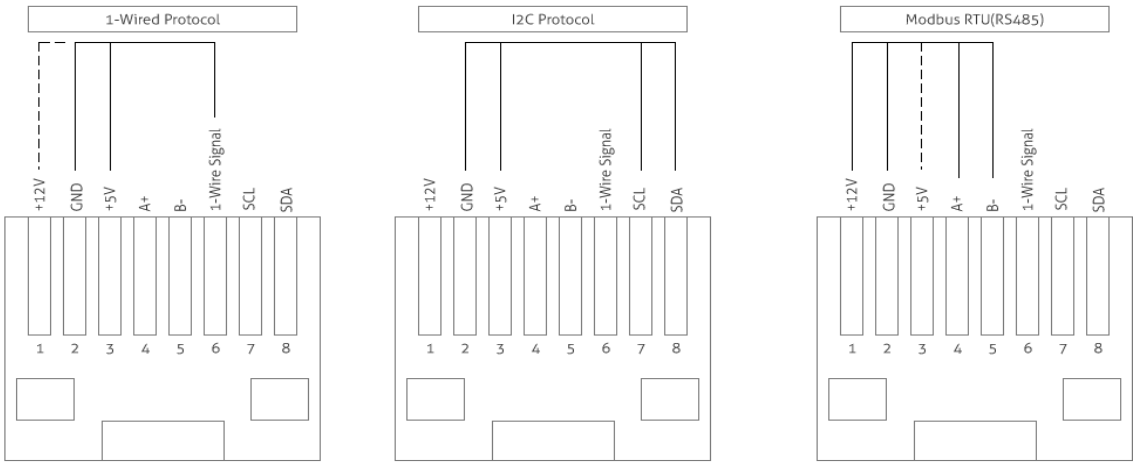


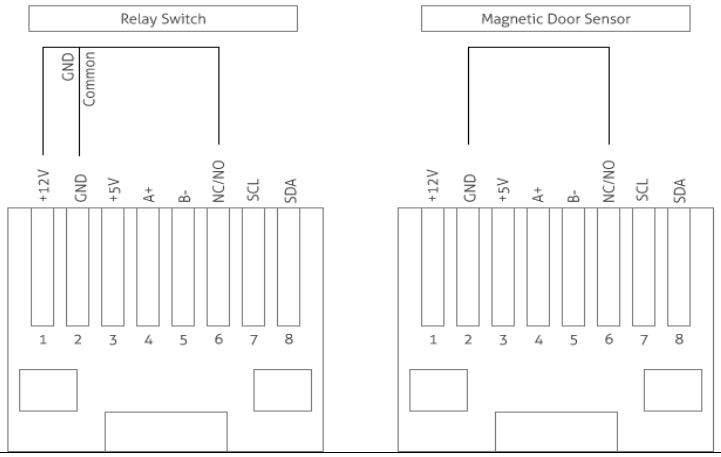
Sicherheitseinstellungen, Änderung des Login-Passworts und der Radius-Client-Parameter.

Sensor

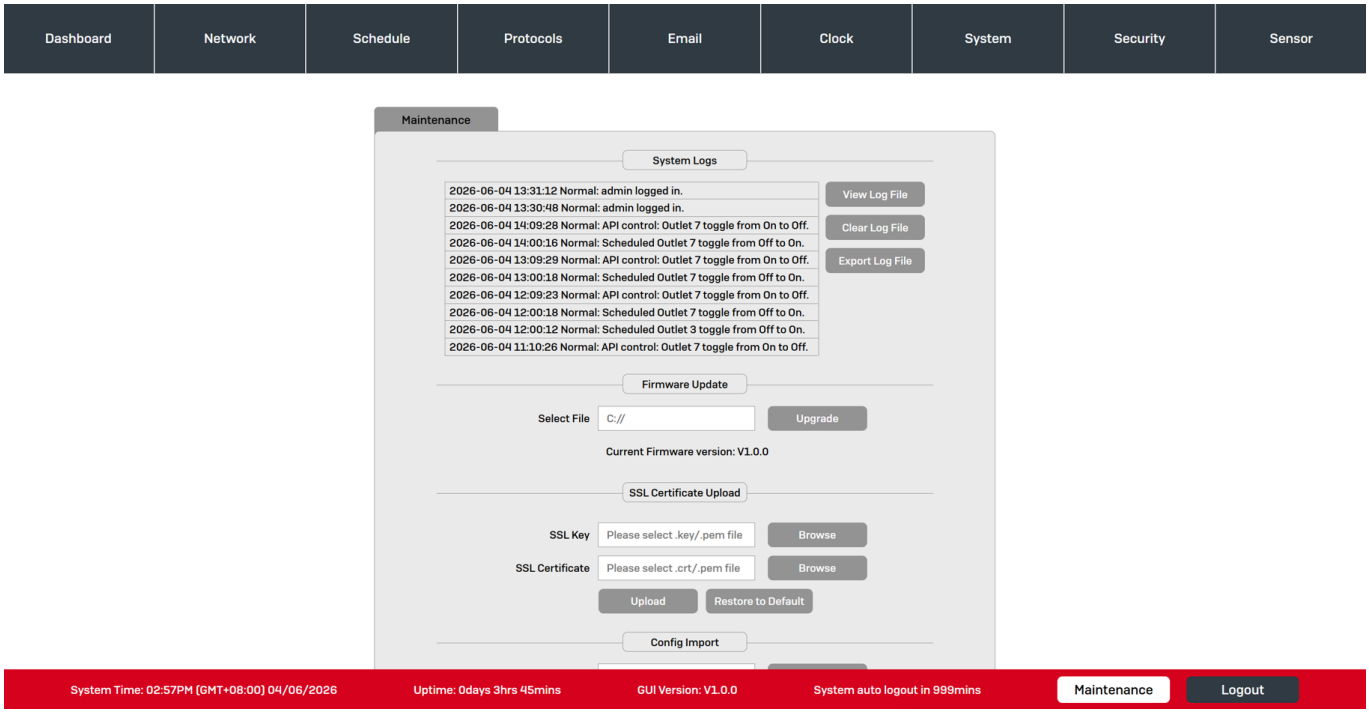


Überprüfen Sie die Eigenschaften und verwalten Sie die verfügbaren Optionen der angeschlossenen Sensoren. Bitte beachten Sie: Beim Anschluss eines Sensors liefert jedes Protokoll einen anderen Leistungswert des RJ-45-Pinbelegung. Beachten Sie die folgende Abbildung:





Maintenance



Klicken Sie auf die Schaltfläche Maintenance, um Systemprotokolle anzuzeigen, die Firmware zu aktualisieren, SSL-Zertifikat hochzuladen, Konfiguration zu importieren/exportieren, das Gerät neu zu starten, auf Werkseinstellungen zurückzusetzen und den DNS-Cache zu leeren.

Commands

Port 1 IP address: 192.168.0.178
Port 2 IP address: 192.168.0.179
Telnet port: 4001
Baudrate: 57600 (default)
Data bit: 8
Stop bit:1
Check bit: none
Terminator: <CR><LF>
Error command feedback code: <Command Error
<Out of Range

Command	Function	Example	Feedback
>?/Help	List all the command	>? >Help	All the commands list
>GetStatus	Get the status of the device.	>GetStatus	<Lindy-32616 <V1.0.0 <GetPowerStatus On <GetKeyStatus On <GetSelectKeyStatus On <GetTCP/IPEnable 2 <GetRS232Baud 57600 <GetSystemVoltageThreshold 264V <Outlet 1 Off <Outlet 2 Off <Outlet 3 Off <Outlet 4 Off <Outlet 5 Off <Outlet 6 Off <Outlet 7 Off <Outlet 8 Off

			<GetGroundStatus Properly Grounded <GetOutletMode 1 Idle <GetOutletMode 2 Idle <GetOutletMode 3 Idle <GetOutletMode 4 Idle <GetOutletMode 5 Idle <GetOutletMode 6 Idle <GetOutletMode 7 Idle <GetOutletMode 8 Idle <GetOutletPowerOnTime 1 2s <GetOutletPowerOnTime 2 2s <GetOutletPowerOnTime 3 2s <GetOutletPowerOnTime 4 2s <GetOutletPowerOnTime 5 2s <GetOutletPowerOnTime 6 2s <GetOutletPowerOnTime 7 2s <GetOutletPowerOnTime 8 2s <GetOutletPowerOffTime 1 2s <GetOutletPowerOffTime 2 3s <GetOutletPowerOffTime 3 4s <GetOutletPowerOffTime 4 5s <GetOutletPowerOffTime 5 6s <GetOutletPowerOffTime 6 7s <GetOutletPowerOffTime 7 8s <GetOutletPowerOffTime 8 9s <GetOutletPowerRestaTime 1 2s <GetOutletPowerRestaTime 2 3s <GetOutletPowerRestaTime 3 4s <GetOutletPowerRestaTime 4 5s <GetOutletPowerRestaTime 5 6s <GetOutletPowerRestaTime 6 7s <GetOutletPowerRestaTime 7 8s <GetOutletPowerRestaTime 8 9s <GetOutletEleResetTime 1 10s <GetOutletEleResetTime 2 10s <GetOutletEleResetTime 3 10s <GetOutletEleResetTime 4 10s <GetOutletEleResetTime 5 10s <GetOutletEleResetTime 6 10s <GetOutletEleResetTime 7 10s <GetOutletEleResetTime 8 10s <GetOutletDCVoltage 1 5V <GetOutletDCVoltage 2 9V <GetOutletDCVoltage 3 9V <GetOutletDCVoltage 4 9V <GetOutletDCVoltage 5 9V <GetOutletDCVoltage 6 9V <GetOutletDCVoltage 7 9V <GetOutletDCVoltage 8 9V <GetOutletDCVoltageOffset 1 1 <GetOutletDCVoltageOffset 2 1 <GetOutletDCVoltageOffset 3 1 <GetOutletDCVoltageOffset 4 1 <GetOutletDCVoltageOffset 5 1 <GetOutletDCVoltageOffset 6 1 <GetOutletDCVoltageOffset 7 1 <GetOutletDCVoltageOffset 8 1 <GetSafeMode Outlet_Shutdown <GetStandbyMode All_Standby_Mode

			<GetOverloadRetryCnt 1 <GetOverloadRetryTime 3mins <GetBeeperTime 10s <TCP/IP1 DHCP On <TCP/IP1 IP Address 192.168.000.178 <TCP/IP1 Gateway Address 192.168.000.001 <TCP/IP1 Subnet Mask 255.255.255.000 <MAC1 Address 00:0C:43:28:80:BB <TCP/IP2 DHCP On <TCP/IP2 IP Address 192.168.000.179 <TCP/IP2 Gateway Address 192.168.000.001 <TCP/IP2 Subnet Mask 255.255.255.000 <MAC2 Address 00:0C:43:28:80:AA <mDNS On <mDNS Name Lindy-32616 <TCP/IPv61 Protocol Off <TCP/IPv61 DHCP Off <TCP/IPv61 IP Address <TCP/IPv61 Gateway Address1 <TCP/IPv61 Gateway Address2 <TCP/IPv62 Protocol Off <TCP/IPv62 DHCP Off <TCP/IPv62 IP Address <TCP/IPv62 Gateway Address1 <TCP/IPv62 Gateway Address2
>GetOutletStatus	Get the status of a single outlet. >GetOutletStatus [Param1] Param1 = 0-8 0: All Outlets 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8	>GetOutletStatus 1	<Outlet 1 On
>GetSensorCfg	Get the sensor configuration >GetSensorCfg	>GetSensorCfg	<Lindy-32616 <V1.0.0 <GetSensor1PowerStatus Off <GetSensor1Protocols 1-wire <GetSensor1Type Tem <GetSensor1Address BE <GetSensor1Beeper Off <GetSensor1ValueMax 10 <GetSensor1ValueMin 0 <GetSensor1Unit 1 <GetSensor1Response 1 NoAction <GetSensor1Response 2 NoAction <GetSensor1Response 3 NoAction

			<GetSensor1Response 4 NoAction <GetSensor1Response 5 NoAction <GetSensor1Response 6 NoAction <GetSensor1Response 7 NoAction <GetSensor1Response 8 NoAction <GetSensor1Trigger 1 NoTrigger <GetSensor1Trigger 2 NoTrigger <GetSensor1Trigger 3 NoTrigger <GetSensor1Trigger 4 NoTrigger <GetSensor1Trigger 5 NoTrigger <GetSensor1Trigger 6 NoTrigger <GetSensor1Trigger 7 NoTrigger <GetSensor1Trigger 8 NoTrigger <GetSensor1Delay 1 10s <GetSensor1Delay 2 10s <GetSensor1Delay 3 10s <GetSensor1Delay 4 10s <GetSensor1Delay 5 10s <GetSensor1Delay 6 10s <GetSensor1Delay 7 10s <GetSensor1Delay 8 10s <GetSensor2PowerStatus Off <GetSensor2Protocols 1-wire <GetSensor2Type Tem <GetSensor2Address BE <GetSensor2Beeper Off <GetSensor2Valuemax 10 <GetSensor2Valuemin 0 <GetSensor2Unit 1 <GetSensor2Response 1 NoAction <GetSensor2Response 2 NoAction <GetSensor2Response 3 NoAction <GetSensor2Response 4 NoAction <GetSensor2Response 5 NoAction <GetSensor2Response 6 NoAction <GetSensor2Response 7 NoAction <GetSensor2Response 8 NoAction <GetSensor2Trigger 1 NoTrigger <GetSensor2Trigger 2 NoTrigger <GetSensor2Trigger 3 NoTrigger <GetSensor2Trigger 4 NoTrigger <GetSensor2Trigger 5 NoTrigger <GetSensor2Trigger 6 NoTrigger <GetSensor2Trigger 7 NoTrigger <GetSensor2Trigger 8 NoTrigger <GetSensor2Delay 1 10s <GetSensor2Delay 2 10s <GetSensor2Delay 3 10s

			<GetSensor2Delay 4 10s <GetSensor2Delay 5 10s <GetSensor2Delay 6 10s <GetSensor2Delay 7 10s <GetSensor2Delay 8 10s
>GetElesta	Get the electricity information, such as power consumption, voltage, current, etc.	>GetElesta	<Lindy-32616 <V1.0.0 <Voltage 231.575V <Input Current 0.145A <Total Power 3.670W <Total Energy Consumed 0.000342kWh <Power Factor 0.11 <Frequency 49.95Hz <GetOutletVoltage 1 0.00V <GetOutletVoltage 2 0.00V <GetOutletVoltage 3 0.00V <GetOutletVoltage 4 0.00V <GetOutletVoltage 5 0.00V <GetOutletVoltage 6 0.00V <GetOutletVoltage 7 0.00V <GetOutletVoltage 8 0.00V <GetOutletCurrent 1 0.00A <GetOutletCurrent 2 0.00A <GetOutletCurrent 3 0.00A <GetOutletCurrent 4 0.00A <GetOutletCurrent 5 0.00A <GetOutletCurrent 6 0.00A <GetOutletCurrent 7 0.00A <GetOutletCurrent 8 0.00A <GetOutletPower 1 0.00W <GetOutletPower 2 0.00W <GetOutletPower 3 0.00W <GetOutletPower 4 0.00W <GetOutletPower 5 0.00W <GetOutletPower 6 0.00W <GetOutletPower 7 0.00W <GetOutletPower 8 0.00W <GetOutletConsumed 1 0.000000kWh <GetOutletConsumed 2 0.000000kWh <GetOutletConsumed 3 0.000000kWh <GetOutletConsumed 4 0.000000kWh <GetOutletConsumed 5 0.000000kWh <GetOutletConsumed 6 0.000000kWh <GetOutletConsumed 7 0.000000kWh <GetOutletConsumed 8 0.000000kWh
>GetFwVersion	Get the firmware version.	>GetFwVersion	<GetFW Version: V1.0.0 <GetGUI Version: V1.0.0
>SetDeviceName	Set the name of the device. >SetDeviceName: [Param1] [Param1] should be the nickname you want to set. (14 characters maximum)	>SetDeviceName: Lindy-32616	<Device Name: Lindy-32616

>SetPower	Enter/Exit the standby mode. >SetPower [Param1] [Param1] = On,Off On - Power on Off - Power off	>SetPower On >SetPower Off	<System Power On, Please Wait A Moment... Done <System Power Off
>SetKeyLock	To lock/unlock the button on the front panel of the device. >SetKeyLock [Param1] [Param1] = On,Off On - <GetKeyStatus Off Off - <GetKeyStatus On	>SetKeyLock On >SetKeyLock Off	<KeyLock On <KeyLock Off
>SetSelectKeyLock	Lock/unlock the voltage selector button on the rear panel. >SetSelectKeyLock [Param1] Param1 = On,Off On - <GetSelectKeyStatus Off Off - <GetSelectKeyStatus On	>SetSelectKeyLock On >SetSelectKeyLock Off	<SelectKeyLock On <SelectKeyLock Off
>SetVoltageThreshold	Set a voltage threshold for the system. >SetVoltageThreshold [Param1] [Param1] =198-264	>SetVoltageThreshold 222	<System Voltage Threshold 222V
>SetSafeMode	Set an action of what the system will do when it goes overloaded. >SetSafeMode [Param1] [Param1] = 0-2 0: Outlet_Shutdown 1: System_Shutdown 2:Auto_Retry	>SetSafeMode 0 >SetSafeMode 1 >SetSafeMode 2	<System Safe Mode: Outlet_Shutdown <System Safe Mode: System_Shutdown <System Safe Mode: Auto_Retry
>SetOverloadRetryCnt	Set the times of the system will reboot when it goes overloaded. >SetOverloadRetryCnt [Param1] [Param1] = 1-3 1(Default)	>SetOverloadRetryCnt 1 >SetOverloadRetryCnt 2 >SetOverloadRetryCnt 3	<System Retry Number 1 <System Retry Number 2 <System Retry Number 3
>SetOverloadRetryTime	Set a delayed time for the system to reboot when it goes overloaded. (unit is minutes) >SetOverloadRetryTime [Param1] [Param1] = 1-10 3(Default)	>SetOverloadRetryTime 1	<System Retry Delay Time 1mins
>SetStandbyMode	Set a standby mode for the system. >StandbyMode [Param1] [Param1] = 0-1 0: All_Standby_Mode 1: Sleep_Mode	>SetStandbyMode 0 >SetStandbyMode 1	<System Standby Mode: All_Standby_Mode <System Standby Mode: Sleep_Mode
>SetRs232Baud	Set a baudrate for RS232 >SetRs232Baud [Param1] [Param1] = 1-7 1: 2400 2: 4800 3: 9600 4: 19200 5: 38400 6: 57600(Default), 7: 115200	>SetRs232Baud 6	<RS232Baud 57600
>SetRs232Out	RS232 Passthrough >SetRs232Out [Param1][Param2][Param3][Param4] [Param1] = a,h a: ASCII	>SETRS232OUT a:6:1:RS232	RS232

	h: HEX [Param2] = 1-7 1: 2400 2: 4800 3: 9600 4: 19200 5: 38400 6: 57600(Default), 7: 115200 [Param3] = 1-3 1: None 2: Even 3: Odd Param4 = string		
>SetBeeperTime	Set buzzer duration of time. (unit is seconds) >SetBeeperTime [Param1] [Param1] = 0: 9999 10(Default)	>SetBeeperTime 10	<Buzzer Sound Time 10s
>SetOutletTime	Set a delay time for an outlet to turn on/off. (unit is seconds) >SetOutlet[Param1]Time [Param2][Param3] [Param1] =On,Off [Param2] = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 [Param3] = 2-9999 (On)/ 0-9999 (Off)	>SetOutletOnTime 1:2 >SetOutletOffTime 1:1	<Outlet 1 Power_On Delay 2s <Outlet 1 Power_Off Delay 1s
>SetOutletRestaTime	Set a delay time for an outlet to restart (unit is in seconds) >SetOutletRestaTime [Param1]:[Param2] Param1 = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 Param2 = 2-9999	>SetOutletRestaTime 1:2	<Outlet 1 Power_Resta Delay 2s
>SetOutletEleResetTime	Set the outlet power reset delay time, in seconds. >SetOutletEleResetTime[Param1][Param2] Param1 = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7	>SetOutletEleResetTime 1:10	<Outlet 1 Electrical Work Reset Duration 10s

	8: Outlet8 [Param2] = 0-9999 10(Default)		
>SetAllOut	Set on/off all the outlets. >SetAllOut [Param1] [Param1] = On,Off	>SetAllOut On >SetAllOut Off	<All Outlets On <All Outlets Off
>SetOutlet	Set on/off a single outlet. >SetOutlet [Param1][Param2] Param1 = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 Param2 = On,Off,Resta	>SetOutlet 1 On	<Outlet 1 On
>SetAllVolt	Set the voltage values for all outlets. >SetAllVolt [Param1] Param1 = 5,9,12,24 5: 5V 9: 9V 12: 12V 24: 24V	>SetAllVolt 5	<All Outlets Voltage Status 5V
>SetOutVolt	Set the voltage values for single outlet. >SetAllVolt [Param1][Param2] Param1 = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 Param2 = 5,9,12,24 5: 5V 9: 9V 12: 12V 24: 24V	>SetOutVolt 1: 24	<Outlet 1 Voltage Status 24V
>SetVoltOffset	Set the voltage step size. >SetVoltOffset [Param1]:[Param2] Param1 = 0-8 0: All 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 Param2 = 0,1,2 0-2 Depend On Different Voltage	>SetVoltOffset 1:1	<Outlet 1 Off <Outlet 1 Voltage Offset 1
>RsAllOutEle	Reset the metered values for all outlets.	>RsAllOutEle	<Clean Up Electrical Work: All Outlets
>RsOutEle	Reset the metered values for a outlet. >RsOutEle [Param1] [Param1] = 1-4	>RsOutEle 1	<Clean Up Electrical Work: Outlet 1

	1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8		
>GetSysTime	Get the time of the date and time of the system.	>GetSysTime	<GetSystemTime: 2023-05-11 02:47:16 Thu
>SetSysTime	Set the date and time for the device: >SetSysTime [Param1] [Param1] = year-month-day;hour-minutes-seconds	>SetSysTime 2025-03-18;11-26-59	<SetSystemTime: 2025-03-18 11:26:59
>SetSensor1/Sensor2Power	Set the on/off state of Sensor1/Sensor2 >Set [Param1] Power [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 0-1 0: Off 1: On	>SetSensor1Power 1 >SetSensor2Power 1	<Sensor1 Power On <Sensor2 Power On
>SetSensor1/Sensor2Protocols	Set Sensor1/Sensor2 protocol >Set [Param1] Protocols [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 1-5 1: 1-wire(wiring2,3,6) 2: I2C(wiring2,3,7,8) 3: Modbus-RTU-RS485(wiring1,2,4,5) 4: Door(wiring2,6) 5: Relay Switch(wiring1,2,6)	>SetSensor1Protocols 1 >SetSensor2Protocols 1	<Sensor1 Protocols 1-wire(wiring2,3,6) <Sensor2 Protocols 1-wire(wiring2,3,6)
>SetSensor1/Sensor2Type	Set Sensor1/Sensor2 type >Set [Param1] Type [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 1-7 1: Temperature 2: Humidity 3: Temperature And Humidity 4: Air Pressure 5: Other Data 6: Normally Open 7: Normally Close	>SetSensor1Type 1 >SetSensor2Type 1	<Sensor1 Type Temperature <Sensor2 Type Temperature
>SetSensor1/Sensor2Address	Set the data address for Sensor1/Sensor2 >Set [Param1] Address [Param2] [Param1] = Sensor1, Sensor2 [Param2] = [00-FF] or [0000:FFFF]	>SetSensor1Address 0E >SetSensor2Address 0E	<Sensor1 Data Address 0E <Sensor1 Data Address 0E
>SetSensor1/Sensor2MSAddress	Set the slave addresses of Sensor1/Sensor2 >Set [Param1] Msaddress [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 00-FF	>SetSensor1MSAddress 02 >SetSensor2MSAddress 02	<Sensor1 Slave Station Address 02 <Sensor2 Slave Station Address 02
>SetSensor1/Sensor2MFuncCode	Set Sensor1/Sensor2 function codes >Set [Param1] MFuncCode [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 03 or 04	>SetSensor1MFuncCode 03 >SetSensor2MFuncCode 03	<Sensor1 Function Code 03 <Sensor2 Function Code 03
>SetSensor1/Sensor2ValueMax	Set the maxmum value of Sensor1/Sensor2 >Set[Param1] ValueMax [Param2]	>SetSensor1ValueMax 30	<Sensor1 Max Value 30 <Sensor2 Max Value 30

	[Param1] = Sensor1, Sensor2 [Param2] = [-9999, 9999]	>SetSensor2ValueMax 30	
>SetSensor1/Sensor 2ValueMin	Set the minimum value of Sensor1/Sensor2 >Set[Param1] ValueMin [Param2] [Param1] = Sensor1, Sensor2 [Param2] = [-9999, 9998]	>SetSensor1ValueMin 20 >SetSensor2ValueMin 20	<Sensor1 Min Value 20 <Sensor2 Min Value 20
>SetSensor1/Sensor 2Unit	Set Sensor1/Sensor2 units >Set [Param1] Unit [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 1-3 1: ℃ 2: %RH 3: hPa	>SetSensor1Unit 1 >SetSensor2Unit 1	<Sensor1 Unit ℃ <Sensor2 Unit ℃
>SetSensor1/Sensor 2Beeper	Set the buzzer switch for Sensor1/Sensor2 >Set [Param1] Beeper [Param2] [Param1] = Sensor1, Sensor2 [Param2] = On,Off	>SetSensor1Beeper On >SetSensor2Beeper On	<Sensor1 Beeper On <Sensor2 Beeper On
>SetSensor1/Sensor 2OutletMode	Set the channel to respond to actions of Sensor1/Sensor2. >Set [Param1] OutletMode [Param2]:[Param3] [Param1] = Sensor1, Sensor2 [Param2] = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 [Param3] = 1-4 1: NoAction 2: Power On 3: Power Off 4: Restart	>SetSensor1OutletMod e 1:2 >SetSensor2OutletMod e 1:2	<Outlet 1 Response Sensor1 Mode Power On <Outlet 1 Response Sensor2 Mode Power On
>SetSensor1/Sensor 2OutletTrigger	Set the trigger conditions for the channel response sensor >Set [Param1] OutletTrigger [Param2]:[Param3] [Param1] = Sensor1, Sensor2 [Param2] = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 [Param3] = 1-6 1: No Trigger 2: Max Trigger 3: Min Trigger 4: Min-Max 5: On 6: Off	>SetSensor1OutletTrig ger 1:2 >SetSensor2OutletTrig ger 1:2	<Outlet 1 Response Sensor1 Trigger Max <Outlet 1 Response Sensor2 Trigger Max
>SetSensor1/Sensor 2OutletDelay	Set the delay time for the channel to respond to the actions executed by	>SetSensor1OutletDela y 1:10	<Outlet 1 Response Sensor1 Delay 10s

	Sensor1/Sensor2. >Set [Param1] OutletDelay [Param2]:[Param3] [Param1] = Sensor1, Sensor2 [Param2] = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 [Param3] = 0-9999		
>GetSensor1/Sensor 2Current	Get the current value of Sensor1/Sensor2	>GetSensor1Current	<Get Sensor1 Current Temperature Value N/A
>GetNetTcp/Ip List	Get the current network IP	>GetNetTcp/Ip List	<List Current TCP/IP Address
>SetNetTcp/IpEnable	Enable/Disable the TCP/IP: >SetNetTcp/IpEnable [Param1] [Param1] = 1-2 1: TCP/IP1 2: TCP/IP2	>SetNetTcp/IpEnable 1 >SetNetTcp/IpEnable 2	<TCP/IP1 Enable <TCP/IP2 Enable
>SetNetTcp/Ip1Dhcp	Turn on/off the DHCP for TCP/IP1: >SetNetTcp/Ip1Dhcp [Param1] [Param1] = On,Off	>SetNetTcp/Ip1Dhcp On >SetNetTcp/Ip1Dhcp Off	<TCP/IP1 DHCP On <TCP/IP1 DHCP Off
>SetNetTcp/Ip1Ip	Set an IP address for TCP/IP1: >SetNetTcp/Ip1Ip [Param1] [Param1] = XXX.XXX.XXX.XXX	>SetNetTcp/Ip1Ip 192.168.000.001	<TCP/IP1 IP Address 192.168.000.001
>SetNetTcp/Ip1Gw	Set a gateway for TCP/IP1: >SetNetTcp/Ip1Gw [Param1] [Param1] = XXX.XXX.XXX.XXX	>SetNetTcp/Ip1Gw 192.168.000.254	<TCP/IP1 Gateway Address 192.168.000.254
>SetNetTcp/Ip1Sm	Set a subnet mask for TCP/IP1: >SetNetTcp/Ip1Sm [Param1] [Param1] = XXX.XXX.XXX.XXX	>SetNetTcp/Ip1Sm 192.168.000.254	<TCP/IP1 Subnet Mask 192.168.000.254
>SetNetTcp/Ip2Dhcp	Turn on/off the DHCP of TCP/IP2: >SetNetTcp/Ip2Dhcp [Param1] [Param1] = On,Off	>SetNetTcp/Ip2Dhcp On >SetNetTcp/Ip2Dhcp Off	<TCP/IP2 DHCP On <TCP/IP2 DHCP Off
>SetNetTcp/Ip2Ip	Set an IP address for TCP/IP2: >SetNetTcp/Ip2Ip [Param1] [Param1] = XXX.XXX.XXX.XXX	>SetNetTcp/Ip2Ip 192.168.000.001	<TCP/IP2 IP Address 192.168.000.001
>SetNetTcp/Ip2Gw	Set the gateway for TCP/IP2: >SetNetTcp/Ip2Gw [Param1] [Param1] = XXX.XXX.XXX.XXX	>SetNetTcp/Ip2Gw 192.168.000.254	<TCP/IP2 Gateway Address 192.168.000.254
>SetNetTcp/Ip2Sm	Set the subnet mask for TCP/IP2 >SetNetTcp/Ip2Sm [Param1] [Param1]	>SetNetTcp/Ip2Sm 192.168.000.254	<TCP/IP2 Subnet Mask 192.168.000.254
>SetNetMdns	Turn on/off the mDNS >SetNetMdns [Param1] [Param1] = On,Off	>SetNetMdns On >SetNetMdns Off	<mDNS On <mDNS Off
>SetNetRb	Reboot the IP service	>SetNetRb	<Network Reboot And Apply New Config
>FactoryReset	Factory Reset the device.	>FactoryReset	<FactoryReset
>Reboot	Restart the MCU	>Reboot	<Reboot
>Resta	All outlets restart	>Resta	<System Restart

Lindy überprüft und testet regelmäßig unsere Produktpalette, um maximale Kompatibilität und Leistung zu gewährleisten. Die aktuellste Version dieses Handbuchs finden Sie auf Ihrer lokalen Lindy-Website. Suchen Sie nach der entsprechenden Teilenummer und finden Sie das Handbuch unter Downloads.

Introduction

Nous sommes heureux que votre choix se soit porté sur un produit LINDY et vous remercions de votre confiance. Vous pouvez compter à tout moment sur la qualité de nos produits et de notre service. Ce commutateur DC IPower 8 ports est soumis à une durée de garantie LINDY de 3 année(s) et d'une assistance technique gratuite à vie. Merci de lire attentivement ces instructions et de les conserver pour future référence.

Ce commutateur IPower est conçu pour la gestion et la surveillance de l'alimentation via TCP/IP, afin d'offrir une gestion à distance pratique de l'alimentation. Les administrateurs système peuvent contrôler l'alimentation de plusieurs appareils grâce à des tensions de sortie de 5/9/12/24V par port, ce qui permet d'activer et de désactiver l'alimentation tout en surveillant la consommation d'énergie via une interface graphique Web conviviale, des commandes RS-232 ou des commandes API. De plus, deux ports de capteurs peuvent être utilisés pour connecter des capteurs environnementaux externes.

Consignes de sécurité

! ATTENTION !



Merci de lire attentivement ces instructions de sécurité et de les conserver avec le produit.
Le non-respect de ces précautions peut causer un choc électrique entrainant des blessures graves, voire mortelles, un incendie ou des dommages au produit.

Cet appareil est équipé d'une alimentation à découpage et peut fonctionner avec des tensions d'alimentation de 100...240 VAC.

Toucher les composants internes ou un câble endommagé peut provoquer un choc électrique qui peut entraîner la mort.
Pour réduire les risques d'incendie, de choc électrique ou de dommages:

- Ne pas ouvrir le produit. Il ne contient pas d'éléments réparables.
- Seul un personnel d'entretien qualifié est autorisé à effectuer toute réparation ou entretien.
- Ne jamais utiliser de câble endommagé.
- Ne pas mouiller le produit et ne pas l'exposer à l'humidité.
- Ne pas utiliser ce produit à l'extérieur, il est réservé à un usage intérieur.
- Ne pas placer le produit à proximité de sources de chaleur. Toujours le placer dans un endroit suffisamment ventilé.
- Ne pas déposer de charge lourde sur le produit ou sur les câbles.

Veuillez vous assurer que tous les câbles sont solidement fixés et verrouillés en place avant de les insérer dans une prise de courant.

Informations sur la sécurité et la santé : Les produits LINDY sont conçus pour une utilisation sûre et efficace. Veuillez consulter ce guide pour obtenir des informations essentielles sur la sécurité et la santé, ainsi que des détails sur la garantie limitée de votre produit. Le respect de ces instructions d'installation, d'utilisation et d'entretien améliore le confort, la productivité et la sécurité. Le non-respect de ces instructions peut entraîner un choc électrique, un incendie, des blessures graves ou des dommages au produit ou à la propriété. Une assistance supplémentaire est disponible sur www.lindy.com.
Avertissement : Tenir hors de portée des enfants. Les produits et accessoires LINDY ne sont pas des jouets et ne doivent pas être manipulés par de jeunes enfants, car ils peuvent causer des blessures ou des dommages.
Risque de suffocation : Pour les produits contenant ou fournis dans des sacs en plastique, garder les sacs hors de portée des bébés et des enfants afin d'éviter tout risque de suffocation.
Sécurité de l'alimentation électrique : S'applique aux produits utilisant une alimentation en courant alternatif. Utilisez uniquement le bloc d'alimentation CA original ou compatible spécifié pour votre produit. Le non-respect de cette consigne peut entraîner un choc électrique, un incendie, des blessures graves ou des dommages au produit.
Utilisation correcte : Conservez l'appareil à l'abri de l'humidité, notamment de la pluie, de la neige ou de l'eau, et évitez de le placer à proximité de sources de chaleur, d'aliments, de saletés excessives, de

poussière, d'huile, de produits chimiques ou de la lumière directe du soleil. Pour les appareils dotés de ports, évitez d'y insérer des objets, de laisser la poussière s'accumuler ou d'utiliser des sources de chaleur telles qu'un sèche-cheveux ou un four à micro-ondes pour le sécher. Si l'appareil est mouillé, essuyez délicatement l'extérieur avec un chiffon sec.
Utilisation à haut risque : Ce produit n'est pas destiné à des applications dont la défaillance pourrait entraîner la mort, des blessures graves ou des dommages environnementaux importants (« utilisation à haut risque »). L'utilisation dans de telles applications se fait à vos risques et périls.
Atmosphères explosives : Ne stockez pas et ne transportez pas de matériaux inflammables ou explosifs à côté de ce produit ou de ses accessoires. Débranchez et éteignez toujours le produit, et évitez de le charger dans des zones où l'atmosphère est potentiellement explosive.
Connecteurs et ports de câbles : Pour éviter les chocs ou les incendies lors de l'utilisation de connecteurs avec une alimentation électrique, évitez tout contact pendant l'utilisation. Gardez les connecteurs à l'abri de l'humidité, de la saleté et des contaminants. Cessez d'utiliser l'appareil et contactez le service d'assistance si l'un des connecteurs semble endommagé.
Nettoyage : Pour minimiser les risques d'incendie, d'électrocution ou d'endommagement du produit, débranchez tous les câbles et mettez l'appareil et les accessoires hors tension avant de les nettoyer. Utilisez un chiffon sec pour nettoyer l'extérieur uniquement. Évitez d'insérer des objets dans les ports et ne plongez pas les connecteurs dans des liquides ; au contraire, essuyez-les et séchez-les soigneusement.
Risque lié aux réparations : Tenter d'ouvrir ou de réparer ce produit peut vous exposer à des risques d'électrocution, d'incendie ou de blessure. LINDY recommande fortement de faire appel à des services de réparation professionnels, car les réparations non autorisées peuvent annuler votre garantie.
ATTENTION
Irritation de la peau : Ce produit contient des matériaux couramment utilisés dans l'électronique qui peuvent provoquer une irritation de la peau chez certains utilisateurs. Pour réduire ce risque, nettoyez régulièrement votre appareil, évitez d'appliquer des lotions près des zones de contact et cessez d'utiliser l'appareil en cas d'irritation. Consultez votre fournisseur de soins de santé si les symptômes persistent.
Sécurité des câbles : Les câbles exposés peuvent faire trébucher. Disposez les câbles de manière à éviter les risques de trébuchement ou de traction et protégez-les contre les écrasements, les courbures brusques et l'exposition à la chaleur. Inspectez régulièrement les câbles et cessez de les utiliser s'ils sont endommagés. Débrancher les câbles en cas d'orage ou de stockage à long terme.
AVIS
Préoccupations liées à la chaleur : Le produit peut devenir chaud lors d'une utilisation régulière. Évitez tout contact prolongé avec la peau, assurez une ventilation adéquate et utilisez le produit dans des zones bien ventilées afin d'éviter toute surchauffe et tout inconfort.
Dispositifs médicaux personnels : Les émissions électroniques et les champs magnétiques des produits LINDY peuvent interférer involontairement avec des appareils médicaux, malgré la conformité réglementaire. Si vous suspectez une interférence, éteignez immédiatement le produit. Pour obtenir des conseils sur l'utilisation d'appareils électroniques à proximité, consultez le fabricant de votre appareil médical ou votre fournisseur de soins de santé.
Manipulation : Manipulez votre produit LINDY avec précaution. Le produit peut être endommagé en cas de chute, de perforation ou d'exposition à un liquide. Si vous pensez qu'il est endommagé, arrêtez de l'utiliser afin d'éviter tout risque potentiel.

Contenu

- 8 Port DC IPower Switch
- 8x adaptateurs phoenix mâles 2 broches
- Kit de montage avec 2x supports et vis
- Câble RS232 3 broches vers DB9 femelle, 1.35m
- Câbles d'alimentation Schuko, UK, US et AU vers IEC C13, 1.8m
- 4x pieds en caoutchouc
- Manuel LINDY

Caractéristiques

- 8x ports de sortie DC 2 broches pour les appareils
- Prise en charge de 4 niveaux de tension de sortie optionnelle (5/9/12/24V), jusqu'à 30 ou 36W par port
- Entrée alimentation IEC C14 10A
- Contrôle de puissance et surveillance de la tension, du courant et de la consommation électrique
- Gestion via interface Web GUI, RS-232, API et touches du panneau avant
- Protocoles Telnet, Modbus TCP, SSH, SNMP, Watchdog et MQTT pris en charge
- 2x ports réseau RJ-45 redondants
- 2x ports capteurs RJ-45
- Protection contre les surcharges et les erreurs de câblage, et vérification de connexion à distance
- Prend en charge de nombreux protocoles de sécurité, réseau et IoT

Spécification

- Alimentation : 100–240V 50/60Hz 10A
- Consommation sans charge : 2.6W
- Puissance de sortie (outlet) : max. 36W (à 5V jusqu'à 30W)
- Indicateurs LED
- Plage de tension d'entrée : 100–240V (90–264V en réglant le seuil de tension)
- Plage de courant d'entrée : 0–10A
- Plage de fréquence d'entrée : 45–65Hz
- Température de fonctionnement : -5–55°C (23°F–131°F)
- Température de stockage : -20–70°C (-4°F–158°F)
- Humidité relative : 0–95% (sans condensation)

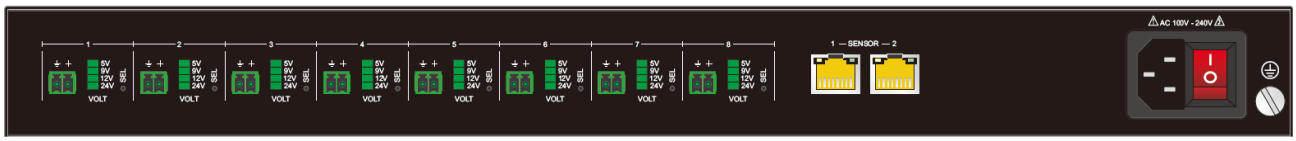
Installation

Face avant



- POWER LED : Vert : appareil sous tension, Rouge : veille.
- BUTTON 1-8 : Gestion manuelle de l'alimentation pour chaque port de sortie.
  État des LED :
  Bleu : port sous tension
  Bleu clignotant : initialisation du port avant la mise sous tension
  Rouge : port de sortie en surcharge
  Rouge clignotant : port de sortie en détection de charge
- RS232 : connexion à un PC, un contrôleur série ou un appareil série via un connecteur phoenix bloc 3 voies pour la transmission en direct des commandes RS-232 et API.
- TCP/IP 1-2 : deux ports RJ-45 redondants pour la connexion réseau, le contrôle et l'accès à l'interface Web GUI.

Face arrière



- OUTLET 1-8 : ports phoenix 2 broches 3.81mm pour alimenter les appareils connectés. Les LED VOLT affichent la tension de sortie 5/9/12/24V sur chaque port (défaut 5V). Bouton SEL à enfoncer pour changer la tension de sortie sur chaque port.
- SENSOR 1-2 : deux ports RJ-45 pour la connexion de capteurs externes. LED d'état du port : Vert : connexion active, Jaune : transfert de données.
- AC 110V~250V : port d'entrée IEC C14 pour alimenter l'appareil (AC 110V~250V 10A) avec interrupteur ON/OFF.
- GROUND : borne de mise à la terre à vis.

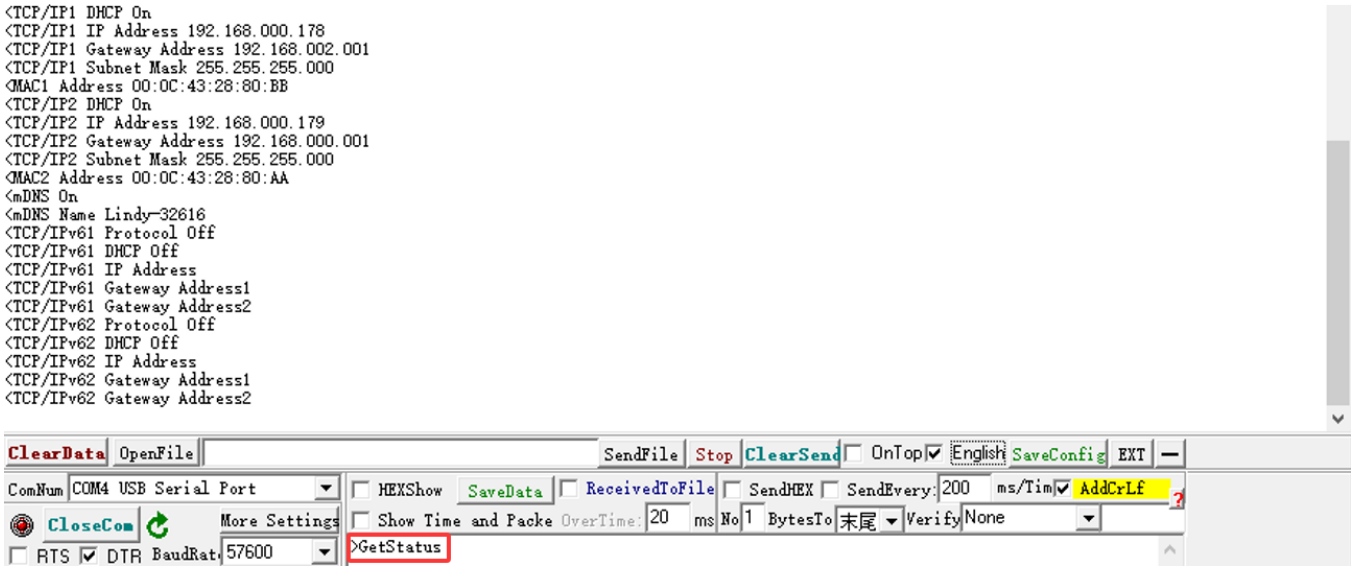
Connectez tous les appareils aux ports OUTLET, puis allumez l'appareil et les appareils connectés.

Utilisation

Interface Web GUI

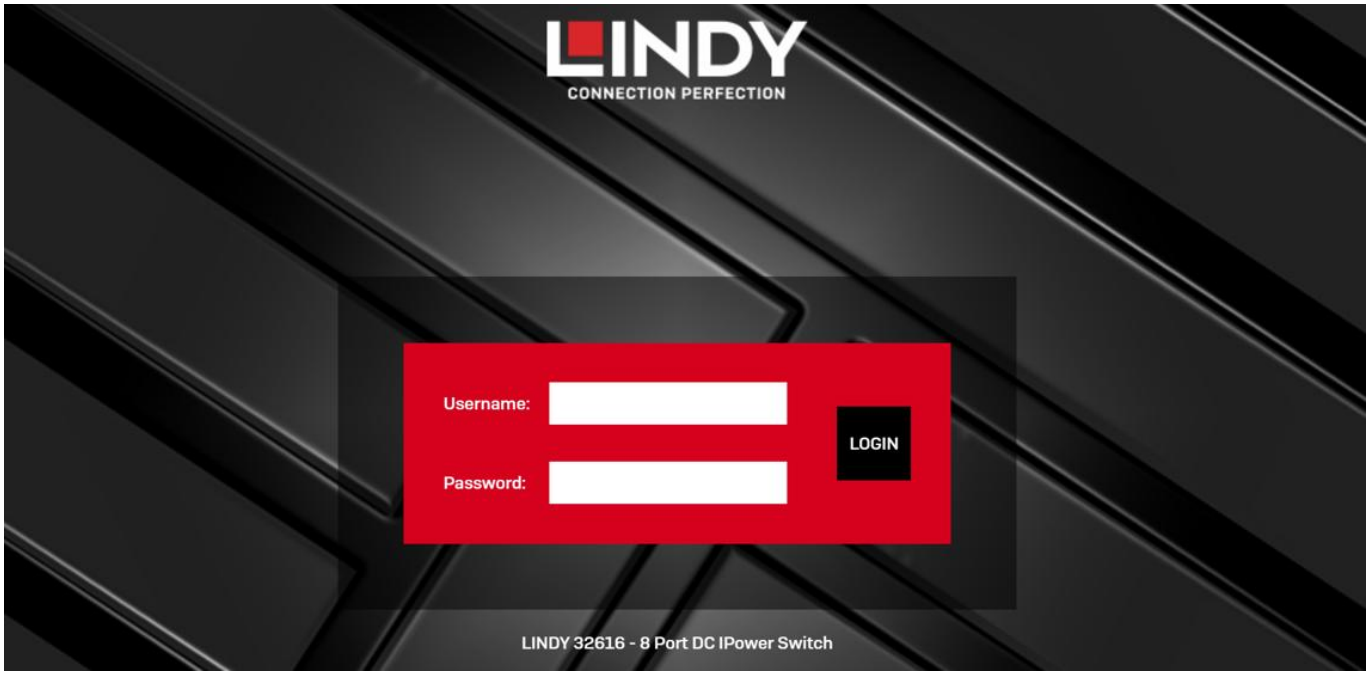
Connectez le port TCP/IP RJ-45 au réseau local ou directement au port TCP/IP 1. Par défaut, l'appareil est configuré en mode DHCP. Pour obtenir automatiquement l'adresse IP attribuée dynamiquement, connectez l'appareil à un réseau compatible DHCP.

Il est possible d'obtenir l'adresse IP actuelle en connectant également l'appareil au port RS232 et en envoyant la commande >getstatus, comme illustré dans la capture d'écran ci-dessous :



S'il n'y a pas de serveur DHCP (tel qu'un routeur) dans le réseau, l'appareil reviendra aux paramètres IP par défaut suivants sur le Port 1 :

Port 1 : 192.168.0.178
Masque de sous-réseau 1 : 255.255.255.0
Passerelle : 192.168.0.1
Port Telnet : 4001
Saisissez l'adresse IP dans le navigateur pour ouvrir la page de connexion.



Nom d'utilisateur par défaut : admin
Mot de passe par défaut : aP?y43Tq
Saisissez le nom d'utilisateur et le mot de passe par défaut, puis cliquez sur LOGIN.

Important : Changez immédiatement le mot de passe par défaut
Pour protéger votre produit et vos données personnelles, vous devez modifier le mot de passe par défaut dès que possible après la configuration.

Ce produit est conforme à la réglementation britannique sur la sécurité des produits et les infrastructures de télécommunications (PSTI), qui exige que tous les mots de passe par défaut soient uniques ou générés par appareil. Cependant, pour maintenir le niveau de sécurité le plus élevé, il est essentiel que vous définissiez votre propre mot de passe fort et mémorable.

Comment changer votre mot de passe :

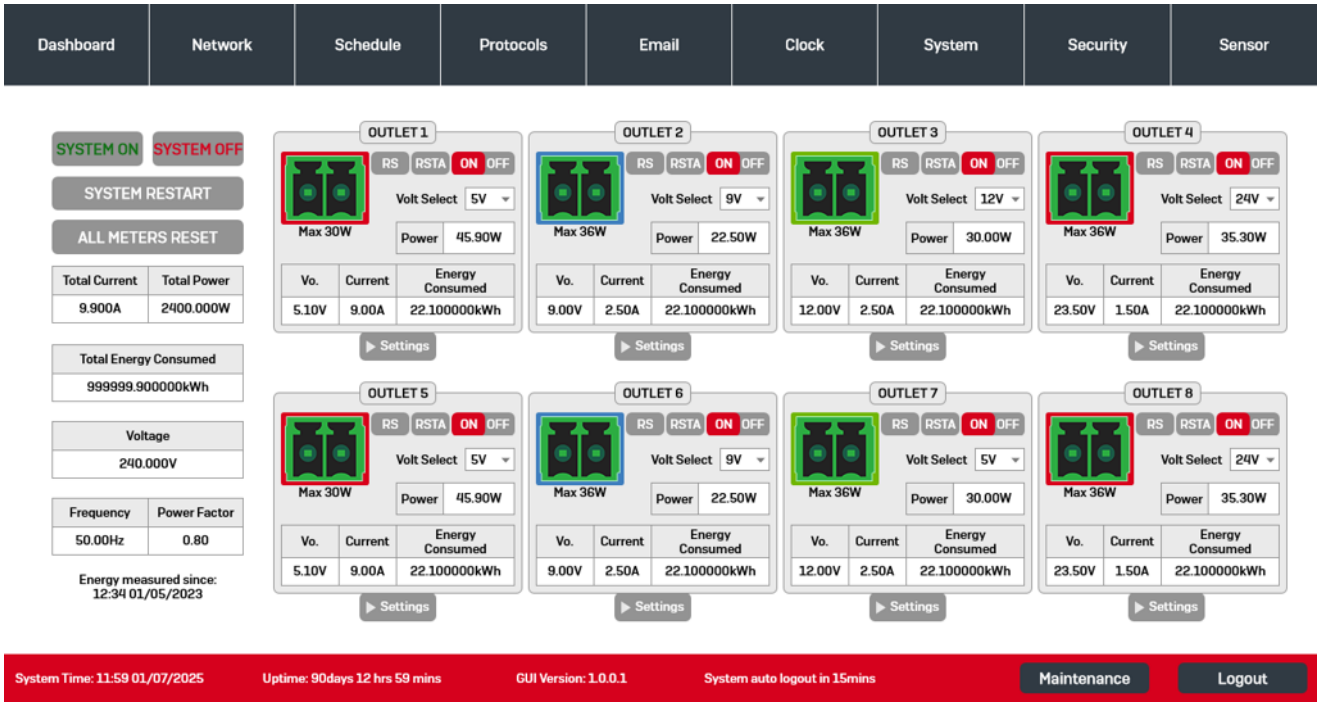
1. Allumez l'appareil et connectez-vous via l'interface Web.
2. Connectez-vous avec les identifiants par défaut indiqués ci-dessus.
3. Accédez à Sécurité > Mot de passe de connexion Web-GUI.
4. Saisissez votre mot de passe actuel, puis le nouveau mot de passe à deux reprises, avant de le confirmer.
5. Enregistrez vos modifications et reconnectez-vous avec le nouveau mot de passe.

Conseils pour un mot de passe fort :

- Utilisez au moins 8 caractères (nous recommandons 12+)
- Incluez des lettres majuscules et minuscules
- Ajoutez des chiffres et des caractères spéciaux (!, @, #, etc.)
- Évitez les mots courants ou les informations personnelles

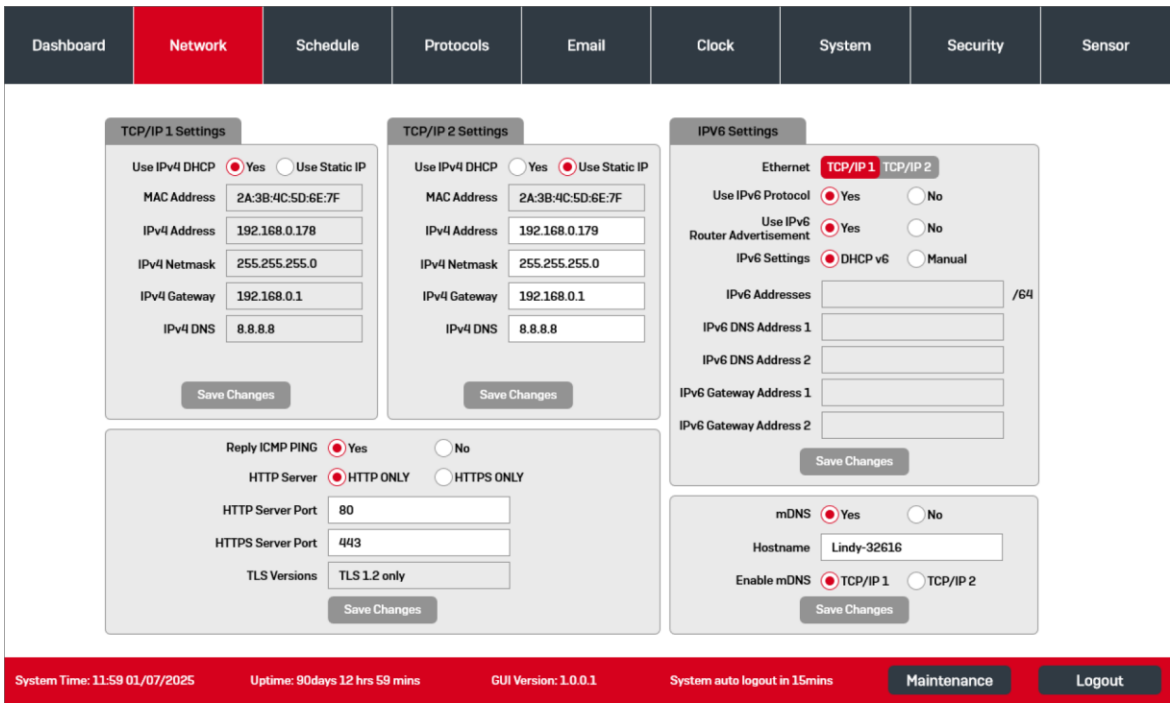
Ne pas changer le mot de passe par défaut peut exposer votre appareil à des risques de sécurité. Si vous avez besoin d'aide, veuillez contacter notre équipe de support client.

Dashboard



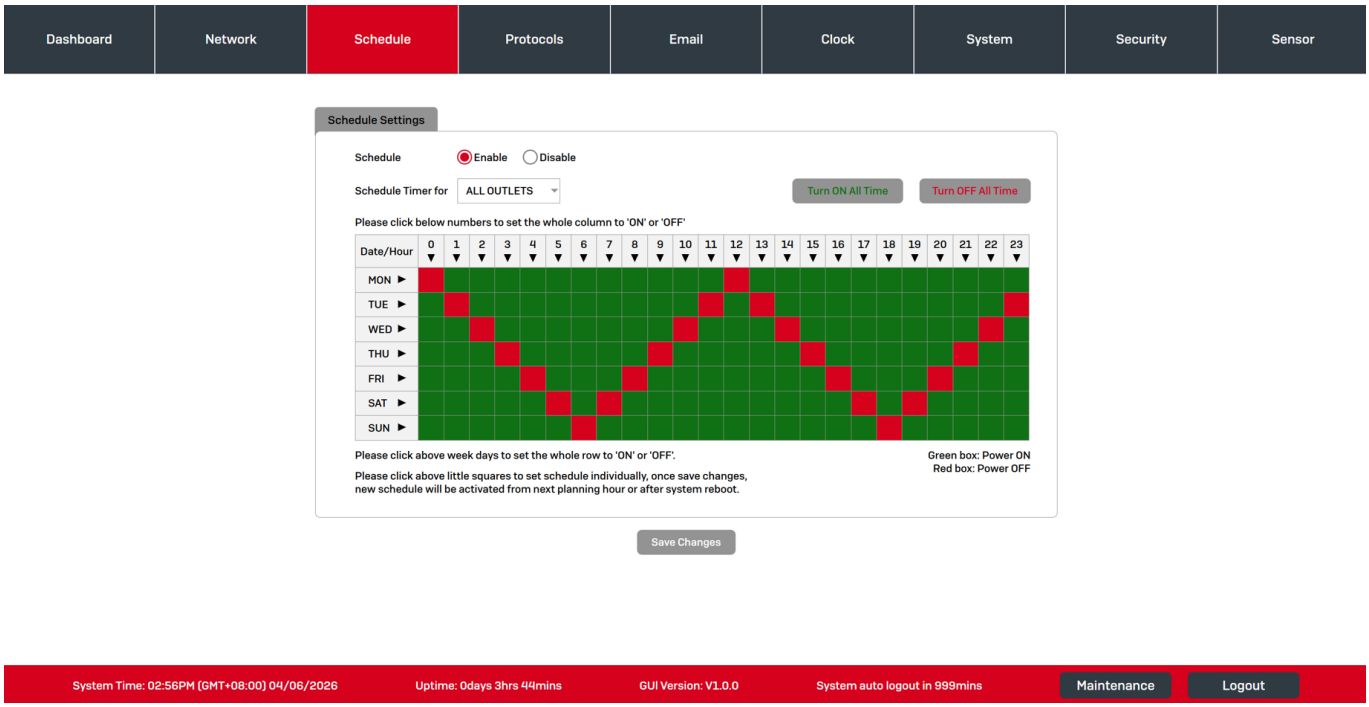
ALL ON/ALL OFF : mettre sous/hors tension toutes les 8 prises.
SYSTEM RESTART : redémarrer l'appareil.
ALL METERS RESET : réinitialiser les compteurs des 8 prises.
OUTLET 1-8
RS : réinitialiser l'énergie consommée.
RSTA : redémarrer.
ON/OFF : allumer/éteindre.
VOLT SELECT : commuter la tension de sortie.
SETTINGS : renommer la prise, définir les délais de remise sous tension et de coupure, définir la durée de réinitialisation des compteurs et définir un décalage de tension positif si la tension aux bornes de sortie est faible.
SAVE CHANGES : cliquer pour enregistrer les paramètres de la prise.

Network



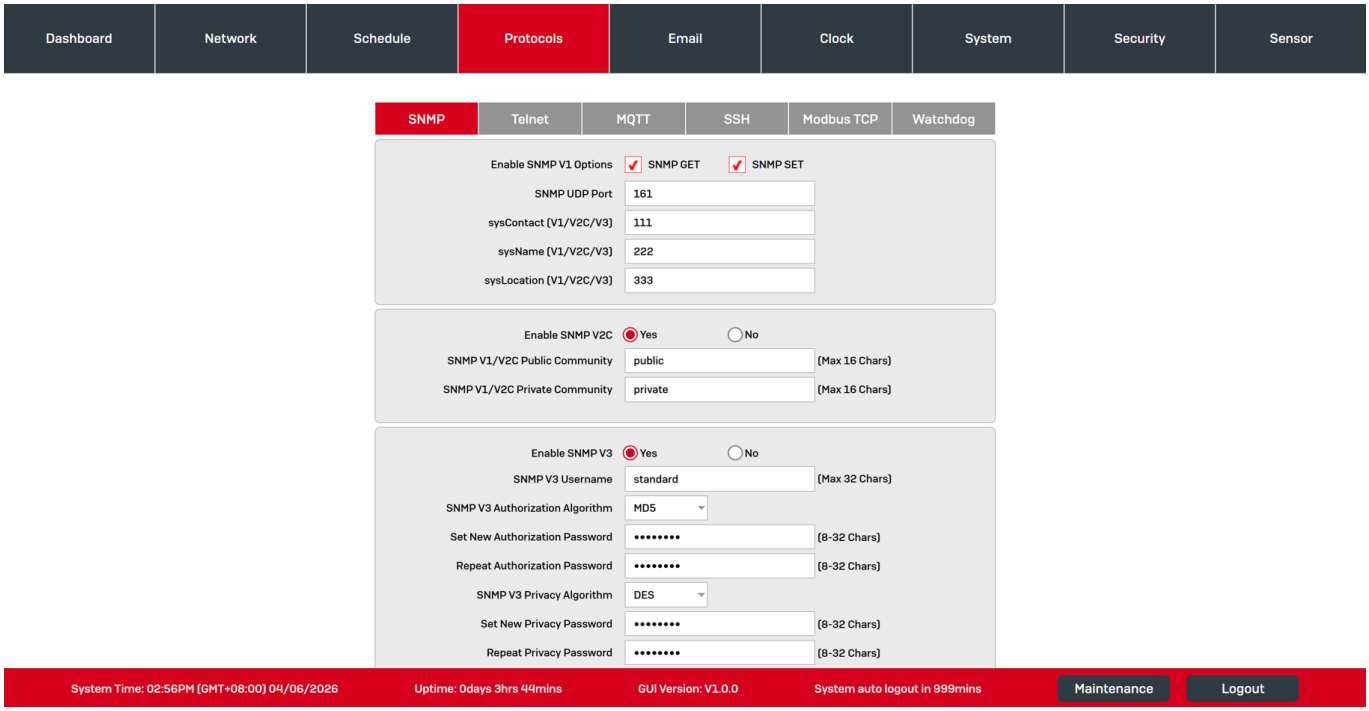
Paramètres réseau, IPv4 et IPv6 pour les deux ports TCP/IP, PING activé/désactivé, serveur HTTP et mDNS.

Schedule



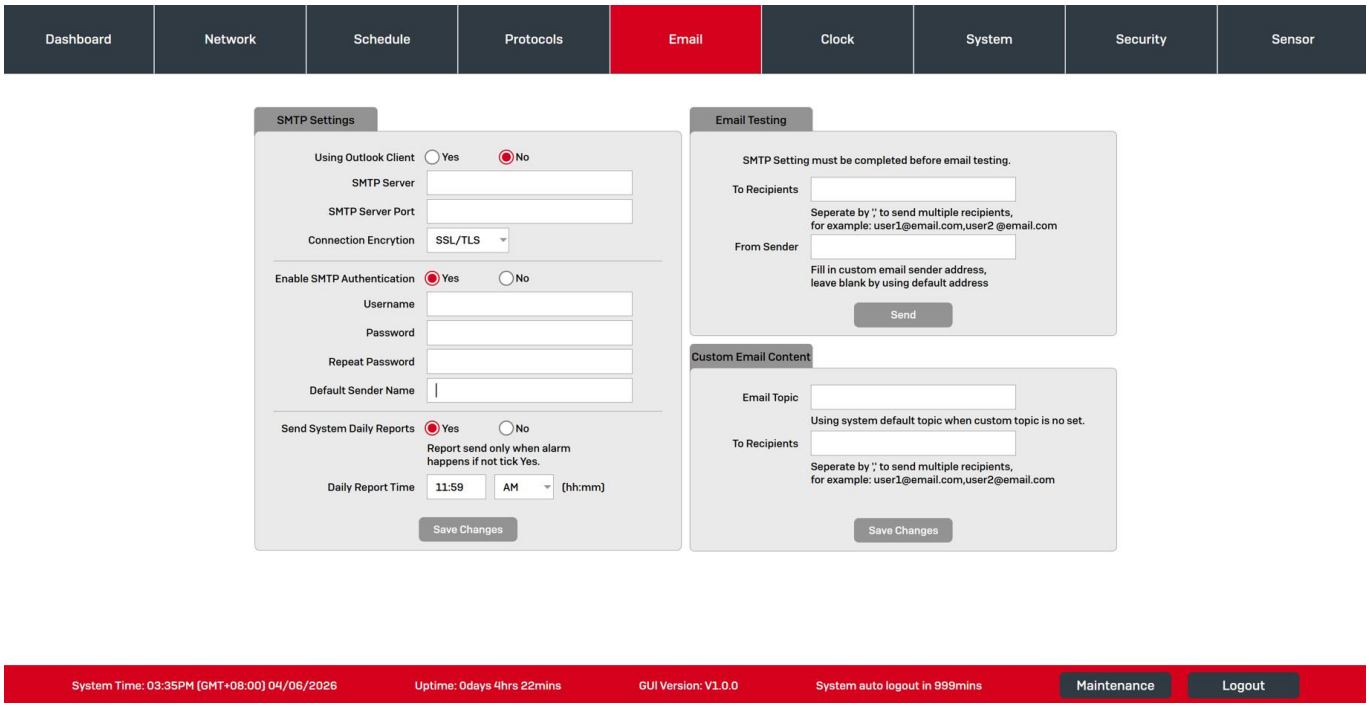
Sélectionnez les prises et programmez l'état marche/arrêt par jours et heures (vert = marche, rouge = arrêt).

Protocols



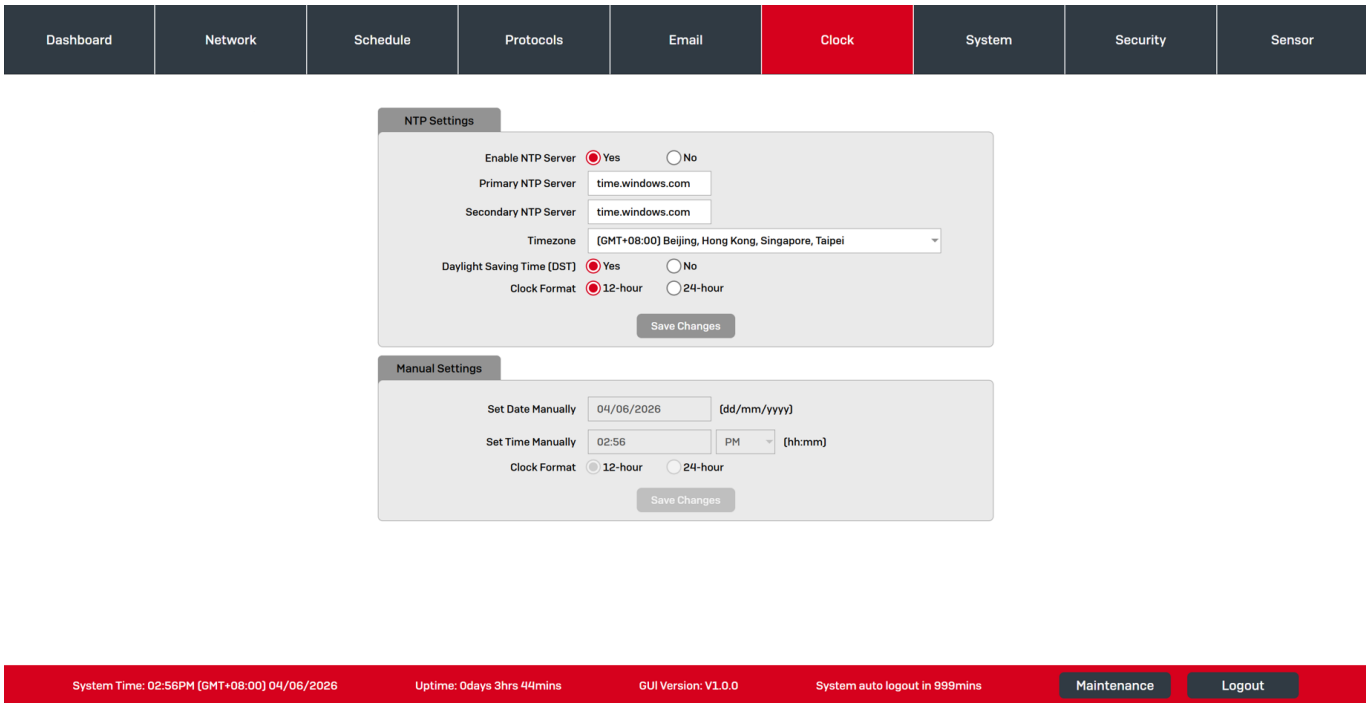
Sélectionnez les protocoles disponibles parmi SNMP, Telnet, MQTT, SSH, Modbus TCP et Watchdog pour établir la connexion requise. Chaque fenêtre permet de configurer le protocole sélectionné.

Email



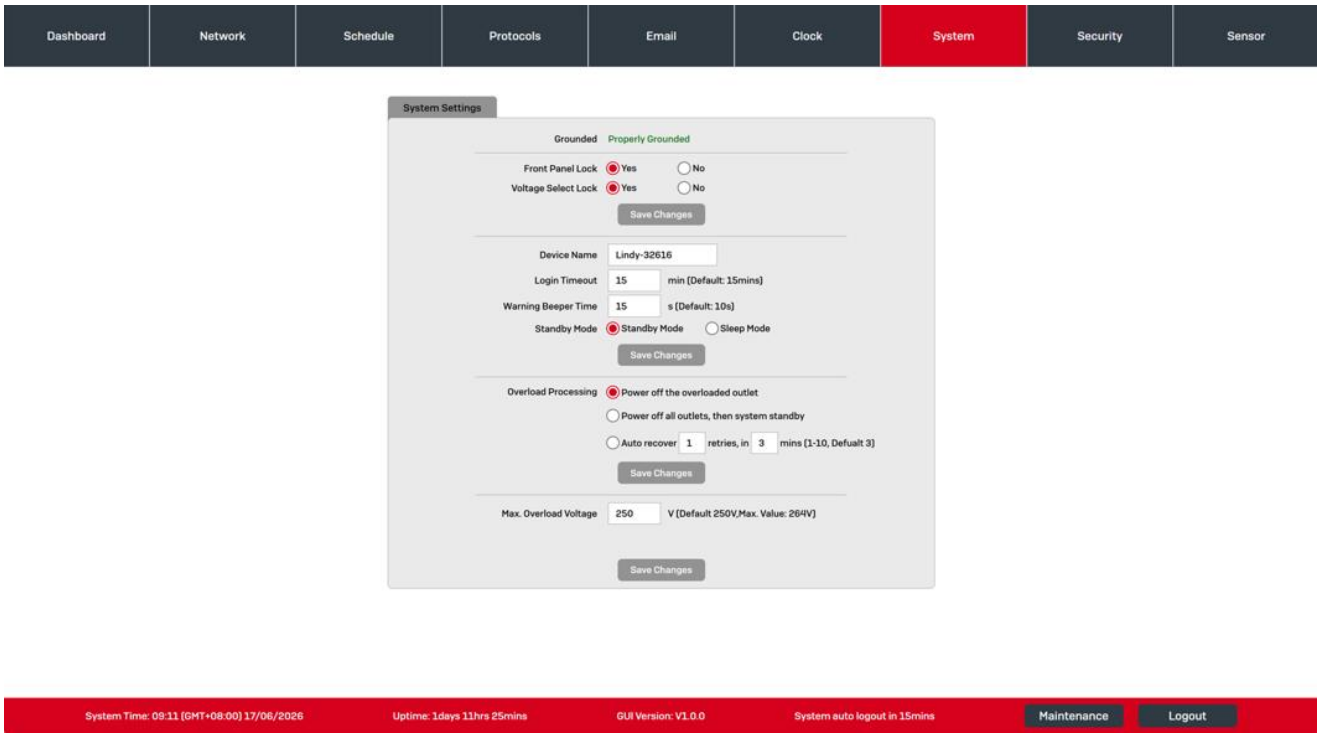
Configurez le serveur de messagerie et le compte pour recevoir des avertissements et des rapports.

Clock



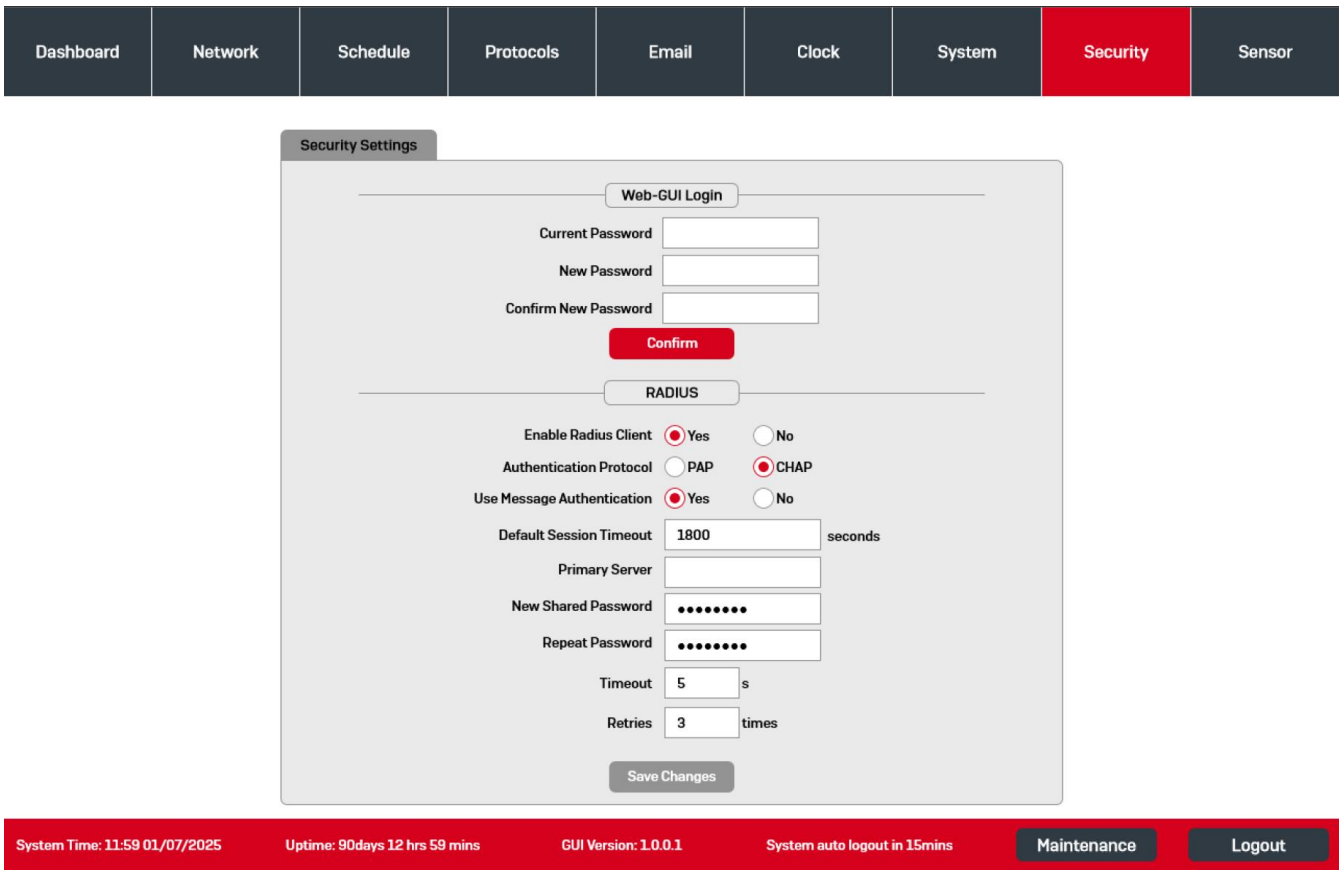
Configurez les paramètres de temps manuellement ou via une connexion Internet en activant le serveur NTP.

System



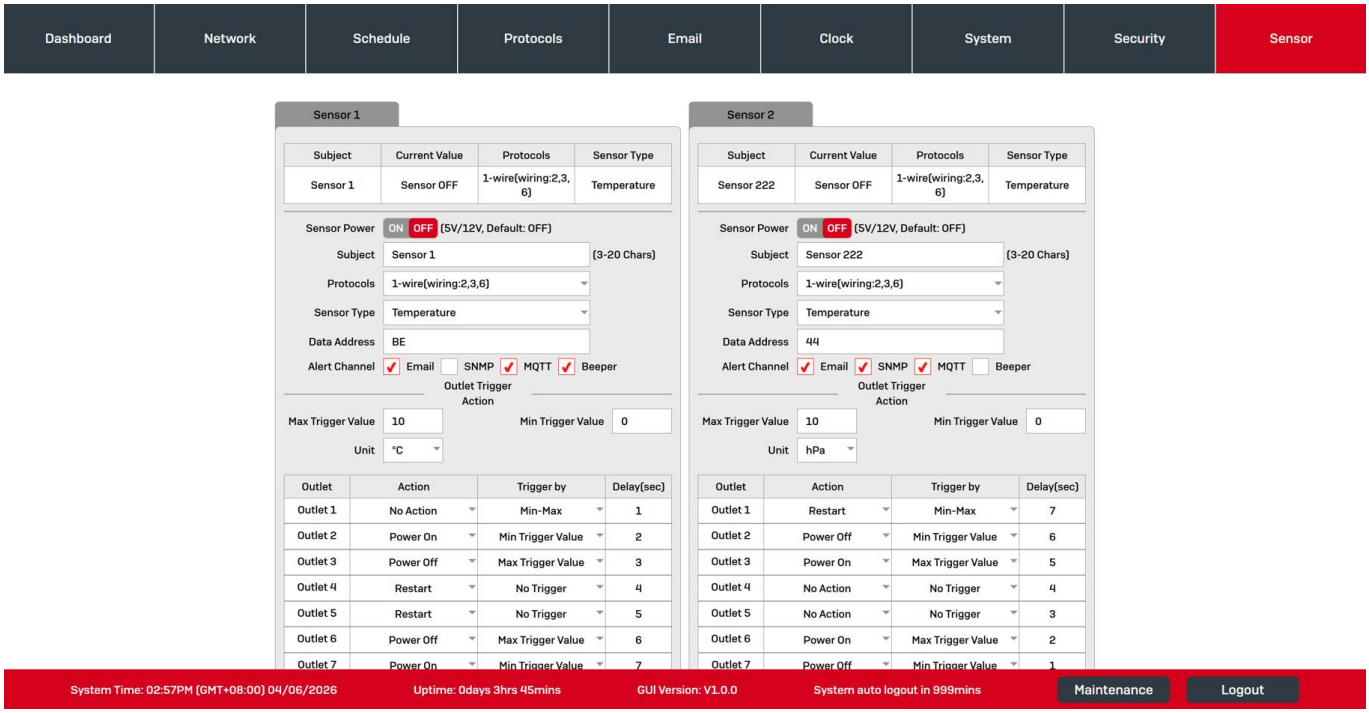
Page des paramètres système, déverrouillage des boutons du panneau avant, délai d'expiration de connexion, durée du signal d'avertissement, traitement des surcharges et seuil de surintensité.

Security

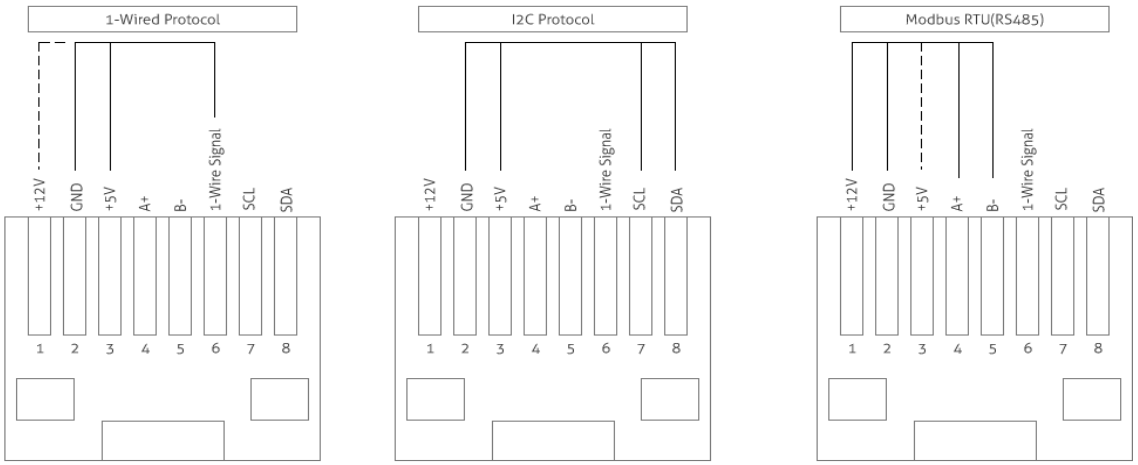


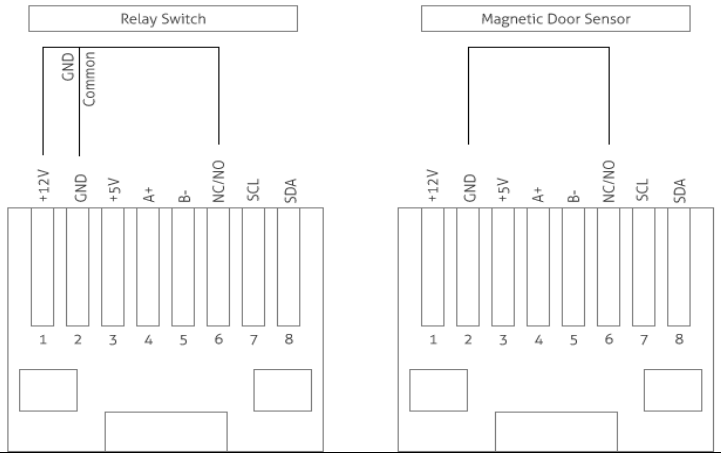
Paramètres de sécurité, modification du mot de passe de connexion et des paramètres du client Radius.

Sensor

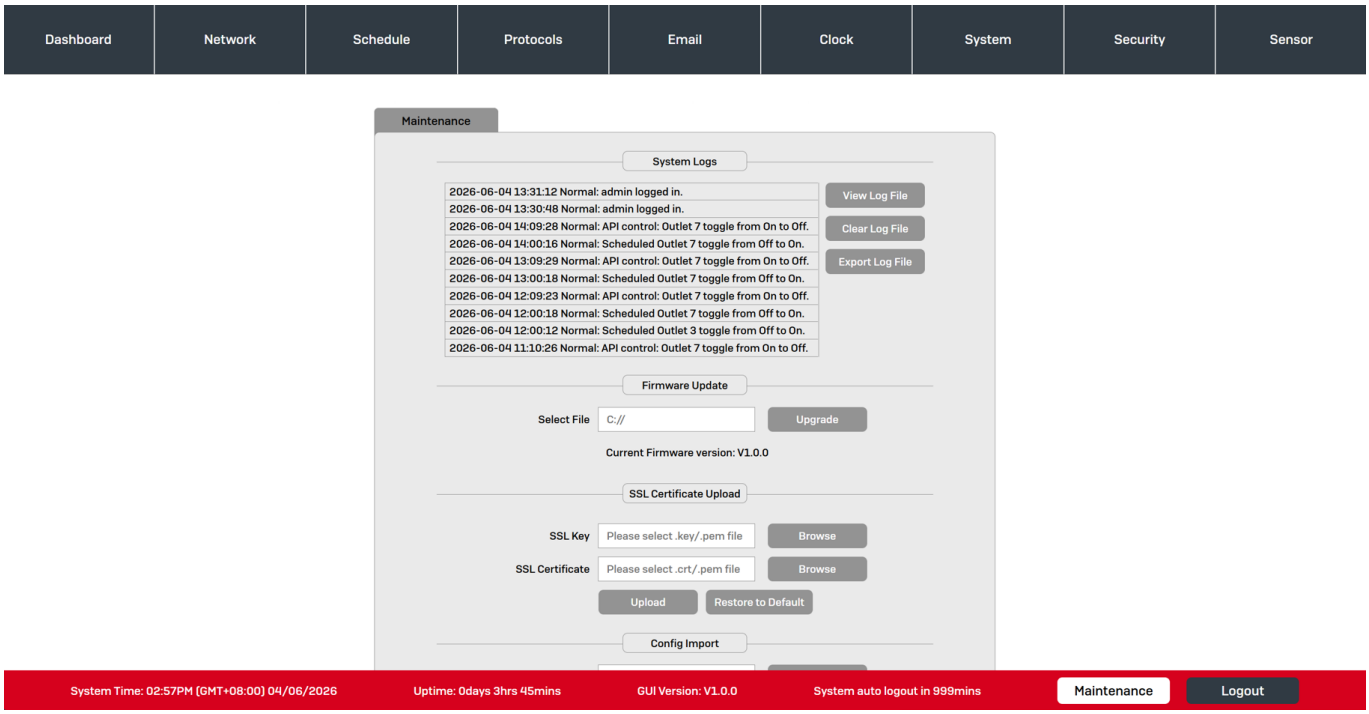


Vérifiez les propriétés et gérez les options disponibles des capteurs (si connectés). Remarque : lors de la connexion d'un capteur, chaque protocole fournit une valeur d'alimentation différente du connecteur RJ-45. Reportez-vous à la figure ci-dessous :





Maintenance



Cliquez sur le bouton Maintenance pour afficher les journaux système, mettre à jour le firmware, télécharger le certificat SSL, importer et exporter la configuration, redémarrer l'appareil, effectuer une réinitialisation d'usine et vider le cache DNS.

Commands

Port 1 IP address: 192.168.0.178
Port 2 IP address: 192.168.0.179
Telnet port: 4001
Baudrate: 57600 (default)
Data bit: 8
Stop bit:1
Check bit: none
Terminator: <CR><LF>
Error command feedback code: <Command Error
<Out of Range

Command	Function	Example	Feedback
>?/Help	List all the command	>? >Help	All the commands list
>GetStatus	Get the status of the device.	>GetStatus	<Lindy-32616 <V1.0.0 <GetPowerStatus On <GetKeyStatus On <GetSelectKeyStatus On <GetTCP/IPEnable 2 <GetRS232Baud 57600 <GetSystemVoltageThreshold 264V <Outlet 1 Off <Outlet 2 Off <Outlet 3 Off <Outlet 4 Off <Outlet 5 Off <Outlet 6 Off

			<Outlet 7 Off <Outlet 8 Off <GetGroundStatus Properly Grounded <GetOutletMode 1 Idle <GetOutletMode 2 Idle <GetOutletMode 3 Idle <GetOutletMode 4 Idle <GetOutletMode 5 Idle <GetOutletMode 6 Idle <GetOutletMode 7 Idle <GetOutletMode 8 Idle <GetOutletPowerOnTime 1 2s <GetOutletPowerOnTime 2 2s <GetOutletPowerOnTime 3 2s <GetOutletPowerOnTime 4 2s <GetOutletPowerOnTime 5 2s <GetOutletPowerOnTime 6 2s <GetOutletPowerOnTime 7 2s <GetOutletPowerOnTime 8 2s <GetOutletPowerOffTime 1 2s <GetOutletPowerOffTime 2 3s <GetOutletPowerOffTime 3 4s <GetOutletPowerOffTime 4 5s <GetOutletPowerOffTime 5 6s <GetOutletPowerOffTime 6 7s <GetOutletPowerOffTime 7 8s <GetOutletPowerOffTime 8 9s <GetOutletPowerRestaTime 1 2s <GetOutletPowerRestaTime 2 3s <GetOutletPowerRestaTime 3 4s <GetOutletPowerRestaTime 4 5s <GetOutletPowerRestaTime 5 6s <GetOutletPowerRestaTime 6 7s <GetOutletPowerRestaTime 7 8s <GetOutletPowerRestaTime 8 9s <GetOutletEleResetTime 1 10s <GetOutletEleResetTime 2 10s <GetOutletEleResetTime 3 10s <GetOutletEleResetTime 4 10s <GetOutletEleResetTime 5 10s <GetOutletEleResetTime 6 10s <GetOutletEleResetTime 7 10s <GetOutletEleResetTime 8 10s <GetOutletDCVoltage 1 5V <GetOutletDCVoltage 2 9V <GetOutletDCVoltage 3 9V <GetOutletDCVoltage 4 9V <GetOutletDCVoltage 5 9V <GetOutletDCVoltage 6 9V <GetOutletDCVoltage 7 9V <GetOutletDCVoltage 8 9V <GetOutletDCVoltageOffset 1 1 <GetOutletDCVoltageOffset 2 1 <GetOutletDCVoltageOffset 3 1 <GetOutletDCVoltageOffset 4 1 <GetOutletDCVoltageOffset 5 1 <GetOutletDCVoltageOffset 6 1 <GetOutletDCVoltageOffset 7 1 <GetOutletDCVoltageOffset 8 1 <GetSafeMode Outlet_Shutdown

			<GetStandbyMode All_Standby_Mode <GetOverloadRetryCnt 1 <GetOverloadRetryTime 3mins <GetBeeperTime 10s <TCP/IP1 DHCP On <TCP/IP1 IP Address 192.168.000.178 <TCP/IP1 Gateway Address 192.168.000.001 <TCP/IP1 Subnet Mask 255.255.255.000 <MAC1 Address 00:0C:43:28:80:BB <TCP/IP2 DHCP On <TCP/IP2 IP Address 192.168.000.179 <TCP/IP2 Gateway Address 192.168.000.001 <TCP/IP2 Subnet Mask 255.255.255.000 <MAC2 Address 00:0C:43:28:80:AA <mDNS On <mDNS Name Lindy-32616 <TCP/IPv61 Protocol Off <TCP/IPv61 DHCP Off <TCP/IPv61 IP Address <TCP/IPv61 Gateway Address1 <TCP/IPv61 Gateway Address2 <TCP/IPv62 Protocol Off <TCP/IPv62 DHCP Off <TCP/IPv62 IP Address <TCP/IPv62 Gateway Address1 <TCP/IPv62 Gateway Address2
>GetOutletStatus	Get the status of a single outlet. >GetOutletStatus [Param1] Param1 = 0-8 0: All Outlets 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8	>GetOutletStatus 1	<Outlet 1 On
>GetSensorCfg	Get the sensor configuration >GetSensorCfg	>GetSensorCfg	<Lindy-32616 <V1.0.0 <GetSensor1PowerStatus Off <GetSensor1Protocols 1-wire <GetSensor1Type Tem <GetSensor1Address BE <GetSensor1Beeper Off <GetSensor1ValueMax 10 <GetSensor1ValueMin 0 <GetSensor1Unit 1 <GetSensor1Response 1 NoAction <GetSensor1Response 2 NoAction

			<GetSensor1Response 3 NoAction <GetSensor1Response 4 NoAction <GetSensor1Response 5 NoAction <GetSensor1Response 6 NoAction <GetSensor1Response 7 NoAction <GetSensor1Response 8 NoAction <GetSensor1Trigger 1 NoTrigger <GetSensor1Trigger 2 NoTrigger <GetSensor1Trigger 3 NoTrigger <GetSensor1Trigger 4 NoTrigger <GetSensor1Trigger 5 NoTrigger <GetSensor1Trigger 6 NoTrigger <GetSensor1Trigger 7 NoTrigger <GetSensor1Trigger 8 NoTrigger <GetSensor1Delay 1 10s <GetSensor1Delay 2 10s <GetSensor1Delay 3 10s <GetSensor1Delay 4 10s <GetSensor1Delay 5 10s <GetSensor1Delay 6 10s <GetSensor1Delay 7 10s <GetSensor1Delay 8 10s <GetSensor2PowerStatus Off <GetSensor2Protocols 1-wire <GetSensor2Type Tem <GetSensor2Address BE <GetSensor2Beeper Off <GetSensor2Valuemax 10 <GetSensor2Valuemin 0 <GetSensor2Unit 1 <GetSensor2Response 1 NoAction <GetSensor2Response 2 NoAction <GetSensor2Response 3 NoAction <GetSensor2Response 4 NoAction <GetSensor2Response 5 NoAction <GetSensor2Response 6 NoAction <GetSensor2Response 7 NoAction <GetSensor2Response 8 NoAction <GetSensor2Trigger 1 NoTrigger <GetSensor2Trigger 2 NoTrigger <GetSensor2Trigger 3 NoTrigger <GetSensor2Trigger 4 NoTrigger <GetSensor2Trigger 5 NoTrigger <GetSensor2Trigger 6 NoTrigger <GetSensor2Trigger 7 NoTrigger <GetSensor2Trigger 8 NoTrigger <GetSensor2Delay 1 10s

			<GetSensor2Delay 2 10s <GetSensor2Delay 3 10s <GetSensor2Delay 4 10s <GetSensor2Delay 5 10s <GetSensor2Delay 6 10s <GetSensor2Delay 7 10s <GetSensor2Delay 8 10s
>GetElesta	Get the electricity information, such as power consumption, voltage, current, etc.	>GetElesta	<Lindy-32616 <V1.0.0 <Voltage 231.575V <Input Current 0.145A <Total Power 3.670W <Total Energy Consumed 0.000342kWh <Power Factor 0.11 <Frequency 49.95Hz <GetOutletVoltage 1 0.00V <GetOutletVoltage 2 0.00V <GetOutletVoltage 3 0.00V <GetOutletVoltage 4 0.00V <GetOutletVoltage 5 0.00V <GetOutletVoltage 6 0.00V <GetOutletVoltage 7 0.00V <GetOutletVoltage 8 0.00V <GetOutletCurrent 1 0.00A <GetOutletCurrent 2 0.00A <GetOutletCurrent 3 0.00A <GetOutletCurrent 4 0.00A <GetOutletCurrent 5 0.00A <GetOutletCurrent 6 0.00A <GetOutletCurrent 7 0.00A <GetOutletCurrent 8 0.00A <GetOutletPower 1 0.00W <GetOutletPower 2 0.00W <GetOutletPower 3 0.00W <GetOutletPower 4 0.00W <GetOutletPower 5 0.00W <GetOutletPower 6 0.00W <GetOutletPower 7 0.00W <GetOutletPower 8 0.00W <GetOutletConsumed 1 0.000000kWh <GetOutletConsumed 2 0.000000kWh <GetOutletConsumed 3 0.000000kWh <GetOutletConsumed 4 0.000000kWh <GetOutletConsumed 5 0.000000kWh <GetOutletConsumed 6 0.000000kWh <GetOutletConsumed 7 0.000000kWh <GetOutletConsumed 8 0.000000kWh
>GetFwVersion	Get the firmware version.	>GetFwVersion	<GetFW Version: V1.0.0 <GetGUI Version: V1.0.0
>SetDeviceName	Set the name of the device. >SetDeviceName: [Param1] [Param1] should be the nickname	>SetDeviceName: Lindy-32616	<Device Name: Lindy-32616

	you want to set. (14 characters maximum)		
>SetPower	Enter/Exit the standby mode. >SetPower [Param1] [Param1] = On,Off On - Power on Off - Power off	>SetPower On >SetPower Off	<System Power On, Please Wait A Moment... Done <System Power Off
>SetKeyLock	To lock/unlock the button on the front panel of the device. >SetKeyLock [Param1] [Param1] = On,Off On - <GetKeyStatus Off Off - <GetKeyStatus On	>SetKeyLock On >SetKeyLock Off	<KeyLock On <KeyLock Off
>SetSelectKeyLock	Lock/unlock the voltage selector button on the rear panel. >SetSelectKeyLock [Param1] Param1 = On,Off On - <GetSelectKeyStatus Off Off - <GetSelectKeyStatus On	>SetSelectKeyLock On >SetSelectKeyLock Off	<SelectKeyLock On <SelectKeyLock Off
>SetVoltageThreshold	Set a voltage threshold for the system. >SetVoltageThreshold [Param1] [Param1] =198-264	>SetVoltageThreshold 222	<System Voltage Threshold 222V
>SetSafeMode	Set an action of what the system will do when it goes overloaded. >SetSafeMode [Param1] [Param1] = 0-2 0: Outlet_Shutdown 1: System_Shutdown 2:Auto_Retry	>SetSafeMode 0 >SetSafeMode 1 >SetSafeMode 2	<System Safe Mode: Outlet_Shutdown <System Safe Mode: System_Shutdown <System Safe Mode: Auto_Retry
>SetOverloadRetryCnt	Set the times of the system will reboot when it goes overloaded. >SetOverloadRetryCnt [Param1] [Param1] = 1-3 1(Default)	>SetOverloadRetryCnt 1 >SetOverloadRetryCnt 2 >SetOverloadRetryCnt 3	<System Retry Number 1 <System Retry Number 2 <System Retry Number 3
>SetOverloadRetryTime	Set a delayed time for the system to reboot when it goes overloaded. (unit is minutes) >SetOverloadRetryTime [Param1] [Param1] = 1-10 3(Default)	>SetOverloadRetryTime 1	<System Retry Delay Time 1mins
>SetStandbyMode	Set a standby mode for the system. >StandbyMode [Param1] [Param1] = 0-1 0: All_Standby_Mode 1: Sleep_Mode	>SetStandbyMode 0 >SetStandbyMode 1	<System Standby Mode: All_Standby_Mode <System Standby Mode: Sleep_Mode
>SetRs232Baud	Set a baudrate for RS232 >SetRs232Baud [Param1] [Param1] = 1-7 1: 2400 2: 4800 3: 9600 4: 19200 5: 38400 6: 57600(Default), 7: 115200	>SetRs232Baud 6	<RS232Baud 57600
>SetRs232Out	RS232 Passthrough >SetRs232Out [Param1][Param2][Param3][Param4]	>SETRS232OUTa:6:1:RS232	RS232

	[Param1] = a,h a: ASCII h: HEX [Param2] = 1-7 1: 2400 2: 4800 3: 9600 4: 19200 5: 38400 6: 57600(Default), 7: 115200 [Param3] = 1-3 1: None 2: Even 3: Odd Param4 = string		
>SetBeeperTime	Set buzzer duration of time. (unit is seconds) >SetBeeperTime [Param1] [Param1] = 0: 9999 10(Default)	>SetBeeperTime 10	<Buzzer Sound Time 10s
>SetOutletTime	Set a delay time for an outlet to turn on/off. (unit is seconds) >SetOutlet[Param1]Time [Param2][Param3] [Param1] =On,Off [Param2] = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 [Param3] = 2-9999 (On)/ 0-9999 (Off)	>SetOutletOnTime 1:2 >SetOutletOffTime 1:1	<Outlet 1 Power_On Delay 2s <Outlet 1 Power_Off Delay 1s
>SetOutletRestaTime	Set a delay time for an outlet to restart (unit is in seconds) >SetOutletRestaTime [Param1]:[Param2] Param1 = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 Param2 = 2-9999	>SetOutletRestaTime 1:2	<Outlet 1 Power_Resta Delay 2s
>SetOutletEleResetTime	Set the outlet power reset delay time, in seconds. >SetOutletEleResetTime[Param1][Param2] Param1 = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5	>SetOutletEleResetTime 1:10	<Outlet 1 Electrical Work Reset Duration 10s

	6: Outlet6 7: Outlet7 8: Outlet8 [Param2] = 0-9999 10(Default)		
>SetAllOut	Set on/off all the outlets. >SetAllOut [Param1] [Param1] = On,Off	>SetAllOut On >SetAllOut Off	<All Outlets On <All Outlets Off
>SetOutlet	Set on/off a single outlet. >SetOutlet [Param1][Param2] Param1 = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 Param2 = On,Off,Resta	>SetOutlet 1 On	<Outlet 1 On
>SetAllVolt	Set the voltage values for all outlets. >SetAllVolt [Param1] Param1 = 5,9,12,24 5: 5V 9: 9V 12: 12V 24: 24V	>SetAllVolt 5	<All Outlets Voltage Status 5V
>SetOutVolt	Set the voltage values for single outlet. >SetAllVolt [Param1][Param2] Param1 = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 Param2 = 5,9,12,24 5: 5V 9: 9V 12: 12V 24: 24V	>SetOutVolt 1: 24	<Outlet 1 Voltage Status 24V
>SetVoltOffset	Set the voltage step size. >SetVoltOffset [Param1]:[Param2] Param1 = 0-8 0: All 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 Param2 = 0,1,2 0-2 Depend On Different Voltage	>SetVoltOffset 1:1	<Outlet 1 Off <Outlet 1 Voltage Offset 1
>RsAllOutEle	Reset the metered values for all outlets.	>RsAllOutEle	<Clean Up Electrical Work: All Outlets
>RsOutEle	Reset the metered values for a outlet.	>RsOutEle 1	<Clean Up Electrical Work: Outlet 1

	>RsOutEle [Param1] [Param1] = 1-4 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8		
>GetSysTime	Get the time of the date and time of the system.	>GetSysTime	<GetSystemTime: 2023-05-11 02:47:16 Thu
>SetSysTime	Set the date and time for the device: >SetSysTime [Param1] [Param1] = year-month-day;hour-minutes-seconds	>SetSysTime 2025-03-18;11-26-59	<SetSystemTime: 2025-03-18 11:26:59
>SetSensor1/Sensor2Power	Set the on/off state of Sensor1/Sensor2 >Set [Param1] Power [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 0-1 0: Off 1: On	>SetSensor1Power 1 >SetSensor2Power 1	<Sensor1 Power On <Sensor2 Power On
>SetSensor1/Sensor2Protocols	Set Sensor1/Sensor2 protocol >Set [Param1] Protocols [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 1-5 1: 1-wire(wiring2,3,6) 2: I2C(wiring2,3,7,8) 3: Modbus-RTU-RS485(wiring1,2,4,5) 4: Door(wiring2,6) 5: Relay Switch(wiring1,2,6)	>SetSensor1Protocols 1 >SetSensor2Protocols 1	<Sensor1 Protocols 1-wire(wiring2,3,6) <Sensor2 Protocols 1-wire(wiring2,3,6)
>SetSensor1/Sensor2Type	Set Sensor1/Sensor2 type >Set [Param1] Type [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 1-7 1: Temperature 2: Humidity 3: Temperature And Humidity 4: Air Pressure 5: Other Data 6: Normally Open 7: Normally Close	>SetSensor1Type 1 >SetSensor2Type 1	<Sensor1 Type Temperature <Sensor2 Type Temperature
>SetSensor1/Sensor2Address	Set the data address for Sensor1/Sensor2 >Set [Param1] Address [Param2] [Param1] = Sensor1, Sensor2 [Param2] = [00-FF] or [0000:FFFF]	>SetSensor1Address 0E >SetSensor2Address 0E	<Sensor1 Data Address 0E <Sensor1 Data Address 0E
>SetSensor1/Sensor2MSAddress	Set the slave addresses of Sensor1/Sensor2 >Set [Param1] Msaddress [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 00-FF	>SetSensor1MSAddress 02 >SetSensor2MSAddress 02	<Sensor1 Slave Station Address 02 <Sensor2 Slave Station Address 02
>SetSensor1/Sensor2MFuncCode	Set Sensor1/Sensor2 function codes >Set [Param1] MFuncCode [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 03 or 04	>SetSensor1MFuncCode 03 >SetSensor2MFuncCode 03	<Sensor1 Function Code 03 <Sensor2 Function Code 03

>SetSensor1/Sensor2ValueMax	Set the maxmum value of Sensor1/Sensor2 >Set[Param1] ValueMax [Param2] [Param1] = Sensor1, Sensor2 [Param2] = [-9999, 9999]	>SetSensor1ValueMax 30 >SetSensor2ValueMax 30	<Sensor1 Max Value 30 <Sensor2 Max Value 30
>SetSensor1/Sensor2ValueMin	Set the minimum value of Sensor1/Sensor2 >Set[Param1] ValueMin [Param2] [Param1] = Sensor1, Sensor2 [Param2] = [-9999, 9998]	>SetSensor1ValueMin 20 >SetSensor2ValueMin 20	<Sensor1 Min Value 20 <Sensor2 Min Value 20
>SetSensor1/Sensor2Unit	Set Sensor1/Sensor2 units >Set [Param1] Unit [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 1-3 1: ℃ 2: %RH 3: hPa	>SetSensor1Unit 1 >SetSensor2Unit 1	<Sensor1 Unit ℃ <Sensor2 Unit ℃
>SetSensor1/Sensor2Beeper	Set the buzzer switch for Sensor1/Sensor2 >Set [Param1] Beeper [Param2] [Param1] = Sensor1, Sensor2 [Param2] = On,Off	>SetSensor1Beeper On >SetSensor2Beeper On	<Sensor1 Beeper On <Sensor2 Beeper On
>SetSensor1/Sensor2OutletMode	Set the channel to respond to actions of Sensor1/Sensor2. >Set [Param1] OutletMode [Param2]:[Param3] [Param1] = Sensor1, Sensor2 [Param2] = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 [Param3] = 1-4 1: NoAction 2: Power On 3: Power Off 4: Restart	>SetSensor1OutletMode 1:2 >SetSensor2OutletMode 1:2	<Outlet 1 Response Sensor1 Mode Power On <Outlet 1 Response Sensor2 Mode Power On
>SetSensor1/Sensor2OutletTrigger	Set the trigger conditions for the channel response sensor >Set [Param1] OutletTrigger [Param2]:[Param3] [Param1] = Sensor1, Sensor2 [Param2] = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 [Param3] = 1-6 1: No Trigger 2: Max Trigger 3: Min Trigger 4: Min-Max	>SetSensor1OutletTrigger 1:2 >SetSensor2OutletTrigger 1:2	<Outlet 1 Response Sensor1 Trigger Max <Outlet 1 Response Sensor2 Trigger Max

	5: On 6: Off		
>SetSensor1/Sensor 2OutletDelay	Set the delay time for the channel to respond to the actions executed by Sensor1/Sensor2. >Set [Param1] OutletDelay [Param2]:[Param3] [Param1] = Sensor1, Sensor2 [Param2] = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 [Param3] = 0-9999	>SetSensor1OutletDela y 1:10	<Outlet 1 Response Sensor1 Delay 10s
>GetSensor1/Sensor 2Current	Get the current value of Sensor1/Sensor2	>GetSensor1Current	<Get Sensor1 Current Temperature Value N/A
>GetNetTcp/Ip List	Get the current network IP	>GetNetTcp/Ip List	<List Current TCP/IP Address
>SetNetTcp/IpEnable	Enable/Disable the TCP/IP: >SetNetTcp/IpEnable [Param1] [Param1] = 1-2 1: TCP/IP1 2: TCP/IP2	>SetNetTcp/IpEnable 1 >SetNetTcp/IpEnable 2	<TCP/IP1 Enable <TCP/IP2 Enable
>SetNetTcp/Ip1Dhcp	Turn on/off the DHCP for TCP/IP1: >SetNetTcp/Ip1Dhcp [Param1] [Param1] = On,Off	>SetNetTcp/Ip1Dhcp On >SetNetTcp/Ip1Dhcp Off	<TCP/IP1 DHCP On <TCP/IP1 DHCP Off
>SetNetTcp/Ip1Ip	Set an IP address for TCP/IP1: >SetNetTcp/Ip1Ip [Param1] [Param1] = XXX.XXX.XXX.XXX	>SetNetTcp/Ip1Ip 192.168.000.001	<TCP/IP1 IP Address 192.168.000.001
>SetNetTcp/Ip1Gw	Set a gateway for TCP/IP1: >SetNetTcp/Ip1Gw [Param1] [Param1] = XXX.XXX.XXX.XXX	>SetNetTcp/Ip1Gw 192.168.000.254	<TCP/IP1 Gateway Address 192.168.000.254
>SetNetTcp/Ip1Sm	Set a subnet mask for TCP/IP1: >SetNetTcp/Ip1Sm [Param1] [Param1] = XXX.XXX.XXX.XXX	>SetNetTcp/Ip1Sm 192.168.000.254	<TCP/IP1 Subnet Mask 192.168.000.254
>SetNetTcp/Ip2Dhcp	Turn on/off the DHCP of TCP/IP2: >SetNetTcp/Ip2Dhcp [Param1] [Param1] = On,Off	>SetNetTcp/Ip2Dhcp On >SetNetTcp/Ip2Dhcp Off	<TCP/IP2 DHCP On <TCP/IP2 DHCP Off
>SetNetTcp/Ip2Ip	Set an IP address for TCP/IP2: >SetNetTcp/Ip2Ip [Param1] [Param1] = XXX.XXX.XXX.XXX	>SetNetTcp/Ip2Ip 192.168.000.001	<TCP/IP2 IP Address 192.168.000.001
>SetNetTcp/Ip2Gw	Set the gateway for TCP/IP2: >SetNetTcp/Ip2Gw [Param1] [Param1] = XXX.XXX.XXX.XXX	>SetNetTcp/Ip2Gw 192.168.000.254	<TCP/IP2 Gateway Address 192.168.000.254
>SetNetTcp/Ip2Sm	Set the subnet mask for TCP/IP2 >SetNetTcp/Ip2Sm [Param1] [Param1]	>SetNetTcp/Ip2Sm 192.168.000.254	<TCP/IP2 Subnet Mask 192.168.000.254
>SetNetMdns	Turn on/off the mDNS >SetNetMdns [Param1] [Param1] = On,Off	>SetNetMdns On >SetNetMdns Off	<mDNS On <mDNS Off
>SetNetRb	Reboot the IP service	>SetNetRb	<Network Reboot And Apply New Config
>FactoryReset	Factory Reset the device.	>FactoryReset	<FactoryReset
>Reboot	Restart the MCU	>Reboot	<Reboot
>Resta	All outlets restart	>Resta	<System Restart

Lindy vérifie et teste régulièrement sa gamme de produits pour garantir une compatibilité et des performances maximales. Pour obtenir la version la plus récente de ce manuel, veuillez vous référer à votre site Web Lindy local, rechercher le numéro de pièce correspondant et trouver le manuel sous la rubrique Téléchargements.

Introduzione

Vi ringraziamo per aver acquistato IPower Switch DC 8 porte. Questo prodotto è stato progettato per garantirvi la massima affidabilità e semplicità di utilizzo ed è coperto da 3 anni di garanzia LINDY oltre che da un servizio di supporto tecnico a vita. Per assicurarvi di farne un uso corretto vi invitiamo a leggere attentamente questo manuale e a conservarlo per future consultazioni.

Questo IPower Switch è progettato per il controllo e il monitoraggio dell'alimentazione tramite TCP/IP, al fine di garantire una comoda gestione remota dell'alimentazione. Gli amministratori di sistema possono controllare l'alimentazione di più dispositivi con tensioni di uscita di 5/9/12/24V per porta, consentendo funzioni di accensione e spegnimento con monitoraggio del consumo energetico tramite un'interfaccia web intuitiva, comandi RS-232 o API. Inoltre, sono disponibili due porte sensori per il collegamento di sensori ambientali esterni.

Istruzioni di sicurezza

! ATTENZIONE !



Per favore leggete la seguente informativa e conservate sempre questo documento con il prodotto.
La mancata osservanza di questa precauzione può causare seri infortuni o la morte per folgorazione, incendi o danneggiare il prodotto.

Questo dispositivo un alimentatore a commutazione che può funzionare con tensioni di alimentazione all'interno del range 100…240 VAC.

Toccare i componenti interni o cavi danneggiati può causare uno shock elettrico che può condurre alla morte.
Per ridurre il rischio di incendi, folgorazione o danni:

- Non aprite il prodotto. Non esistono componenti utilizzabili all'interno.
- La riparazione o manutenzione del prodotto può essere effettuata solo da personale qualificato.
- Non utilizzare mai cavi danneggiati
- Non fate entrare il prodotto in contatto con acqua e non utilizzatelo in luoghi umidi
- Questo prodotto è pensato esclusivamente per l'uso in ambienti interni
- Non posizionate il prodotto nelle vicinanze di sorgenti di calore. Installatelo sempre in luoghi ben ventilati.
- Non appoggiate oggetti pesanti sul prodotto o sui cavi.
- Vi preghiamo di assicurarvi che ogni adattatore sia fermamente inserito e bloccato in sede prima di collegarlo a una presa di corrente.

Informazioni sulla sicurezza e sulla salute: I prodotti LINDY sono progettati per un uso sicuro ed efficace. Leggere questa guida per informazioni essenziali sulla sicurezza e sulla salute e per i dettagli sulla garanzia limitata del prodotto. Il rispetto di queste istruzioni per l'installazione, l'uso e la manutenzione aumenta il comfort, la produttività e la sicurezza. La mancata osservanza di queste linee guida può provocare scosse elettriche, incendi, lesioni gravi o danni al prodotto o alle cose. Ulteriore assistenza è disponibile su www.lindy.com.
Attenzione: Tenere fuori dalla portata dei bambini. I prodotti e gli accessori LINDY non sono giocattoli e non devono essere maneggiati da bambini piccoli, in quanto possono causare lesioni o danni.
Pericolo di soffocamento: Per i prodotti contenenti o forniti in sacchetti di plastica, tenere i sacchetti lontano da neonati e bambini per evitare il soffocamento.
Sicurezza dell'alimentazione: Si applica ai prodotti che utilizzano un alimentatore AC. Utilizzare solo l'alimentatore AC originale o compatibile specificato per il prodotto. La mancata osservanza di queste indicazioni può provocare scosse elettriche, incendi, lesioni gravi o danni al prodotto.
Uso corretto: Tenere il dispositivo lontano dall'umidità, compresi pioggia, neve o acqua, ed evitare di posizionarlo vicino a fonti di calore, cibo, sporco eccessivo, polvere, olio, sostanze chimiche o luce solare diretta. Per i dispositivi dotati di porte, evitare di inserire oggetti, di lasciare che si accumuli polvere o di utilizzare fonti di calore come asciugacapelli o microonde per asciugare il dispositivo. Se il dispositivo si bagna, pulire delicatamente l'esterno con un panno asciutto.

Uso ad alto rischio: questo prodotto non è destinato ad applicazioni in cui un guasto potrebbe causare morte, lesioni gravi o danni ambientali significativi (“uso ad alto rischio”). L'uso in tali applicazioni è esclusivamente a rischio dell'utente.
Atmosfere esplosive: Non conservare o trasportare materiali infiammabili o esplosivi accanto a questo prodotto o ai suoi accessori. Staccare sempre la spina e spegnere il prodotto ed evitare di caricarlo in aree con atmosfere potenzialmente esplosive.
Connettori e porte dei cavi: Per evitare scosse o incendi quando si utilizzano connettori con un alimentatore, evitare il contatto durante l'uso. Tenere i connettori al riparo da umidità, sporcizia e agenti contaminanti. Interrompere l'uso e contattare l'assistenza se un connettore appare danneggiato.
Pulizia: Per ridurre al minimo i rischi di incendio, scosse elettriche o danni al prodotto, scollegare tutti i cavi e spegnere il dispositivo e gli accessori prima di pulirli. Utilizzare un panno asciutto per pulire solo l'esterno. Evitare di inserire oggetti nelle porte e non immergere i connettori in liquidi, ma pulirli e asciugarli accuratamente.
Rischio di riparazioni: Il tentativo di aprire o riparare questo prodotto può esporre a rischi di scosse elettriche, incendi o lesioni. LINDY raccomanda vivamente di ricorrere a servizi di riparazione professionali, poiché le riparazioni non autorizzate possono invalidare la garanzia.
ATTENZIONE
Irritazione cutanea: Questo prodotto contiene materiali comunemente utilizzati in elettronica che possono causare irritazioni cutanee ad alcuni utenti. Per ridurre questo rischio, pulire regolarmente il dispositivo, evitare di applicare lozioni in prossimità delle aree di contatto e interrompere l'uso in caso di irritazione. Se i sintomi persistono, consultare un medico.
Sicurezza dei cavi: I cavi esposti possono rappresentare un rischio di inciampo. Disporre i cavi in modo da evitare rischi di inciampo o di trazione e proteggerli da schiacciamenti, curve strette ed esposizione al calore. Ispezionare regolarmente i cavi e interromperne l'uso se danneggiati. Scollegare i cavi durante i temporali o in caso di stoccaggio a lungo termine.
AVVISO
Problemi legati al calore: Il prodotto può diventare caldo durante l'uso regolare. Evitare il contatto prolungato con la pelle, garantire un'adeguata ventilazione e utilizzare il prodotto in aree ben ventilate per evitare il surriscaldamento e il disagio.
Dispositivi medici personali: Le emissioni elettroniche e i campi magnetici dei prodotti LINDY possono interferire involontariamente con i dispositivi medici, nonostante la conformità alle normative. Se si sospetta un'interferenza, spegnere immediatamente il prodotto. Per indicazioni sull'utilizzo di dispositivi elettronici nelle vicinanze, consultare il produttore del dispositivo medico o il proprio operatore sanitario.
Manipolazione: Maneggiare il prodotto LINDY con cura. Il prodotto potrebbe danneggiarsi in caso di caduta, foratura o esposizione a liquidi. Se si sospetta un danno, interrompere l'uso del prodotto per evitare potenziali rischi.

Contenuto della confezione

- IPower Switch DC 8 Porte
- 8x adattatori phoenix maschio a 2 pin
- Kit di montaggio con 2x staffe e viti
- Cavo RS232 da 3 pin a DB9 femmina, 1.35m
- Cavi di alimentazione Schuko, UK, US e AU a IEC C13, 1.8m
- 4x piedini in gomma
- Manuale LINDY

Caratteristiche

- 8x porte di uscita DC a 2 pin per i dispositivi
- Supporto per 4 livelli di tensione di uscita opzionale (5/9/12/24 Volt), fino a 30 o 36W per porta
- Ingresso alimentazione IEC C14 10A
- Controllo dell'alimentazione e monitoraggio di tensione, corrente e metering
- Gestione tramite Web GUI, RS-232, API e pulsanti del pannello frontale
- Protocolli Telnet, Modbus TCP, SSH, SNMP, Watchdog e MQTT supportati
- 2x porte di rete RJ-45 ridondanti
- 2x porte sensore RJ-45

- Protezione da sovraccarico ed errori di cablaggio e verifica del login remoto
- Supporto di numerosi protocolli di sicurezza, rete e IoT

Specifiche

- Alimentazione: 100–240V 50/60Hz 10A
- Consumo a vuoto: 2.6W
- Potenza di uscita (outlet): max. 36W (a 5V fino a 30W)
- Indicatori LED
- Intervallo tensione di ingresso: 100–240V (90–264V impostando la soglia di tensione)
- Intervallo corrente di ingresso: 0–10A
- Intervallo frequenza di ingresso: 45–65Hz
- Temperatura di esercizio: -5–55°C (23°F–131°F)
- Temperatura di stoccaggio: -20–70°C (-4°F–158°F)
- Umidità relativa: 0–95% (senza condensa)

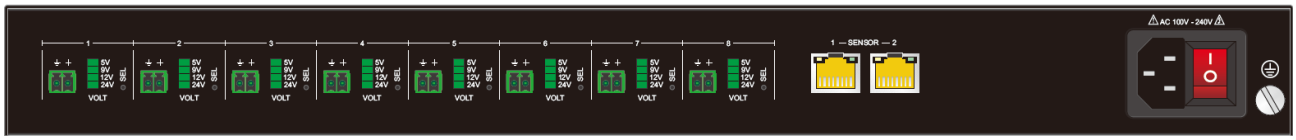
Installazione

Pannello frontale



- POWER LED: Verde: dispositivo acceso, Rosso: standby.
- 1-8: gestione manuale dell'alimentazione per ogni porta di uscita.
  Stato LED:
  Blu: porta accesa
  Blu lampeggiante: inizializzazione della porta prima dell'accensione
  Rosso: porta di uscita sovraccarica
  Rosso lampeggiante: porta di uscita in rilevamento del carico
- RS232: collegamento a un PC, un controller seriale o un dispositivo seriale tramite connettore phoenix a blocco 3 vie per la trasmissione passante di comandi RS-232 e API.
- TCP/IP 1-2: due porte RJ-45 ridondanti per la connessione di rete, il controllo e l'accesso alla Web GUI.

Pannello posteriore



- OUTLET 1-8: porte phoenix a 2 pin da 3.81mm per alimentare i dispositivi collegati. I LED VOLT mostrano la tensione di uscita 5/9/12/24V su ogni porta (predefinito 5V). Pulsante SEL per cambiare la tensione di uscita su ogni porta.
- SENSOR 1-2: due porte RJ-45 per il collegamento di sensori esterni. LED di stato della porta: Verde: connessione attiva, Giallo: trasferimento dati.
- AC 100V~240V: porta di ingresso IEC C14 per alimentare il dispositivo (AC 100V~240V 10A) con interruttore ON/OFF.
- GROUND: morsetto di messa a terra a vite.

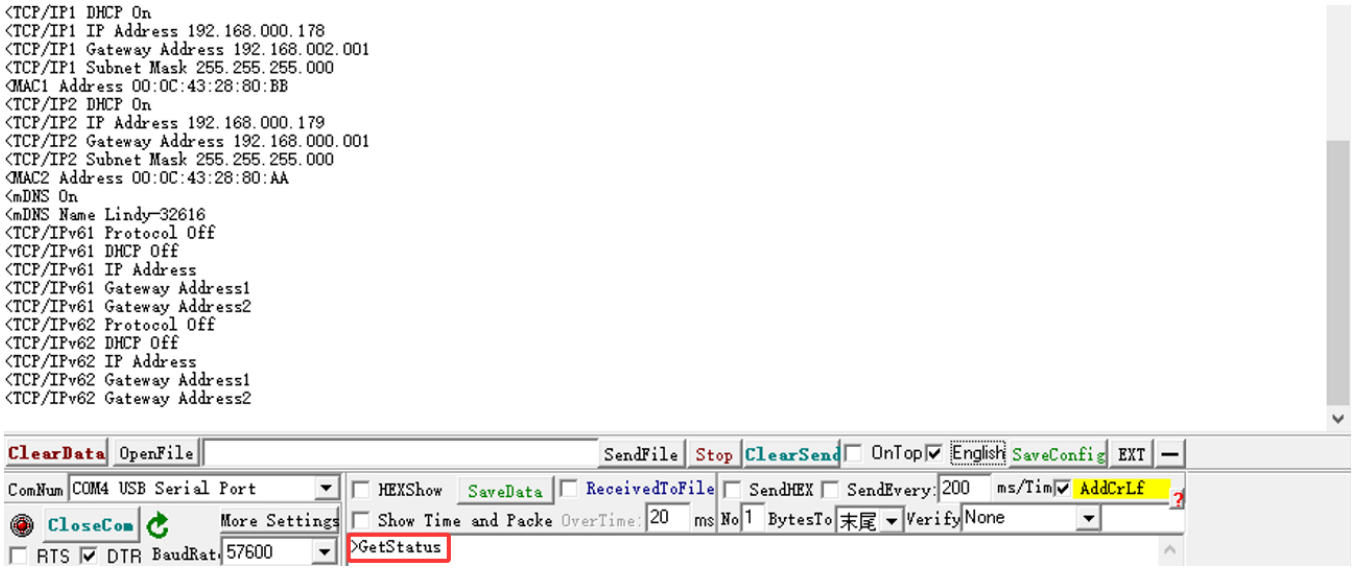
Collegare tutti i dispositivi alle porte OUTLET, quindi accendere il dispositivo e i dispositivi collegati.

Utilizzo

Web GUI

Collegare la porta TCP/IP RJ-45 alla rete locale oppure direttamente alla porta TCP/IP 1. Per impostazione predefinita, il dispositivo è impostato in modalità DHCP. Per ottenere automaticamente l'indirizzo IP assegnato dinamicamente, collegare il dispositivo a una rete abilitata DHCP.

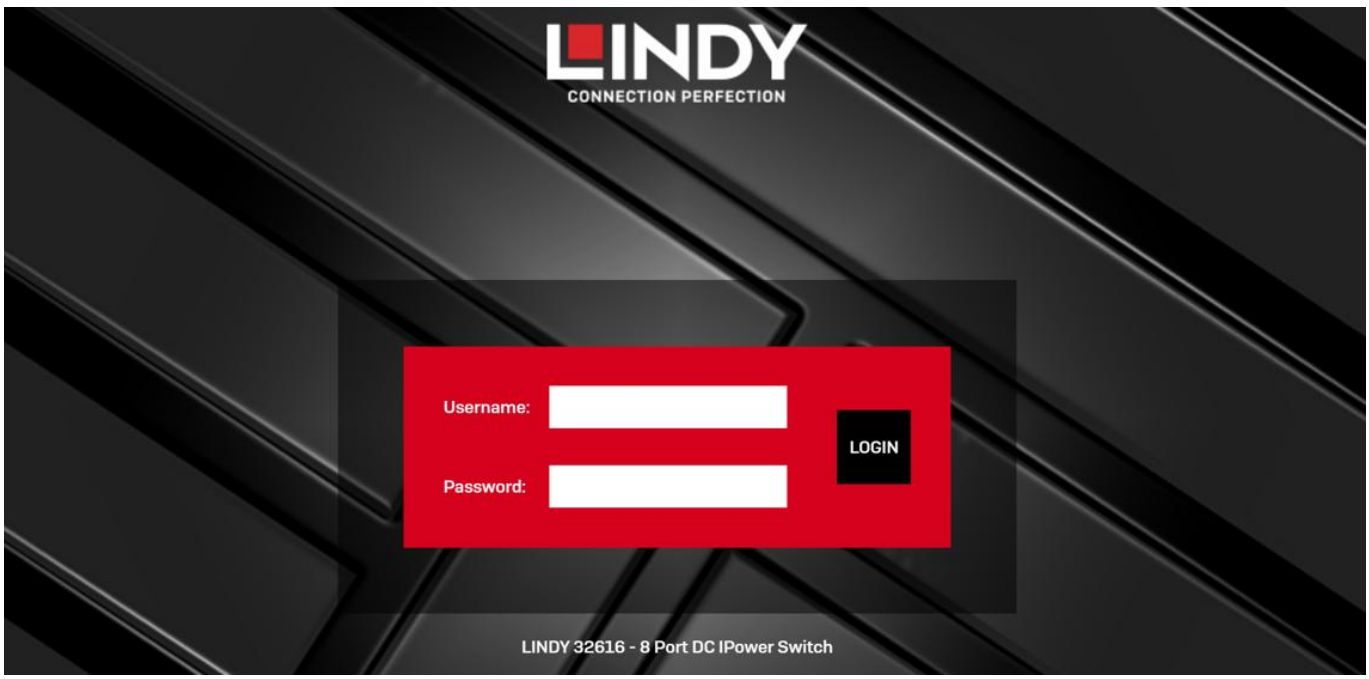
È possibile ottenere l'indirizzo IP corrente collegando il dispositivo alla porta RS232 e inviando il comando >getstatus, come mostrato di seguito:



Se nella rete non è presente un server DHCP (ad esempio un router), il dispositivo tornerà alle seguenti impostazioni IP predefinite sulla Porta 1:

Porta 1: 192.168.0.178
Subnet Mask 1: 255.255.255.0
Gateway: 192.168.0.1
Porta Telnet: 4001

Digitare l'indirizzo IP nel browser per aprire la pagina di accesso.



Nome utente predefinito: admin
Password predefinita: aP?y43Tq
Inserire il nome utente e la password predefiniti, quindi fare clic su LOGIN.

Importante: modificare immediatamente la password predefinita

Per proteggere il prodotto e i dati personali, è necessario modificare la password predefinita il prima possibile dopo la configurazione.

Questo prodotto è conforme alla normativa britannica sulla sicurezza dei prodotti e sulle infrastrutture di telecomunicazione (PSTI), che richiede che tutte le password predefinite siano univoche o generate per dispositivo. Tuttavia, per mantenere il massimo livello di sicurezza, è essenziale impostare una password propria, robusta e memorabile.

Come modificare la password:

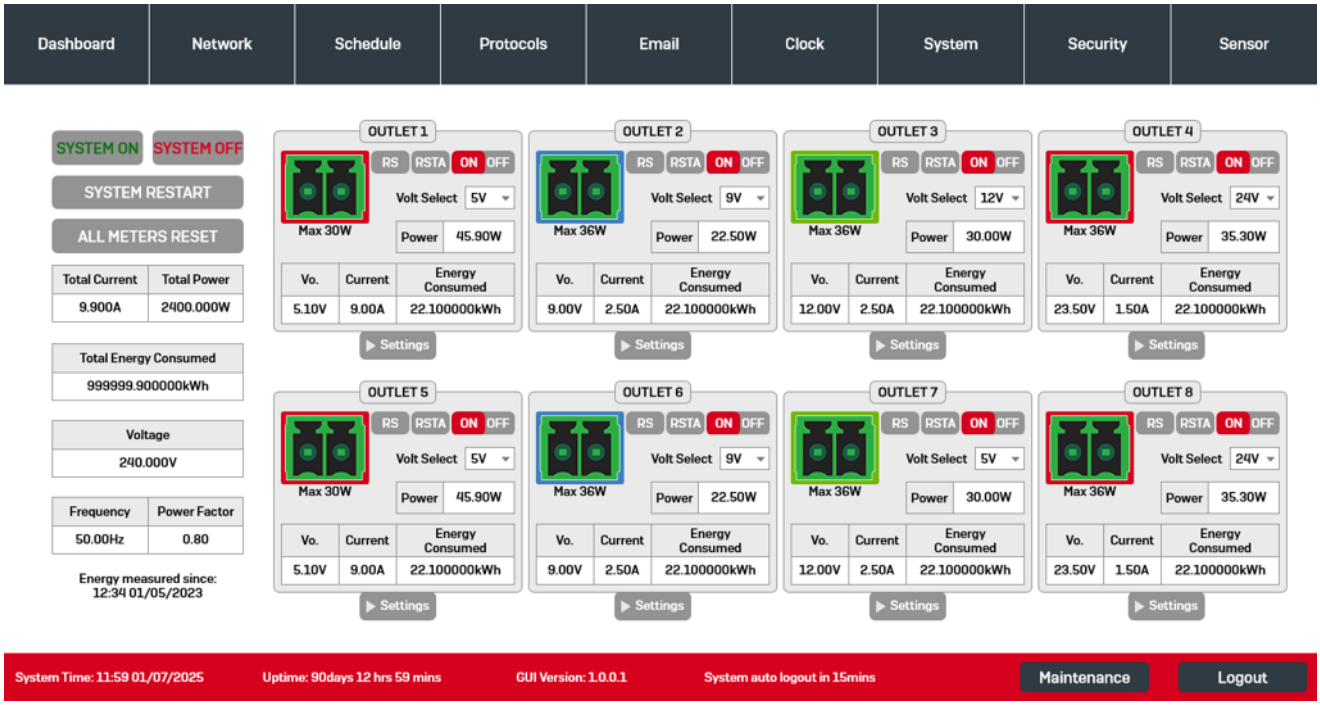
1. Accendere il dispositivo e connettersi tramite l'interfaccia Web.
2. Effettuare l'accesso con le credenziali predefinite indicate sopra.
3. Accedere a Sicurezza > Password di accesso Web-GUI.
4. Inserire la password attuale, digita due volte la nuova password e poi confermare.
5. Salvare le modifiche ed effettuare nuovamente l'accesso con la nuova password.

Suggerimenti per una password sicura:

- Utilizzare almeno 8 caratteri (si consiglia 12+)
- Includere lettere maiuscole e minuscole
- Aggiungere numeri e caratteri speciali (!, @, #, ecc.)
- Evitare parole comuni o informazioni personali

La mancata modifica della password predefinita potrebbe esporre il dispositivo a rischi per la sicurezza. Per assistenza, contattare il team di supporto clienti.

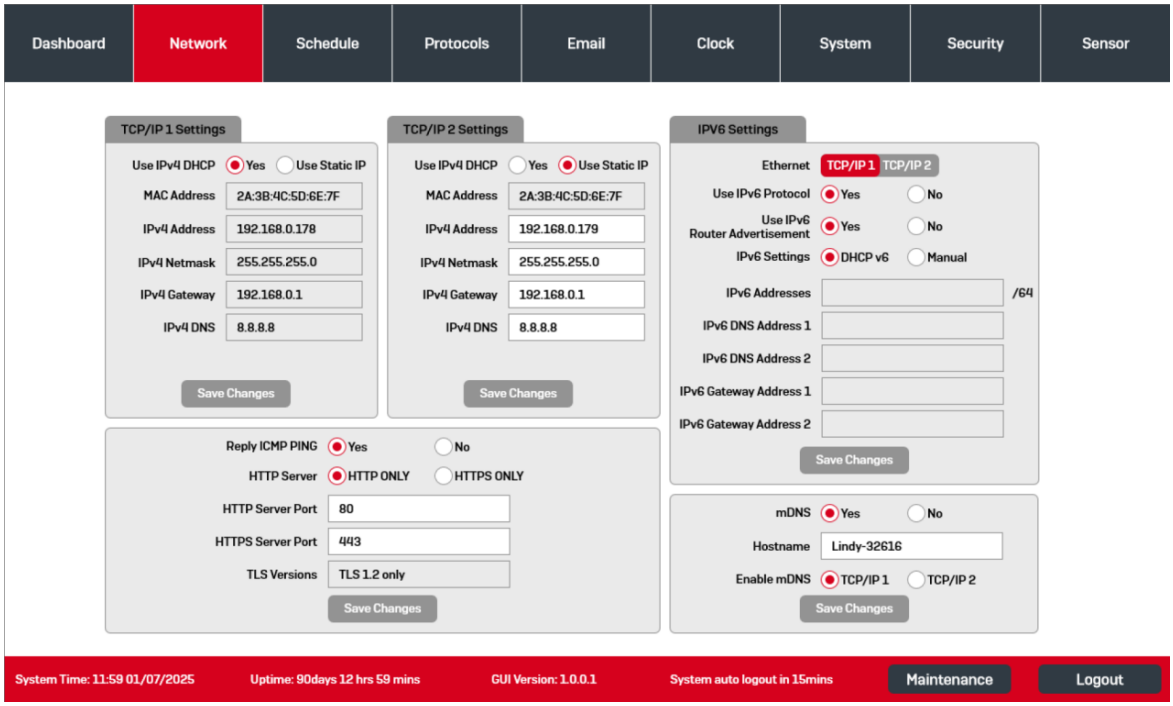
Dashboard



ALL ON/ALL OFF: accendere/spegnere tutte le 8 prese.
SYSTEM RESTART: riavviare l'unità.
ALL METERS RESET: reset dei contatori delle 8 prese.
OUTLET 1-8
RS: reset dell'energia consumata.

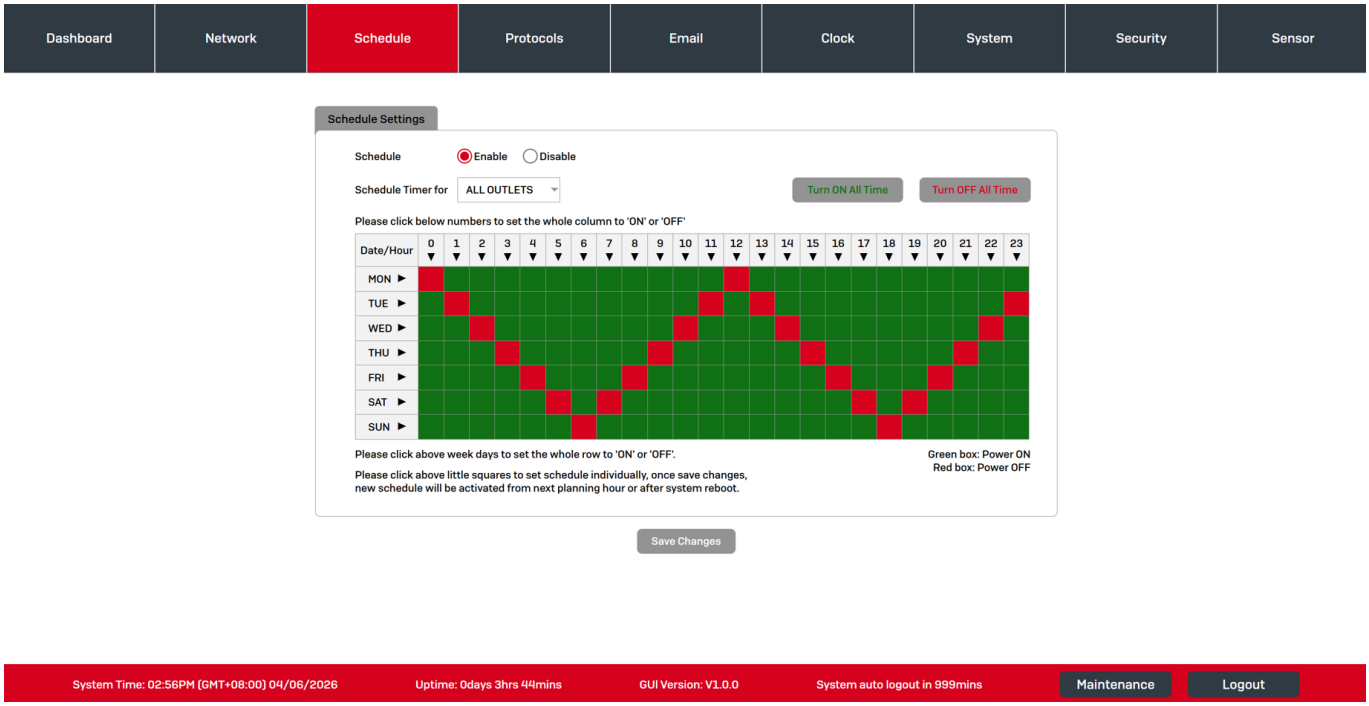
RSTA: riavvio.
ON/OFF: accensione/spegnimento.
VOLT SELECT: commutare la tensione di uscita.
SETTINGS: rinominare la porta, impostare i tempi di riaccensione e spegnimento, impostare la durata del reset dei contatori e impostare il Positive Voltage Shift se la tensione del terminale di uscita è bassa.
SAVE CHANGES: fare clic per salvare le impostazioni della presa.

Network



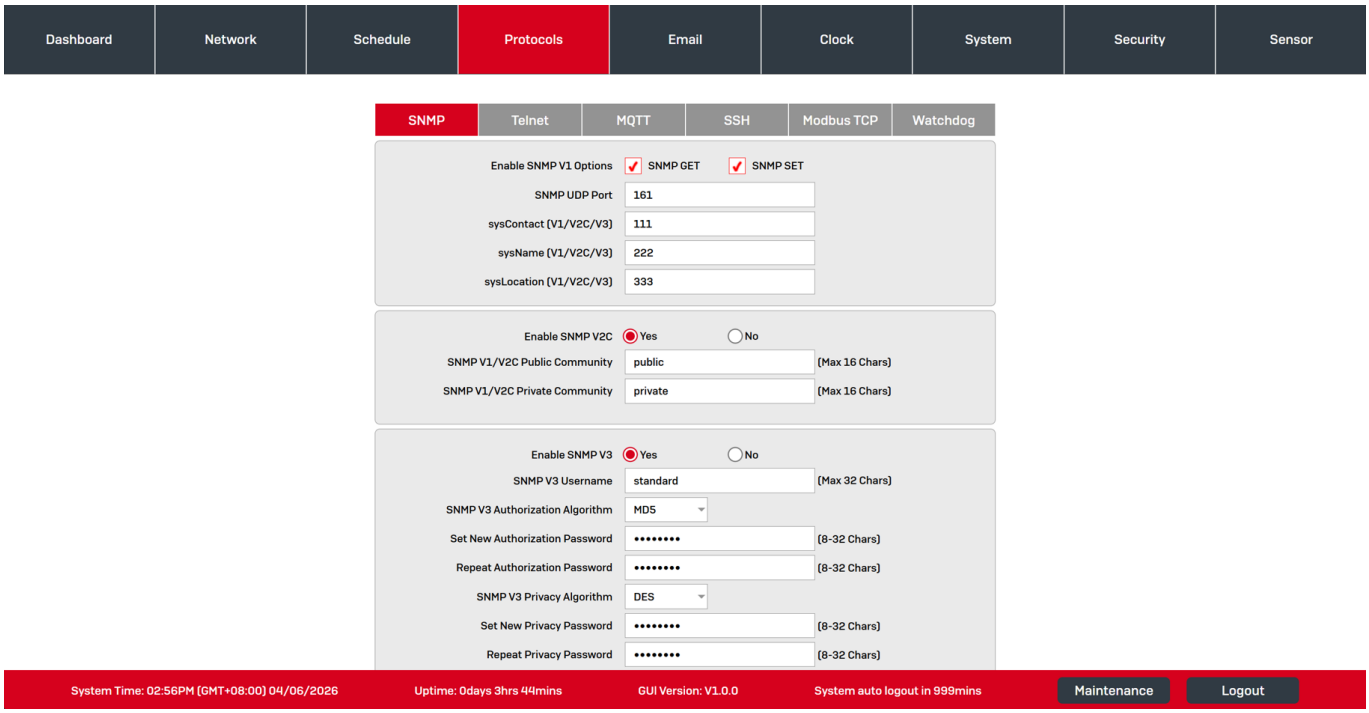
Impostazioni di rete, IPv4 e IPv6 per entrambe le porte TCP/IP, PING on/off, server HTTP e mDNS.

Schedule



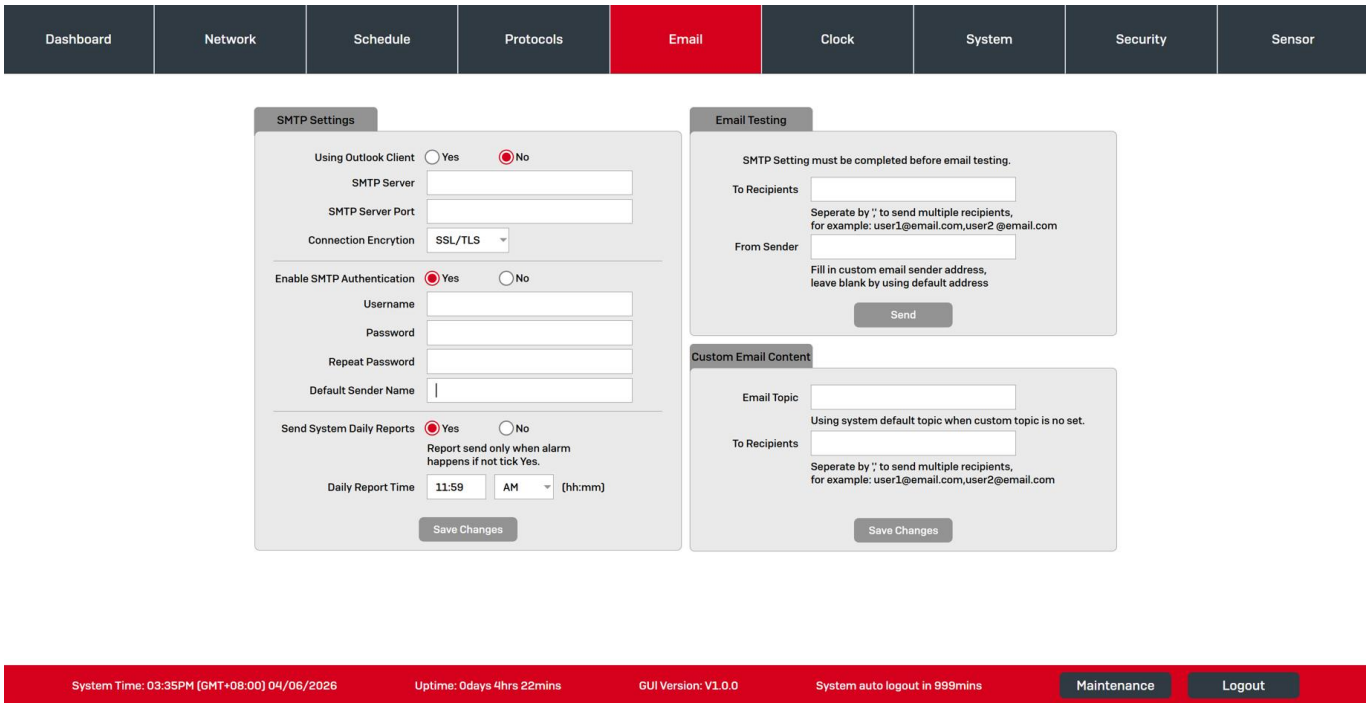
Selezionare le prese e pianificare lo stato on/off per giorni e ore (verde = on, rosso = off).

Protocols



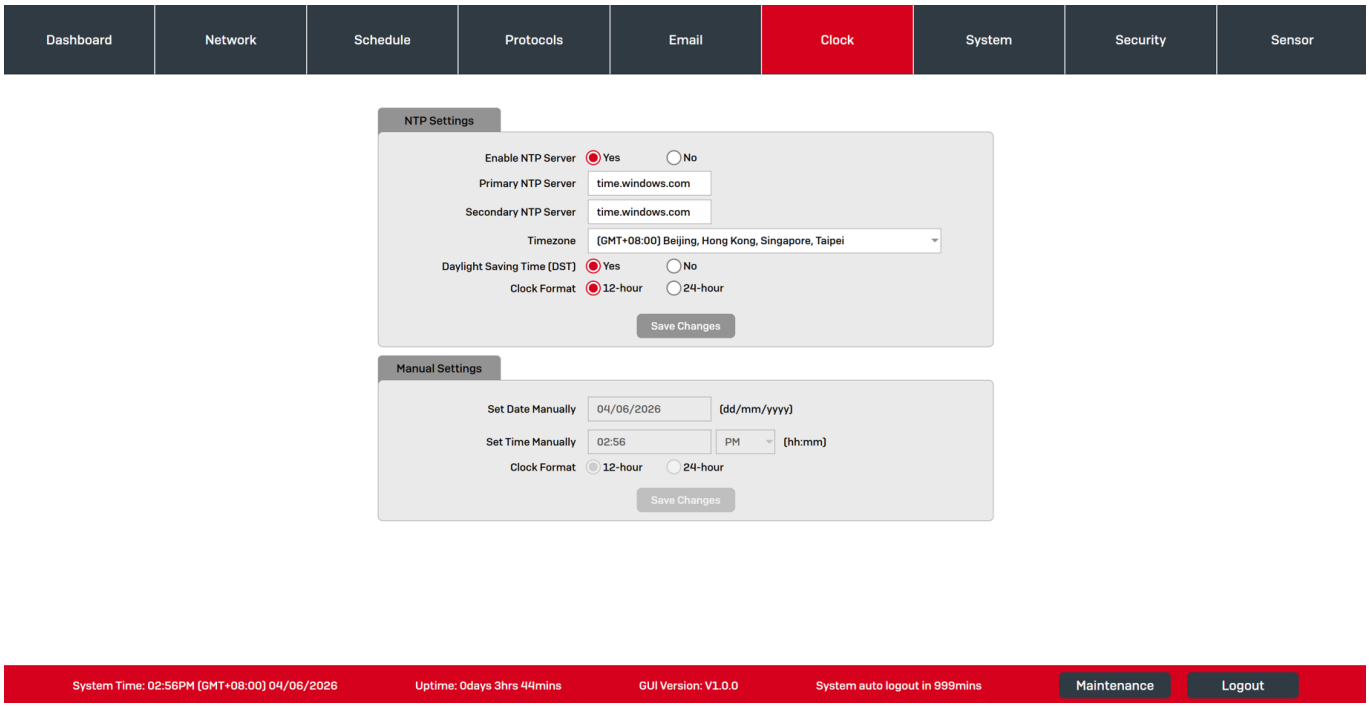
Selezionare i protocolli disponibili tra SNMP, Telnet, MQTT, SSH, Modbus TCP e Watchdog per stabilire la connessione necessaria. Ogni finestra fornisce la configurazione del protocollo selezionato.

Email



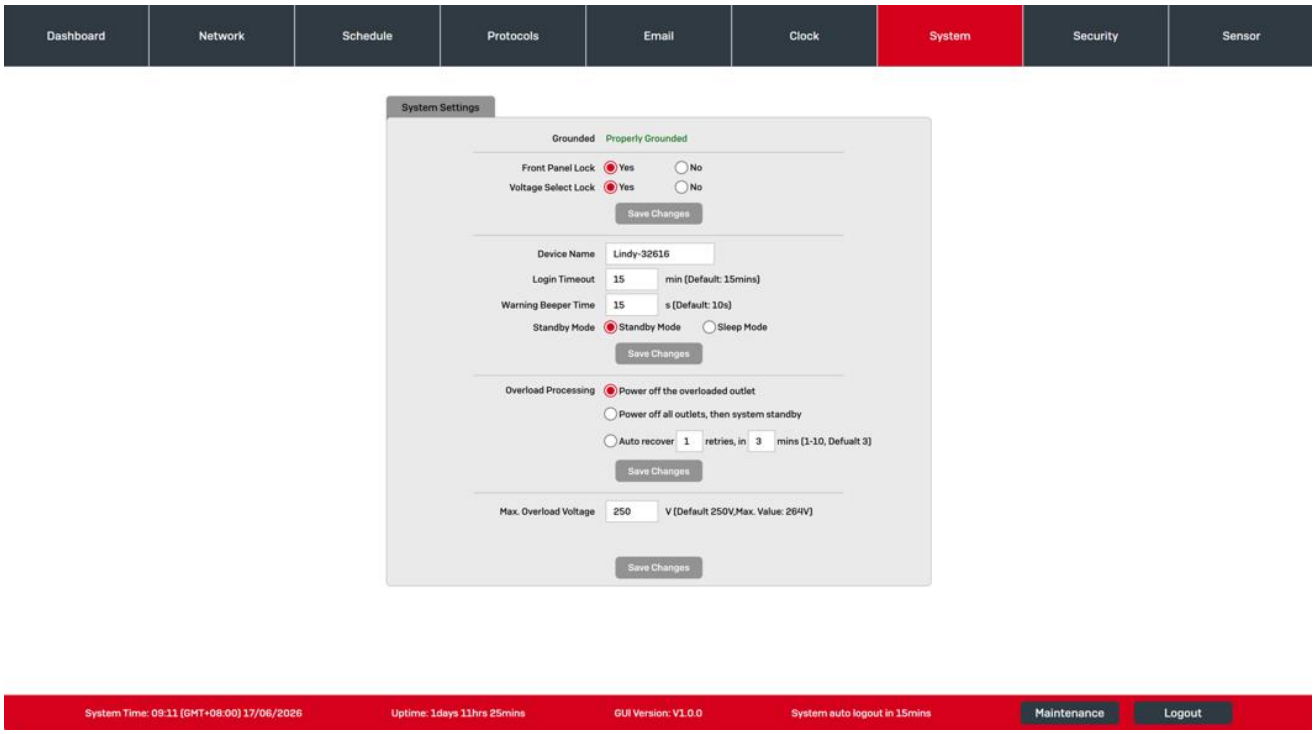
Configurare il server e-mail e l’account per ricevere avvisi e report.

Clock



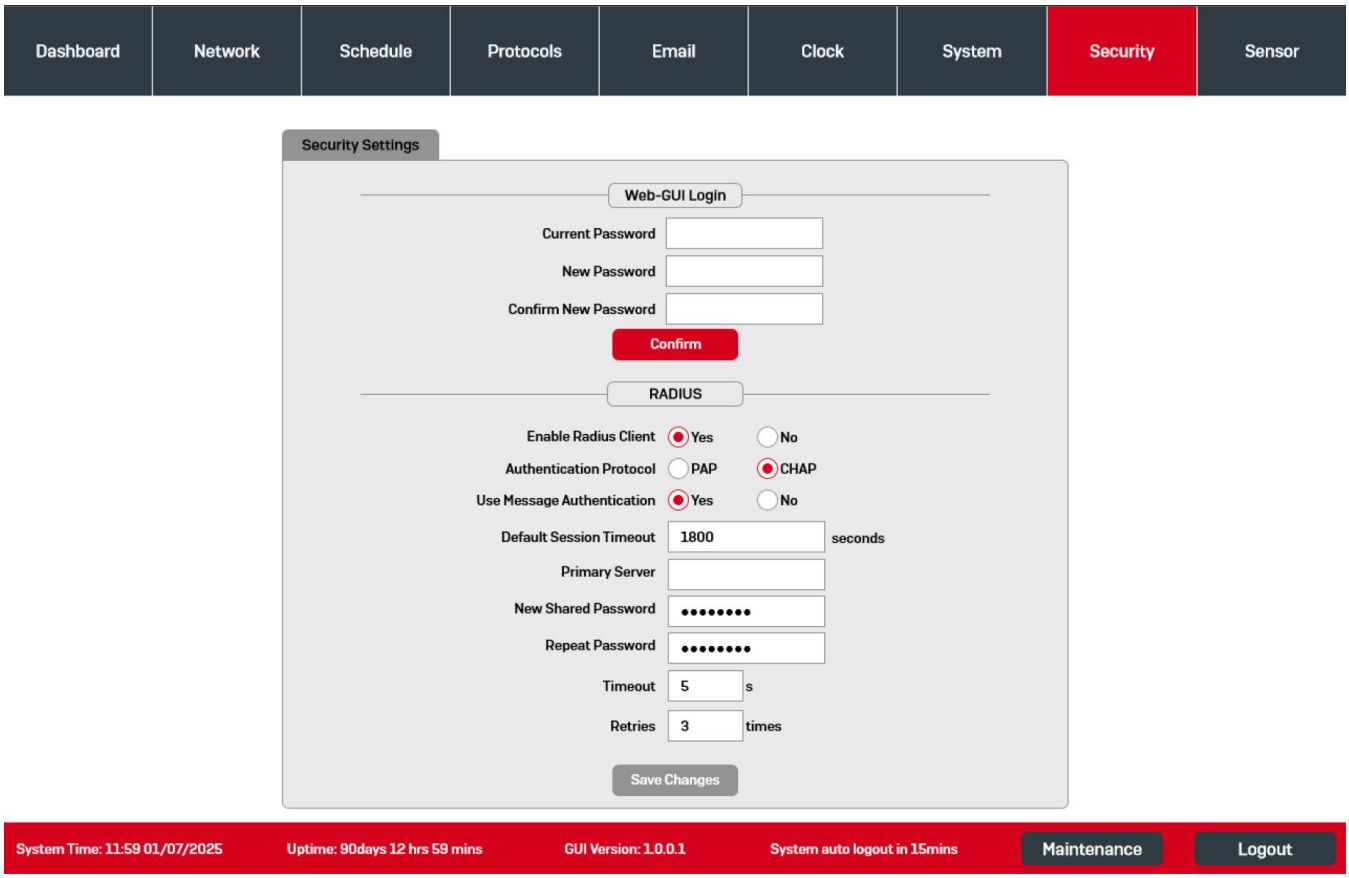
Configurare le impostazioni dell'orario manualmente o tramite connessione Internet abilitando il server NTP.

System



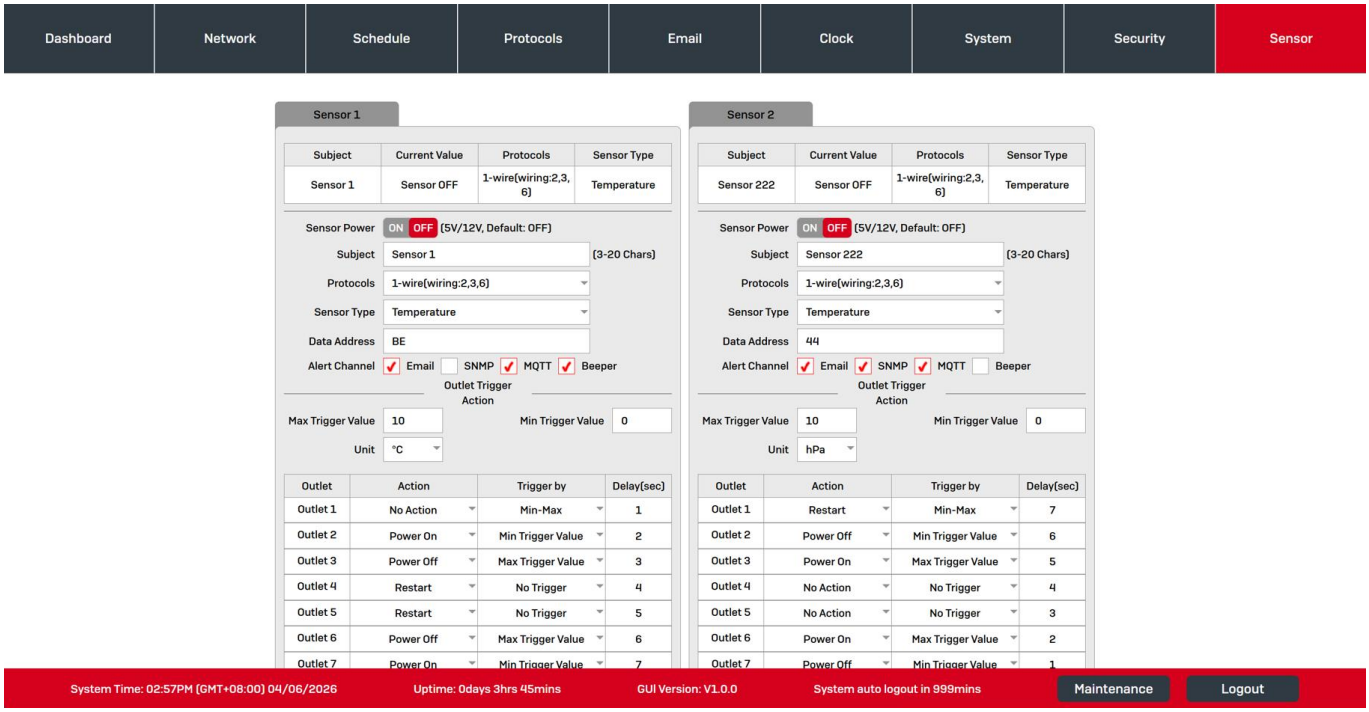
Pagina impostazioni di sistema, sblocco dei pulsanti del pannello anteriore, timeout di accesso, durata del segnale acustico di avviso, gestione del sovraccarico e soglia di sovracorrente.

Security

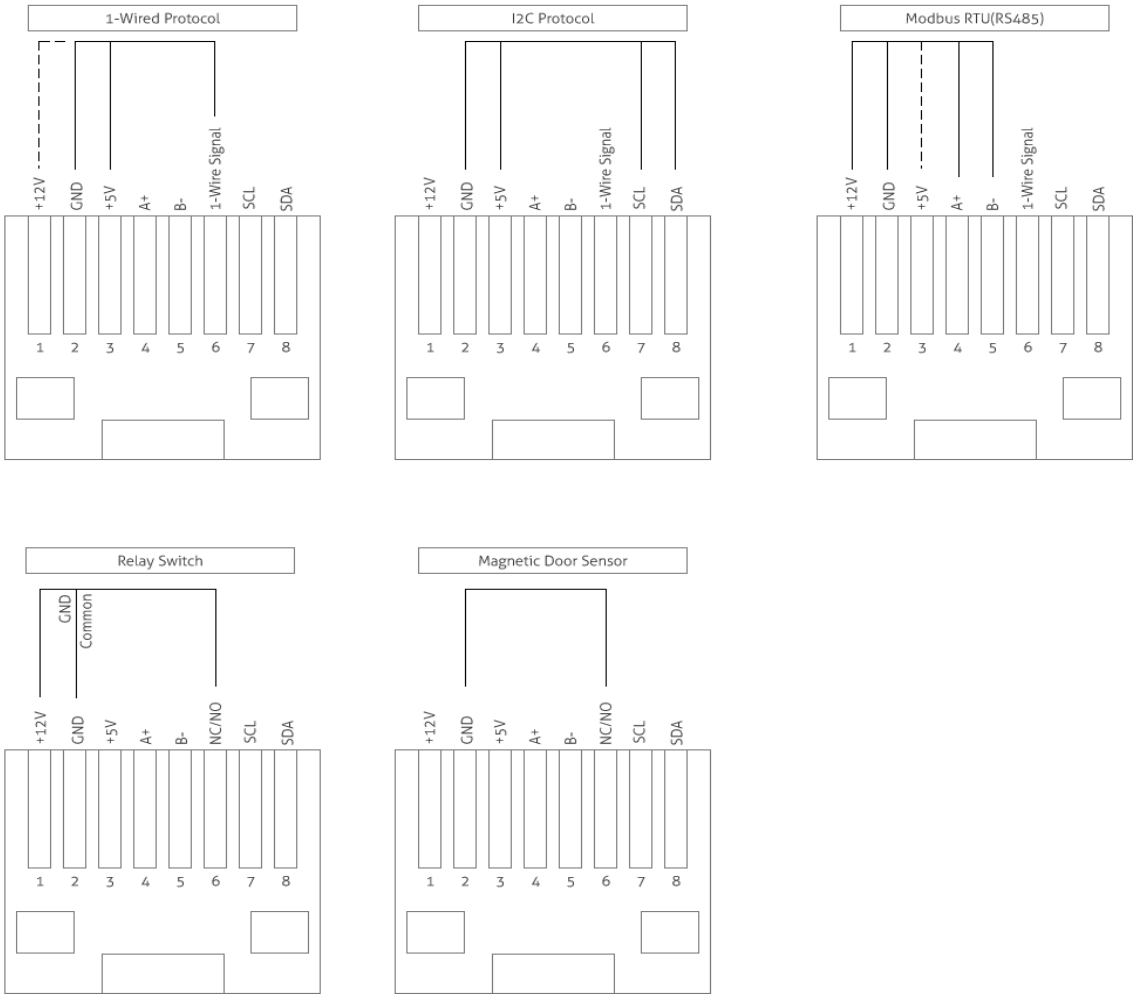


Impostazioni di sicurezza, modifica della password di accesso e dei parametri del client Radius.

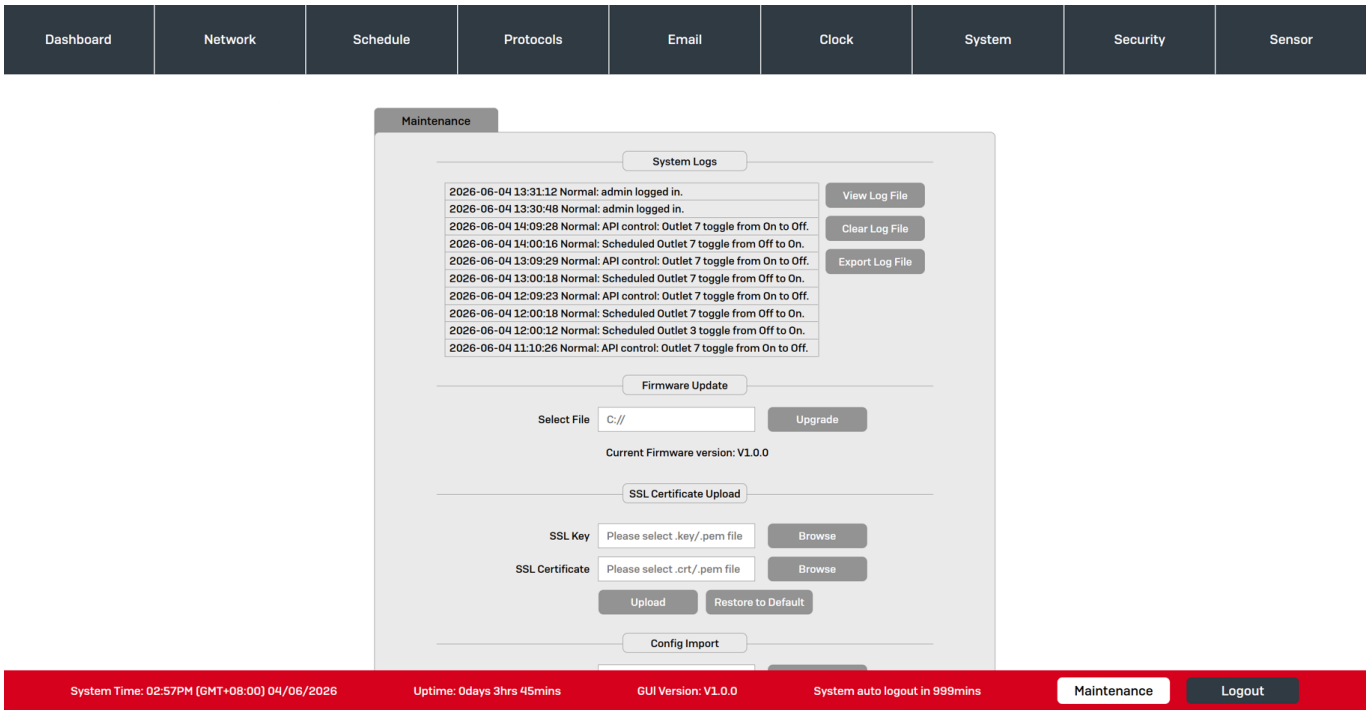
Sensor



Verificare le proprietà e gestire le opzioni disponibili dei sensori (se collegati). Nota: quando si collega un sensore, ogni protocollo fornisce un valore di alimentazione diverso del pinout RJ-45. Fare riferimento alla figura seguente:



Maintenance



Fare clic sul pulsante Maintenance per visualizzare i log di sistema, aggiornare il firmware, caricare il certificato SSL, importare ed esportare la configurazione, riavviare il dispositivo, eseguire il ripristino di fabbrica e svuotare la cache DNS.

Comandi

Port 1 IP address: 192.168.0.178
Port 2 IP address: 192.168.0.179
Telnet port: 4001
Baudrate: 57600 (default)
Data bit: 8
Stop bit:1
Check bit: none
Terminator: <CR><LF>
Error command feedback code: <Command Error
<Out of Range

Command	Function	Example	Feedback
>?/Help	List all the command	>? >Help	All the commands list
>GetStatus	Get the status of the device.	>GetStatus	<Lindy-32616 <V1.0.0 <GetPowerStatus On <GetKeyStatus On <GetSelectKeyStatus On <GetTCP/IPEnable 2 <GetRS232Baud 57600 <GetSystemVoltageThreshold 264V <Outlet 1 Off <Outlet 2 Off <Outlet 3 Off <Outlet 4 Off <Outlet 5 Off <Outlet 6 Off <Outlet 7 Off <Outlet 8 Off <GetGroundStatus Properly Grounded <GetOutletMode 1 Idle <GetOutletMode 2 Idle <GetOutletMode 3 Idle <GetOutletMode 4 Idle <GetOutletMode 5 Idle <GetOutletMode 6 Idle <GetOutletMode 7 Idle <GetOutletMode 8 Idle <GetOutletPowerOnTime 1 2s <GetOutletPowerOnTime 2 2s <GetOutletPowerOnTime 3 2s <GetOutletPowerOnTime 4 2s <GetOutletPowerOnTime 5 2s <GetOutletPowerOnTime 6 2s <GetOutletPowerOnTime 7 2s <GetOutletPowerOnTime 8 2s <GetOutletPowerOffTime 1 2s <GetOutletPowerOffTime 2 3s <GetOutletPowerOffTime 3 4s <GetOutletPowerOffTime 4 5s

			<GetOutletPowerOffTime 5 6s <GetOutletPowerOffTime 6 7s <GetOutletPowerOffTime 7 8s <GetOutletPowerOffTime 8 9s <GetOutletPowerRestaTime 1 2s <GetOutletPowerRestaTime 2 3s <GetOutletPowerRestaTime 3 4s <GetOutletPowerRestaTime 4 5s <GetOutletPowerRestaTime 5 6s <GetOutletPowerRestaTime 6 7s <GetOutletPowerRestaTime 7 8s <GetOutletPowerRestaTime 8 9s <GetOutletEleResetTime 1 10s <GetOutletEleResetTime 2 10s <GetOutletEleResetTime 3 10s <GetOutletEleResetTime 4 10s <GetOutletEleResetTime 5 10s <GetOutletEleResetTime 6 10s <GetOutletEleResetTime 7 10s <GetOutletEleResetTime 8 10s <GetOutletDCVoltage 1 5V <GetOutletDCVoltage 2 9V <GetOutletDCVoltage 3 9V <GetOutletDCVoltage 4 9V <GetOutletDCVoltage 5 9V <GetOutletDCVoltage 6 9V <GetOutletDCVoltage 7 9V <GetOutletDCVoltage 8 9V <GetOutletDCVoltageOffset 1 1 <GetOutletDCVoltageOffset 2 1 <GetOutletDCVoltageOffset 3 1 <GetOutletDCVoltageOffset 4 1 <GetOutletDCVoltageOffset 5 1 <GetOutletDCVoltageOffset 6 1 <GetOutletDCVoltageOffset 7 1 <GetOutletDCVoltageOffset 8 1 <GetSafeMode Outlet_Shutdown <GetStandbyMode All_Standby_Mode <GetOverloadRetryCnt 1 <GetOverloadRetryTime 3mins <GetBeeperTime 10s <TCP/IP1 DHCP On <TCP/IP1 IP Address 192.168.000.178 <TCP/IP1 Gateway Address 192.168.000.001 <TCP/IP1 Subnet Mask 255.255.255.000 <MAC1 Address 00:0C:43:28:80:BB <TCP/IP2 DHCP On <TCP/IP2 IP Address 192.168.000.179 <TCP/IP2 Gateway Address 192.168.000.001 <TCP/IP2 Subnet Mask 255.255.255.000 <MAC2 Address 00:0C:43:28:80:AA <mDNS On

			<mDNS Name Lindy-32616 <TCP/IPv61 Protocol Off <TCP/IPv61 DHCP Off <TCP/IPv61 IP Address <TCP/IPv61 Gateway Address1 <TCP/IPv61 Gateway Address2 <TCP/IPv62 Protocol Off <TCP/IPv62 DHCP Off <TCP/IPv62 IP Address <TCP/IPv62 Gateway Address1 <TCP/IPv62 Gateway Address2
>GetOutletStatus	Get the status of a single outlet. >GetOutletStatus [Param1] Param1 = 0-8 0: All Outlets 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8	>GetOutletStatus 1	<Outlet 1 On
>GetSensorCfg	Get the sensor configuration >GetSensorCfg	>GetSensorCfg	<Lindy-32616 <V1.0.0 <GetSensor1PowerStatus Off <GetSensor1Protocols 1-wire <GetSensor1Type Tem <GetSensor1Address BE <GetSensor1Beeper Off <GetSensor1ValueMax 10 <GetSensor1ValueMin 0 <GetSensor1Unit 1 <GetSensor1Response 1 NoAction <GetSensor1Response 2 NoAction <GetSensor1Response 3 NoAction <GetSensor1Response 4 NoAction <GetSensor1Response 5 NoAction <GetSensor1Response 6 NoAction <GetSensor1Response 7 NoAction <GetSensor1Response 8 NoAction <GetSensor1Trigger 1 NoTrigger <GetSensor1Trigger 2 NoTrigger <GetSensor1Trigger 3 NoTrigger <GetSensor1Trigger 4 NoTrigger <GetSensor1Trigger 5 NoTrigger <GetSensor1Trigger 6 NoTrigger <GetSensor1Trigger 7 NoTrigger <GetSensor1Trigger 8 NoTrigger <GetSensor1Delay 1 10s <GetSensor1Delay 2 10s <GetSensor1Delay 3 10s <GetSensor1Delay 4 10s

			<GetSensor1Delay 5 10s <GetSensor1Delay 6 10s <GetSensor1Delay 7 10s <GetSensor1Delay 8 10s <GetSensor2PowerStatus Off <GetSensor2Protocols 1-wire <GetSensor2Type Tem <GetSensor2Address BE <GetSensor2Beeper Off <GetSensor2Valuemax 10 <GetSensor2Valuemin 0 <GetSensor2Unit 1 <GetSensor2Response 1 NoAction <GetSensor2Response 2 NoAction <GetSensor2Response 3 NoAction <GetSensor2Response 4 NoAction <GetSensor2Response 5 NoAction <GetSensor2Response 6 NoAction <GetSensor2Response 7 NoAction <GetSensor2Response 8 NoAction <GetSensor2Trigger 1 NoTrigger <GetSensor2Trigger 2 NoTrigger <GetSensor2Trigger 3 NoTrigger <GetSensor2Trigger 4 NoTrigger <GetSensor2Trigger 5 NoTrigger <GetSensor2Trigger 6 NoTrigger <GetSensor2Trigger 7 NoTrigger <GetSensor2Trigger 8 NoTrigger <GetSensor2Delay 1 10s <GetSensor2Delay 2 10s <GetSensor2Delay 3 10s <GetSensor2Delay 4 10s <GetSensor2Delay 5 10s <GetSensor2Delay 6 10s <GetSensor2Delay 7 10s <GetSensor2Delay 8 10s
>GetElesta	Get the electricity information, such as power consumption, voltage, current, etc.	>GetElesta	<Lindy-32616 <V1.0.0 <Voltage 231.575V <Input Current 0.145A <Total Power 3.670W <Total Energy Consumed 0.000342kWh <Power Factor 0.11 <Frequency 49.95Hz <GetOutletVoltage 1 0.00V <GetOutletVoltage 2 0.00V <GetOutletVoltage 3 0.00V <GetOutletVoltage 4 0.00V <GetOutletVoltage 5 0.00V <GetOutletVoltage 6 0.00V <GetOutletVoltage 7 0.00V <GetOutletVoltage 8 0.00V

			<GetOutletCurrent 1 0.00A <GetOutletCurrent 2 0.00A <GetOutletCurrent 3 0.00A <GetOutletCurrent 4 0.00A <GetOutletCurrent 5 0.00A <GetOutletCurrent 6 0.00A <GetOutletCurrent 7 0.00A <GetOutletCurrent 8 0.00A <GetOutletPower 1 0.00W <GetOutletPower 2 0.00W <GetOutletPower 3 0.00W <GetOutletPower 4 0.00W <GetOutletPower 5 0.00W <GetOutletPower 6 0.00W <GetOutletPower 7 0.00W <GetOutletPower 8 0.00W <GetOutletConsumed 1 0.000000kWh <GetOutletConsumed 2 0.000000kWh <GetOutletConsumed 3 0.000000kWh <GetOutletConsumed 4 0.000000kWh <GetOutletConsumed 5 0.000000kWh <GetOutletConsumed 6 0.000000kWh <GetOutletConsumed 7 0.000000kWh <GetOutletConsumed 8 0.000000kWh
>GetFwVersion	Get the firmware version.	>GetFwVersion	<GetFW Version: V1.0.0 <GetGUI Version: V1.0.0
>SetDeviceName	Set the name of the device. >SetDeviceName: [Param1] [Param1] should be the nickname you want to set. (14 characters maximum)	>SetDeviceName: Lindy-32616	<Device Name: Lindy-32616
>SetPower	Enter/Exit the standby mode. >SetPower [Param1] [Param1] = On,Off On - Power on Off - Power off	>SetPower On >SetPower Off	<System Power On, Please Wait A Moment... Done <System Power Off
>SetKeyLock	To lock/unlock the button on the front panel of the device. >SetKeyLock [Param1] [Param1] = On,Off On - <GetKeyStatus Off Off - <GetKeyStatus On	>SetKeyLock On >SetKeyLock Off	<KeyLock On <KeyLock Off
>SetSelectKeyLock	Lock/unlock the voltage selector button on the rear panel. >SetSelectKeyLock [Param1] Param1 = On,Off On - <GetSelectKeyStatus Off Off - <GetSelectKeyStatus On	>SetSelectKeyLock On >SetSelectKeyLock Off	<SelectKeyLock On <SelectKeyLock Off
>SetVoltageThreshold	Set a voltage threshold for the system. >SetVoltageThreshold [Param1] [Param1] =198-264	>SetVoltageThreshold 222	<System Voltage Threshold 222V

>SetSafeMode	Set an action of what the system will do when it goes overloaded. >SetSafeMode [Param1] [Param1] = 0-2 0: Outlet_Shutdown 1: System_Shutdown 2:Auto_Retry	>SetSafeMode 0 >SetSafeMode 1 >SetSafeMode 2	<System Safe Mode: Outlet_Shutdown <System Safe Mode: System_Shutdown <System Safe Mode: Auto_Retry
>SetOverloadRetryCnt	Set the times of the system will reboot when it goes overloaded. >SetOverloadRetryCnt [Param1] [Param1] = 1-3 1(Default)	>SetOverloadRetryCnt 1 >SetOverloadRetryCnt 2 >SetOverloadRetryCnt 3	<System Retry Number 1 <System Retry Number 2 <System Retry Number 3
>SetOverloadRetryTime	Set a delayed time for the system to reboot when it goes overloaded. (unit is minutes) >SetOverloadRetryTime [Param1] [Param1] = 1-10 3(Default)	>SetOverloadRetryTime 1	<System Retry Delay Time 1mins
>SetStandbyMode	Set a standby mode for the system. >StandbyMode [Param1] [Param1] = 0-1 0: All_Standby_Mode 1: Sleep_Mode	>SetStandbyMode 0 >SetStandbyMode 1	<System Standby Mode: All_Standby_Mode <System Standby Mode: Sleep_Mode
>SetRs232Baud	Set a baudrate for RS232 >SetRs232Baud [Param1] [Param1] = 1-7 1: 2400 2: 4800 3: 9600 4: 19200 5: 38400 6: 57600(Default), 7: 115200	>SetRs232Baud 6	<RS232Baud 57600
>SetRs232Out	RS232 Passthrough >SetRs232Out [Param1][Param2][Param3][Param4] [Param1] = a,h a: ASCII h: HEX [Param2] = 1-7 1: 2400 2: 4800 3: 9600 4: 19200 5: 38400 6: 57600(Default), 7: 115200 [Param3] = 1-3 1: None 2: Even 3: Odd Param4 = string	>SETRS232OUT a:6:1:RS232	RS232
>SetBeeperTime	Set buzzer duration of time. (unit is seconds) >SetBeeperTime [Param1] [Param1] = 0: 9999 10(Default)	>SetBeeperTime 10	<Buzzer Sound Time 10s

>SetOutletTime	Set a delay time for an outlet to turn on/off. (unit is seconds) >SetOutlet[Param1]Time [Param2][Param3] [Param1] =On,Off [Param2] = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 [Param3] = 2-9999 (On)/ 0-9999 (Off)	>SetOutletOnTime 1:2 >SetOutletOffTime 1:1	<Outlet 1 Power_On Delay 2s <Outlet 1 Power_Off Delay 1s
>SetOutletRestaTime	Set a delay time for an outlet to restart (unit is in seconds) >SetOutletRestaTime [Param1]:[Param2] Param1 = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 Param2 = 2-9999	>SetOutletRestaTime 1:2	<Outlet 1 Power_Resta Delay 2s
>SetOutletEleResetTime	Set the outlet power reset delay time, in seconds. >SetOutletEleResetTime[Param1][Param2] Param1 = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 [Param2] = 0-9999 10(Default)	>SetOutletEleResetTime 1:10	<Outlet 1 Electrical Work Reset Duration 10s
>SetAllOut	Set on/off all the outlets. >SetAllOut [Param1] [Param1] = On,Off	>SetAllOut On >SetAllOut Off	<All Outlets On <All Outlets Off
>SetOutlet	Set on/off a single outlet. >SetOutlet [Param1][Param2] Param1 = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 Param2 = On,Off,Resta	>SetOutlet 1 On	<Outlet 1 On
>SetAllVolt	Set the voltage values for all outlets. >SetAllVolt [Param1]	>SetAllVolt 5	<All Outlets Voltage Status 5V

	Param1 = 5,9,12,24 5: 5V 9: 9V 12: 12V 24: 24V		
>SetOutVolt	Set the voltage values for single outlet. >SetAllVolt [Param1][Param2] Param1 = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 Param2 = 5,9,12,24 5: 5V 9: 9V 12: 12V 24: 24V	>SetOutVolt 1: 24	<Outlet 1 Voltage Status 24V
>SetVoltOffset	Set the voltage step size. >SetVoltOffset [Param1]:[Param2] Param1 = 0-8 0: All 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 Param2 = 0,1,2 0-2 Depend On Different Voltage	>SetVoltOffset 1:1	<Outlet 1 Off <Outlet 1 Voltage Offset 1
>RsAllOutEle	Reset the metered values for all outlets.	>RsAllOutEle	<Clean Up Electrical Work: All Outlets
>RsOutEle	Reset the metered values for a outlet. >RsOutEle [Param1] [Param1] = 1-4 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8	>RsOutEle 1	<Clean Up Electrical Work: Outlet 1
>GetSysTime	Get the time of the date and time of the system.	>GetSysTime	<GetSystemTime: 2023-05-11 02:47:16 Thu
>SetSysTime	Set the date and time for the device: >SetSysTime [Param1] [Param1] = year-month-day;hour-minutes-seconds	>SetSysTime 2025-03-18;11-26-59	<SetSystemTime: 2025-03-18 11:26:59
>SetSensor1/Sensor 2Power	Set the on/off state of Sensor1/Sensor2 >Set [Param1] Power [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 0-1	>SetSensor1Power 1 >SetSensor2Power 1	<Sensor1 Power On <Sensor2 Power On

	0: Off 1: On		
>SetSensor1/Sensor2Protocols	Set Sensor1/Sensor2 protocol >Set [Param1] Protocols [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 1-5 1: 1-wire(wiring2,3,6) 2: I2C(wiring2,3,7,8) 3: Modbus-RTU-RS485(wiring1,2,4,5) 4: Door(wiring2,6) 5: Relay Switch(wiring1,2,6)	>SetSensor1Protocols 1 >SetSensor2Protocols 1	<Sensor1 Protocols 1-wire(wiring2,3,6) <Sensor2 Protocols 1-wire(wiring2,3,6)
>SetSensor1/Sensor2Type	Set Sensor1/Sensor2 type >Set [Param1] Type [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 1-7 1: Temperature 2: Humidity 3: Temperature And Humidity 4: Air Pressure 5: Other Data 6: Normally Open 7: Normally Close	>SetSensor1Type 1 >SetSensor2Type 1	<Sensor1 Type Temperature <Sensor2 Type Temperature
>SetSensor1/Sensor2Address	Set the data address for Sensor1/Sensor2 >Set [Param1] Address [Param2] [Param1] = Sensor1, Sensor2 [Param2] = [00-FF] or [0000:FFFF]	>SetSensor1Address 0E >SetSensor2Address 0E	<Sensor1 Data Address 0E <Sensor1 Data Address 0E
>SetSensor1/Sensor2MSAddress	Set the slave addresses of Sensor1/Sensor2 >Set [Param1] Msaddress [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 00-FF	>SetSensor1MSAddress 02 >SetSensor2MSAddress 02	<Sensor1 Slave Station Address 02 <Sensor2 Slave Station Address 02
>SetSensor1/Sensor2MFuncCode	Set Sensor1/Sensor2 function codes >Set [Param1] MFuncCode [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 03 or 04	>SetSensor1MFuncCode 03 >SetSensor2MFuncCode 03	<Sensor1 Function Code 03 <Sensor2 Function Code 03
>SetSensor1/Sensor2ValueMax	Set the maxmum value of Sensor1/Sensor2 >Set[Param1] ValueMax [Param2] [Param1] = Sensor1, Sensor2 [Param2] = [-9999, 9999]	>SetSensor1ValueMax 30 >SetSensor2ValueMax 30	<Sensor1 Max Value 30 <Sensor2 Max Value 30
>SetSensor1/Sensor2ValueMin	Set the minimum value of Sensor1/Sensor2 >Set[Param1] ValueMin [Param2] [Param1] = Sensor1, Sensor2 [Param2] = [-9999, 9998]	>SetSensor1ValueMin 20 >SetSensor2ValueMin 20	<Sensor1 Min Value 20 <Sensor2 Min Value 20
>SetSensor1/Sensor2Unit	Set Sensor1/Sensor2 units >Set [Param1] Unit [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 1-3 1: ℃ 2: %RH 3: hPa	>SetSensor1Unit 1 >SetSensor2Unit 1	<Sensor1 Unit ℃ <Sensor2 Unit ℃
>SetSensor1/Sensor2Beeper	Set the buzzer switch for Sensor1/Sensor2 >Set [Param1] Beeper [Param2] [Param1] = Sensor1, Sensor2 [Param2] = On,Off	>SetSensor1Beeper On >SetSensor2Beeper On	<Sensor1 Beeper On <Sensor2 Beeper On

>SetSensor1/Sensor2OutletMode	Set the channel to respond to actions of Sensor1/Sensor2. >Set [Param1] OutletMode [Param2]:[Param3] [Param1] = Sensor1, Sensor2 [Param2] = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 [Param3] = 1-4 1: NoAction 2: Power On 3: Power Off 4: Restart	>SetSensor1OutletMode 1:2 >SetSensor2OutletMode 1:2	<Outlet 1 Response Sensor1 Mode Power On <Outlet 1 Response Sensor2 Mode Power On
>SetSensor1/Sensor2OutletTrigger	Set the trigger conditions for the channel response sensor >Set [Param1] OutletTrigger [Param2]:[Param3] [Param1] = Sensor1, Sensor2 [Param2] = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 [Param3] = 1-6 1: No Trigger 2: Max Trigger 3: Min Trigger 4: Min-Max 5: On 6: Off	>SetSensor1OutletTrigger 1:2 >SetSensor2OutletTrigger 1:2	<Outlet 1 Response Sensor1 Trigger Max <Outlet 1 Response Sensor2 Trigger Max
>SetSensor1/Sensor2OutletDelay	Set the delay time for the channel to respond to the actions executed by Sensor1/Sensor2. >Set [Param1] OutletDelay [Param2]:[Param3] [Param1] = Sensor1, Sensor2 [Param2] = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 [Param3] = 0-9999	>SetSensor1OutletDelay 1:10	<Outlet 1 Response Sensor1 Delay 10s
>GetSensor1/Sensor2Current	Get the current value of Sensor1/Sensor2	>GetSensor1Current	<Get Sensor1 Current Temperature Value N/A
>GetNetTcp/Ip List	Get the current network IP	>GetNetTcp/Ip List	<List Current TCP/IP Address
>SetNetTcp/IpEnable	Enable/Disable the TCP/IP: >SetNetTcp/IpEnable [Param1]	>SetNetTcp/IpEnable 1 >SetNetTcp/IpEnable 2	<TCP/IP1 Enable <TCP/IP2 Enable

	[Param1] = 1-2 1: TCP/IP1 2: TCP/IP2		
>SetNetTcp/Ip1Dhcp	Turn on/off the DHCP for TCP/IP1: >SetNetTcp/Ip1Dhcp [Param1] [Param1] = On,Off	>SetNetTcp/Ip1Dhcp On >SetNetTcp/Ip1Dhcp Off	<TCP/IP1 DHCP On <TCP/IP1 DHCP Off
>SetNetTcp/Ip1Ip	Set an IP address for TCP/IP1: >SetNetTcp/Ip1Ip [Param1] [Param1] = XXX.XXX.XXX.XXX	>SetNetTcp/Ip1Ip 192.168.000.001	<TCP/IP1 IP Address 192.168.000.001
>SetNetTcp/Ip1Gw	Set a gateway for TCP/IP1: >SetNetTcp/Ip1Gw [Param1] [Param1] = XXX.XXX.XXX.XXX	>SetNetTcp/Ip1Gw 192.168.000.254	<TCP/IP1 Gateway Address 192.168.000.254
>SetNetTcp/Ip1Sm	Set a subnet mask for TCP/IP1: >SetNetTcp/Ip1Sm [Param1] [Param1] = XXX.XXX.XXX.XXX	>SetNetTcp/Ip1Sm 192.168.000.254	<TCP/IP1 Subnet Mask 192.168.000.254
>SetNetTcp/Ip2Dhcp	Turn on/off the DHCP of TCP/IP2: >SetNetTcp/Ip2Dhcp [Param1] [Param1] = On,Off	>SetNetTcp/Ip2Dhcp On >SetNetTcp/Ip2Dhcp Off	<TCP/IP2 DHCP On <TCP/IP2 DHCP Off
>SetNetTcp/Ip2Ip	Set an IP address for TCP/IP2: >SetNetTcp/Ip2Ip [Param1] [Param1] = XXX.XXX.XXX.XXX	>SetNetTcp/Ip2Ip 192.168.000.001	<TCP/IP2 IP Address 192.168.000.001
>SetNetTcp/Ip2Gw	Set the gateway for TCP/IP2: >SetNetTcp/Ip2Gw [Param1] [Param1] = XXX.XXX.XXX.XXX	>SetNetTcp/Ip2Gw 192.168.000.254	<TCP/IP2 Gateway Address 192.168.000.254
>SetNetTcp/Ip2Sm	Set the subnet mask for TCP/IP2 >SetNetTcp/Ip2Sm [Param1] [Param1]	>SetNetTcp/Ip2Sm 192.168.000.254	<TCP/IP2 Subnet Mask 192.168.000.254
>SetNetMdns	Turn on/off the mDNS >SetNetMdns [Param1] [Param1] = On,Off	>SetNetMdns On >SetNetMdns Off	<mDNS On <mDNS Off
>SetNetRb	Reboot the IP service	>SetNetRb	<Network Reboot And Apply New Config
>FactoryReset	Factory Reset the device.	>FactoryReset	<FactoryReset
>Reboot	Restart the MCU	>Reboot	<Reboot
>Resta	All outlets restart	>Resta	<System Restart

Lindy controlla e testa regolarmente la propria gamma di prodotti per garantire la massima compatibilità e le migliori prestazioni. Per la versione più aggiornata di questo manuale, consultare il sito Web Lindy locale, cercare il codice pertinente e scaricare il manuale dal campo Download.

Introducción

Gracias por la compra de nuestro producto IPower DC de 8 puertos. Este producto ha sido diseñado para proporcionar un funcionamiento confiable y sin problemas. Se beneficia tanto de una garantía LINDY 3 años como de nuestro soporte técnico gratuito de por vida. Para garantizar su uso correcto, lea este manual detenidamente y consérvelo para consultarlo en el futuro.

Este IPower Switch está diseñado para el control y la supervisión de la alimentación a través de TCP/IP, con el fin de facilitar la gestión remota de la energía. Los administradores de sistemas pueden controlar la alimentación de múltiples dispositivos con tensiones de salida de 5/9/12/24V por puerto, lo que permite encender y apagar los dispositivos y supervisar el consumo de energía a través de una interfaz gráfica de usuario web fácil de usar, RS-232 o comandos API. Además, se pueden utilizar dos puertos para sensores con el fin de conectar sensores ambientales externos.

Información de seguridad

! ADVERTENCIA !



Lea atentamente la siguiente información de seguridad y guarde siempre este documento junto con el producto.
El incumplimiento de estas precauciones puede provocar lesiones graves o la muerte por descarga eléctrica, incendio o daños al producto.

Este dispositivo tiene una fuente de alimentación de tipo conmutable y puede funcionar con voltajes de suministro en el rango de 100… 240VCA.

Tocar los componentes internos o un cable dañado puede causar una descarga eléctrica que puede resultar en la muerte.
Para reducir el riesgo de incendio, descargas eléctricas o daños:

- No abra el producto. No hay partes internas que puedan ser reparables por el usuario.
- Solo personal de servicio cualificado puede realizar reparaciones o mantenimiento.
- No utilice nunca cables dañados.
- No exponga el producto al agua ni a lugares húmedos.
- No utilice este producto al aire libre, esta únicamente diseñado para su uso en interiores.
- No coloque el producto cerca de fuentes de calor directas. Colóquelo siempre en un lugar bien ventilado.
- No coloque objetos pesados sobre el producto o los cables.
- Asegúrese de que los cables estén firmemente asegurados y bloqueados en su lugar antes de insertarlos en una toma de corriente.

Información sobre seguridad y salud: Los productos LINDY están diseñados para un uso seguro y eficaz. Revise esta guía para obtener información esencial sobre seguridad, salud y detalles sobre la Garantía Limitada de su producto. Seguir estas instrucciones de instalación, uso y cuidado aumenta la comodidad, la productividad y la seguridad. El incumplimiento de estas directrices puede provocar descargas eléctricas, incendios, lesiones graves o daños al producto o a la propiedad. Encontrará ayuda adicional en www.lindy.com.
Advertencia: Manténgase fuera del alcance de los niños. Los productos y accesorios LINDY no son juguetes y no deben ser manipulados por niños pequeños, ya que pueden causar lesiones o daños
Peligro de asfixia: En el caso de productos que contengan o se suministren en bolsas de plástico, mantenga las bolsas alejadas de bebés y niños para evitar que se asfixien.
Seguridad de la fuente de alimentación: Se aplica a los productos que utilizan una fuente de alimentación de CA. Utilice únicamente la fuente de alimentación de CA original o compatible especificada para su producto. El incumplimiento de estas instrucciones puede provocar descargas eléctricas, incendios, lesiones graves o daños en el producto.
Uso adecuado: Mantenga el dispositivo alejado de la humedad, incluida la lluvia, la nieve o el agua, y evite colocarlo cerca de fuentes de calor, alimentos, suciedad excesiva, polvo, aceite, productos químicos

o la luz solar directa. En el caso de dispositivos con puertos, evite introducir objetos, permitir que se acumule polvo o utilizar fuentes de calor como secadores de pelo o microondas para secarlo. Si el dispositivo se moja, limpie suavemente el exterior con un paño seco.
Uso de alto riesgo: Este producto no está diseñado para aplicaciones en las que un fallo podría provocar la muerte, lesiones graves o daños medioambientales significativos («uso de alto riesgo»). El uso en tales aplicaciones es bajo su propia responsabilidad.
Atmósferas explosivas: No almacene ni transporte materiales inflamables o explosivos junto a este producto o sus accesorios. Desenchufe y apague siempre el producto, y evite cargarlo en zonas con atmósferas potencialmente explosivas.
Conectores y puertos de cables: Para evitar descargas o incendios al utilizar conectores con una fuente de alimentación, evite el contacto durante su uso. Mantenga los conectores libres de humedad, suciedad y contaminantes. Deje de utilizarlos y póngase en contacto con el servicio de asistencia técnica si algún conector parece estar dañado.
Limpieza: Para minimizar los riesgos de incendio, descarga eléctrica o daños en el producto, desenchufe todos los cables y apague el dispositivo y los accesorios antes de limpiarlos. Utilice un paño seco para limpiar sólo el exterior. Evite introducir objetos en los puertos y no sumerja los conectores en líquidos; en su lugar, límpielos y séquelos bien.
Riesgo en las reparaciones: Intentar abrir o reparar este producto puede exponerle a riesgos de descarga eléctrica, incendio o lesiones. LINDY recomienda encarecidamente el uso de servicios de reparación profesionales, ya que las reparaciones no autorizadas pueden anular la garantía.

PRECAUCIÓN

Irritación de la piel: Este producto contiene materiales comúnmente utilizados en electrónica que pueden causar irritación en la piel de algunos usuarios. Para reducir este riesgo, limpie el dispositivo con regularidad, evite aplicar lociones cerca de las zonas de contacto e interrumpa el uso si se produce irritación. Consulte a su médico si los síntomas persisten.
Seguridad de los cables: Los cables expuestos pueden suponer un riesgo de tropiezo. Coloque los cables de forma que no haya riesgo de tropiezo o tirón y protéjalos de aplastamientos, curvas cerradas y exposición al calor. Inspeccione regularmente los cables y deje de utilizarlos si están dañados. Desenchufe los cables durante las tormentas eléctricas o en caso de almacenamiento prolongado.

AVISO

Preocupaciones relacionadas con el calor: El producto puede calentarse durante su uso regular. Evite el contacto prolongado con la piel, asegúrese de que haya una ventilación adecuada y utilícelo en zonas con buena circulación para evitar el sobrecalentamiento y las molestias.
Dispositivos médicos personales: Las emisiones electrónicas y los campos magnéticos de los productos LINDY pueden interferir involuntariamente con dispositivos médicos, a pesar del cumplimiento normativo. Si sospecha que se producen interferencias, apague el producto inmediatamente. Para obtener orientación sobre el uso de dispositivos electrónicos en las proximidades, consulte al fabricante de su dispositivo médico o a su profesional sanitario.
Manipulación: Manipule su producto LINDY con cuidado. El producto puede dañarse si se cae, se pincha o se expone a líquidos. Si sospecha que se ha producido algún daño, deje de utilizar el producto para evitar posibles peligros.

Contenido del paquete

- 8 Port DC IPower Switch
- 8x adaptadores phoenix macho de 2 pines
- Kit de montaje con 2x soportes y tornillos
- Cable RS232 de 3 pines a DB9 hembra, 1.35m
- Cables de alimentación Schuko, UK, US y AU a IEC C13, 1.8m
- 4x pies de goma
- Manual LINDY

Características

- 8x puertos de salida DC de 2 pines para los dispositivos
- Soporte para 4 niveles de tensión de salida opcionales (5/9/12/24V), hasta 30 o 36W por puerto
- Entrada de alimentación IEC C14 10A

- Control de alimentación y monitoreo de tensión, corriente y metering
- Gestión mediante Web GUI, RS-232, API y botones del panel frontal
- Protocolos Telnet, Modbus TCP, SSH, SNMP, Watchdog y MQTT compatibles
- 2x puertos de red RJ-45 redundantes
- 2x puertos de sensor RJ-45
- Protección contra sobrecarga y errores de cableado y verificación de inicio de sesión remoto
- Compatible con numerosos protocolos de seguridad, red e IoT

Especificaciones

- Fuente de alimentación: 100–240V 50/60Hz 10A
- Consumo sin carga: 2.6W
- Potencia de salida (outlet): máx. 36W (a 5V hasta 30W)
- Indicadores LED
- Rango de tensión de entrada: 100–240V (90–264V ajustando el umbral de tensión)
- Rango de corriente de entrada: 0–10A
- Rango de frecuencia de entrada: 45–65Hz
- Temperatura de funcionamiento: -5–55°C (23°F–131°F)
- Temperatura de almacenamiento: -20–70°C (-4°F–158°F)
- Humedad relativa: 0–95% (sin condensación)

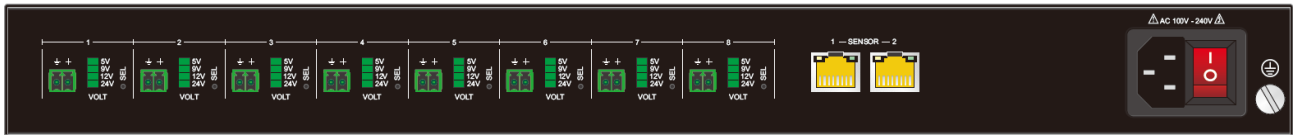
Instalación

Panel frontal



- POWER LED: Verde: dispositivo encendido, Rojo: standby.
- BUTTON 1-8: gestión manual de la alimentación para cada puerto de salida.
  Estado del LED:
  Azul: puerto encendido
  Azul parpadeante: inicialización del puerto antes del encendido
  Rojo: puerto de salida sobrecargado
  Rojo parpadeante: puerto de salida detectando la carga
- RS232: conexión a un PC, controlador serie o dispositivo serie mediante una conexión de bloque phoenix de 3 vías para la transmisión de paso de comandos RS-232 y API.
- TCP/IP 1-2: dos puertos RJ-45 redundantes para conexión de red, control y acceso a la Web GUI.

Panel trasero



- OUTLET 1-8: puertos phoenix de 2 pines 3,81mm para alimentar los dispositivos conectados. Los LED VOLT muestran la tensión de salida 5/9/12/24V en cada puerto (predeterminado 5V). Botón SEL de pulsación para cambiar la tensión de salida en cada puerto.
- SENSOR 1-2: dos puertos RJ-45 para conectar sensores externos. LED de estado del puerto: Verde: conexión activa, Amarillo: transferencia de datos.
- AC 100V~240V: puerto de entrada IEC C14 para alimentar la unidad (AC 100V~240V 10A) con interruptor ON/OFF.

- GROUND: terminal de tierra con tornillo.

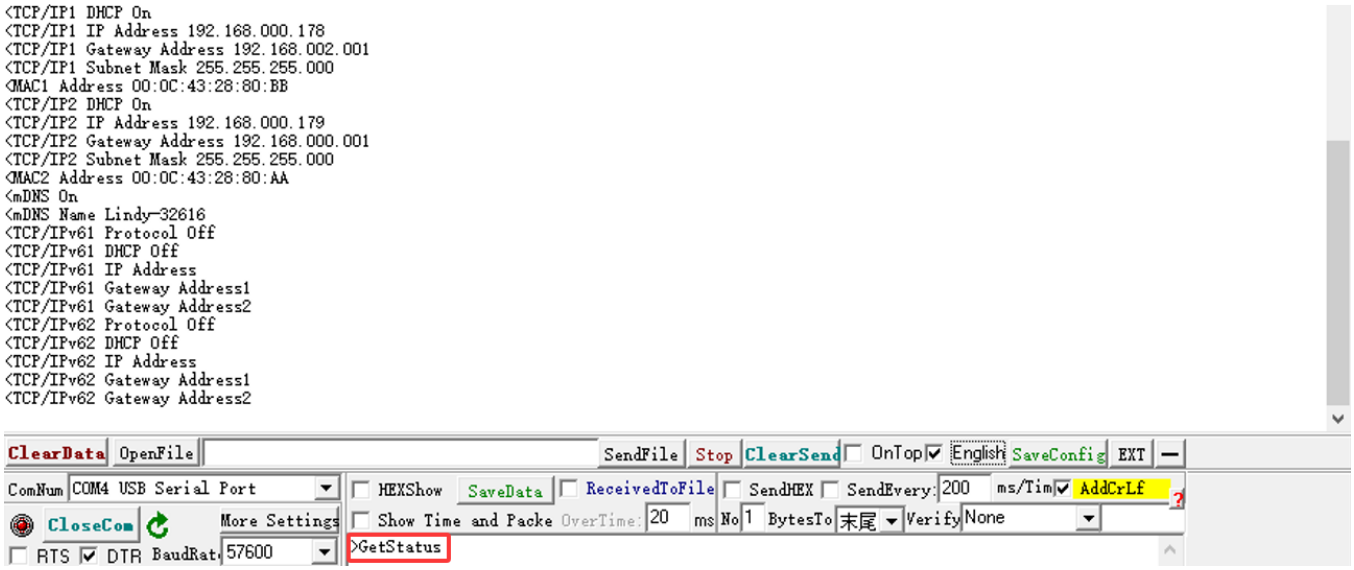
Conecte todos los dispositivos a los puertos OUTLET y, a continuación, encienda la unidad y los dispositivos.

Operación

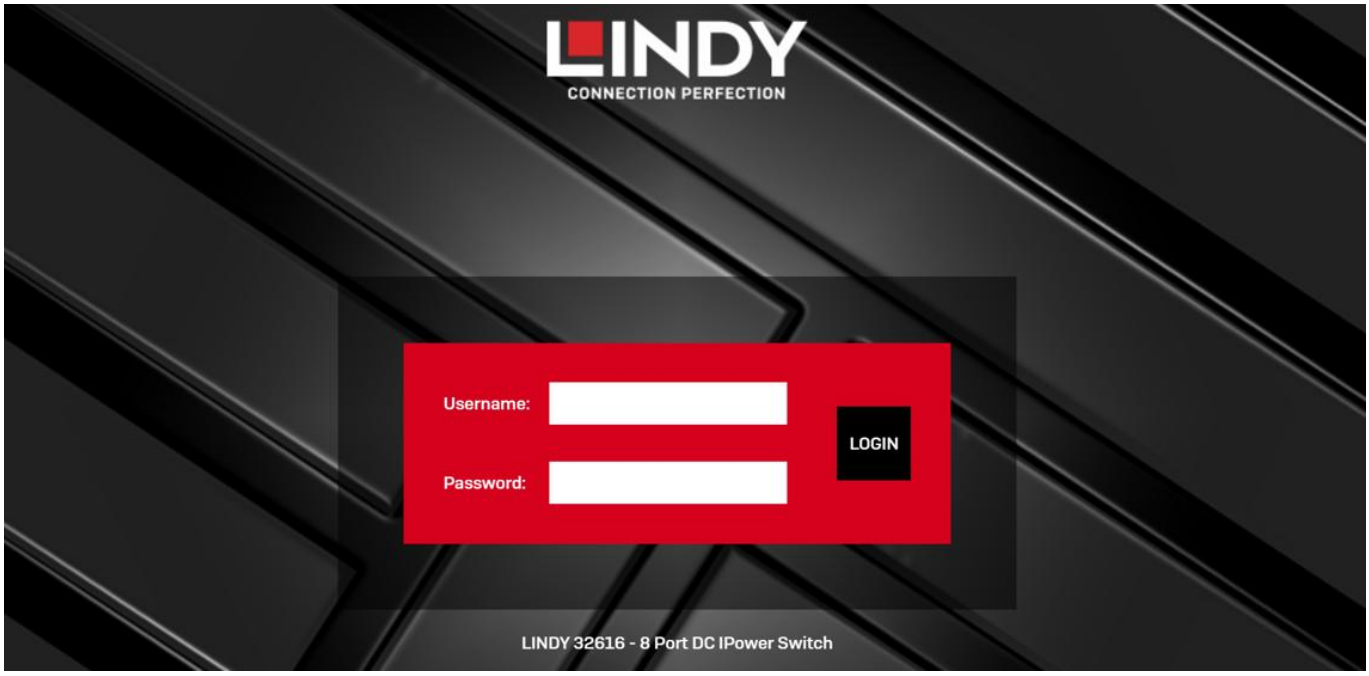
Web GUI

Conecte el puerto TCP/IP RJ-45 a la red local o directamente al puerto TCP/IP 1. De forma predeterminada, la unidad está configurada en modo DHCP. Para obtener automáticamente la dirección IP asignada de forma dinámica, conecte la unidad a una red compatible con DHCP.

También es posible obtener la dirección IP actual conectando la unidad al puerto RS232 y enviando el comando >getstatus, como se muestra en la siguiente captura de pantalla:



Si no hay ningún servidor DHCP (como un router) en la red, la unidad recurrirá a los siguientes ajustes IP predeterminados en el Puerto 1:
Puerto 1: 192.168.0.178
Máscara de subred 1: 255.255.255.0
Puerta de enlace: 192.168.0.1
Puerto Telnet: 4001
Escriba la dirección IP en el navegador para abrir la página de inicio de sesión.



Nombre de usuario predeterminado: admin
Contraseña predeterminada: aP?y43Tq
Escriba el nombre de usuario y la contraseña predeterminados y haga clic en LOGIN.

Importante: cambie la contraseña predeterminada inmediatamente

Para proteger su producto y sus datos personales, debe cambiar la contraseña predeterminada lo antes posible después de la configuración.

Este producto cumple con la Regulación de Seguridad de Productos e Infraestructura de Telecomunicaciones (PSTI) del Reino Unido, que exige que todas las contraseñas predeterminadas sean únicas o generadas por dispositivo. Sin embargo, para mantener el mayor nivel de seguridad, es esencial que establezca su propia contraseña segura y memorable.

Cómo cambiar su contraseña:

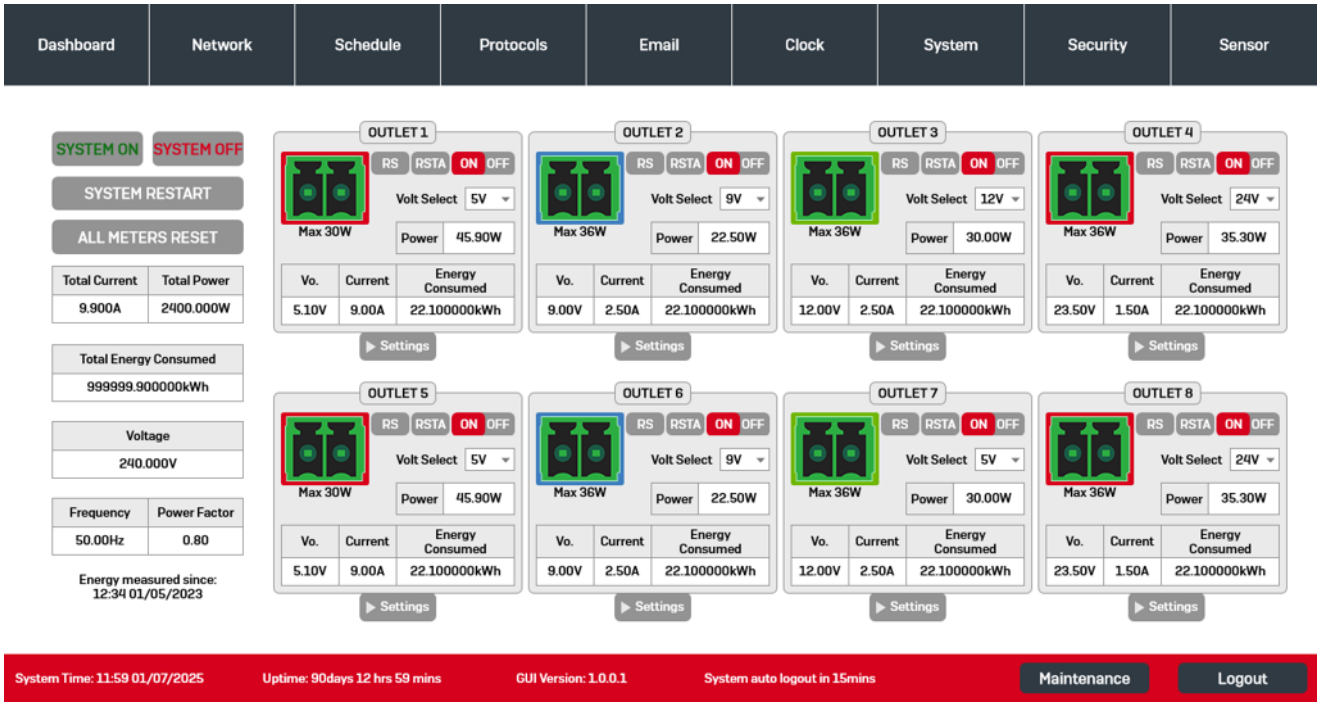
1. Encienda el dispositivo y conéctese a través de la interfaz Web.
2. Inicie sesión con las credenciales predeterminadas indicadas anteriormente.
3. Vaya a Seguridad > Contraseña de inicio de sesión Web-GUI.
4. Introduce la contraseña actual, la nueva contraseña dos veces y, a continuación, confírmala.
5. Guarde los cambios e inicie sesión de nuevo con la nueva contraseña.

Consejos para una contraseña segura:

- Utilice al menos 8 caracteres (recomendamos 12+)
- Incluya letras mayúsculas y minúsculas
- Añada números y caracteres especiales (!, @, #, etc.)
- Evite palabras comunes o información personal

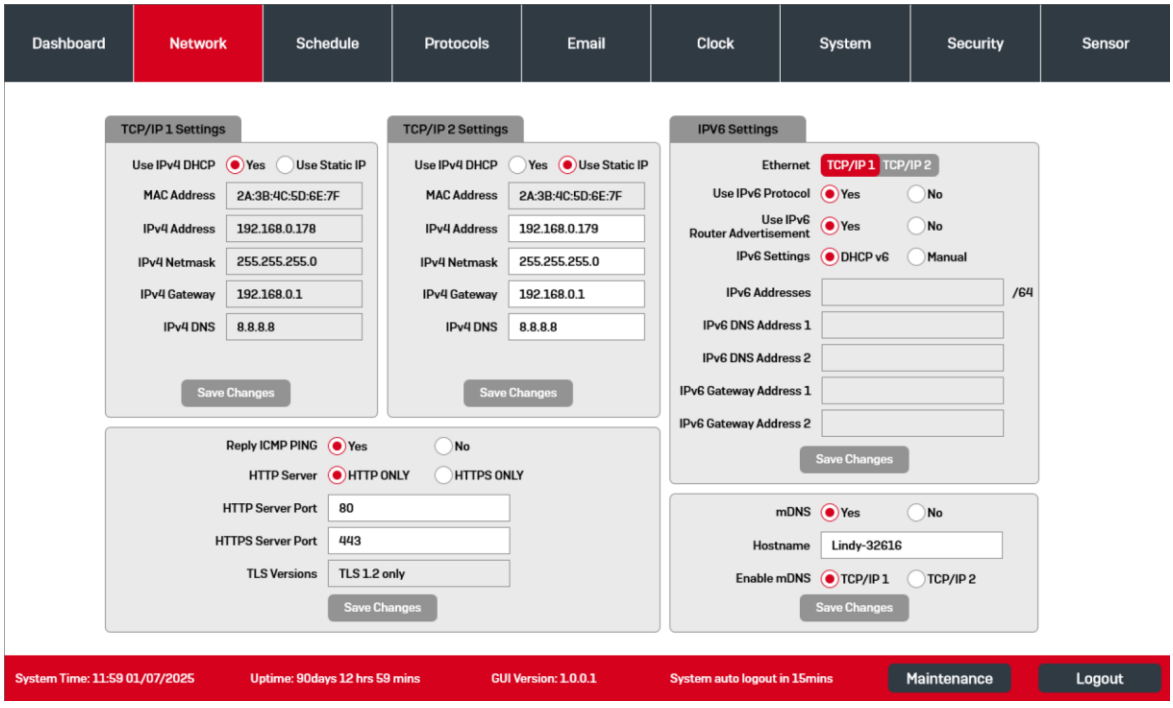
No cambiar la contraseña predeterminada puede exponer su dispositivo a riesgos de seguridad. Si necesita ayuda, póngase en contacto con nuestro equipo de atención al cliente.

Dashboard



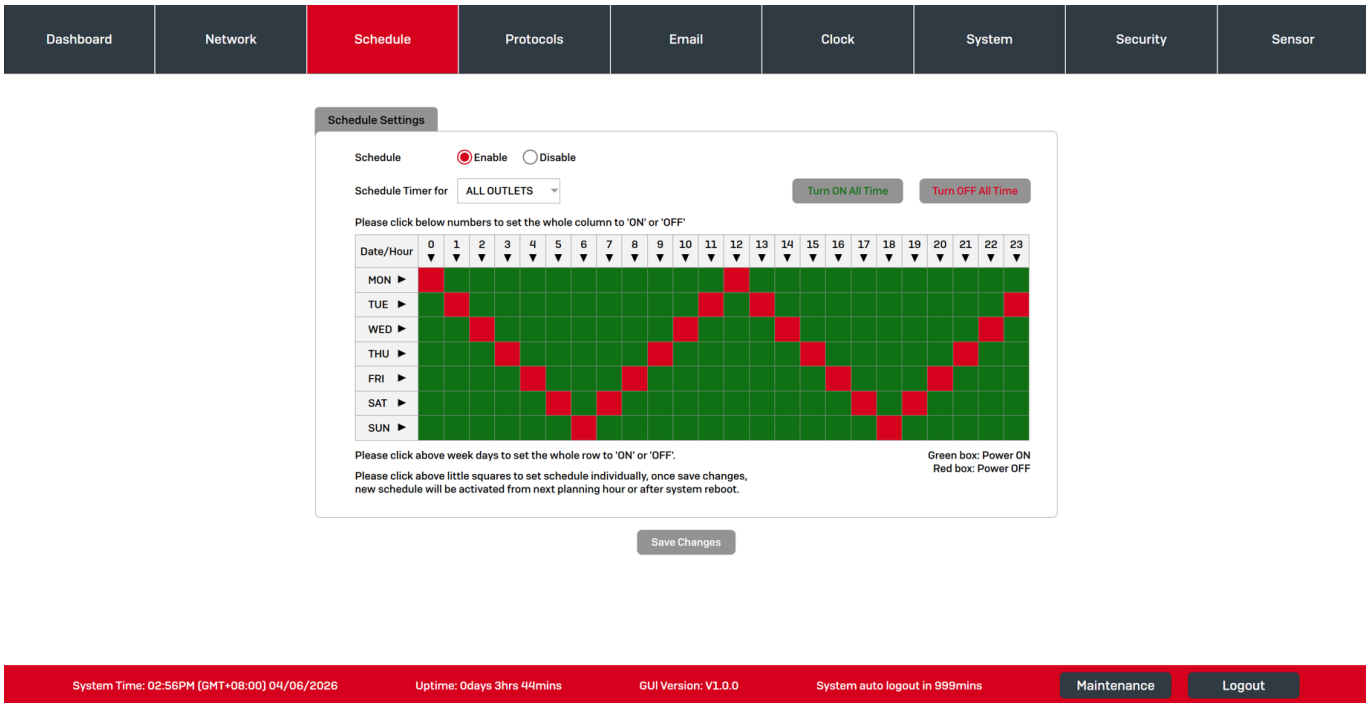
ALL ON/ALL OFF: encender/apagar los 8 enchufes.
SYSTEM RESTART: reiniciar la unidad.
ALL METERS RESET: reiniciar los medidores de los 8 enchufes.
OUTLET 1-8
RS: reiniciar la energía consumida.
RSTA: reiniciar.
ON/OFF: encendido/apagado.
VOLT SELECT: cambiar la tensión de salida.
SETTINGS: cambiar el nombre de la toma de corriente, configurar los retrasos de reencendido y apagado, establecer la duración del reinicio de los contadores y configurar el desplazamiento de tensión positivo si la tensión del terminal de salida es baja.
SAVE CHANGES: hacer clic para guardar los ajustes del enchufe.

Network



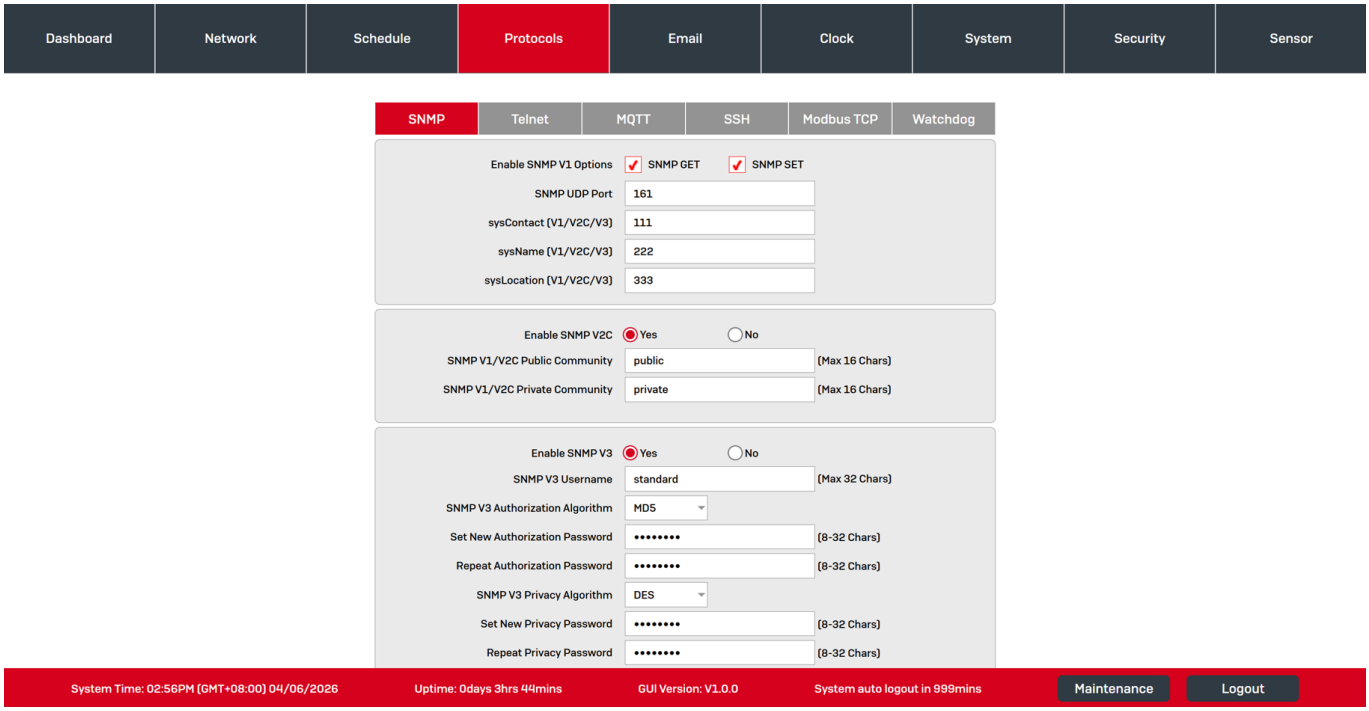
Configuración de red, IPv4 e IPv6 para ambos puertos TCP/IP, PING activado/desactivado, servidor HTTP y mDNS.

Schedule



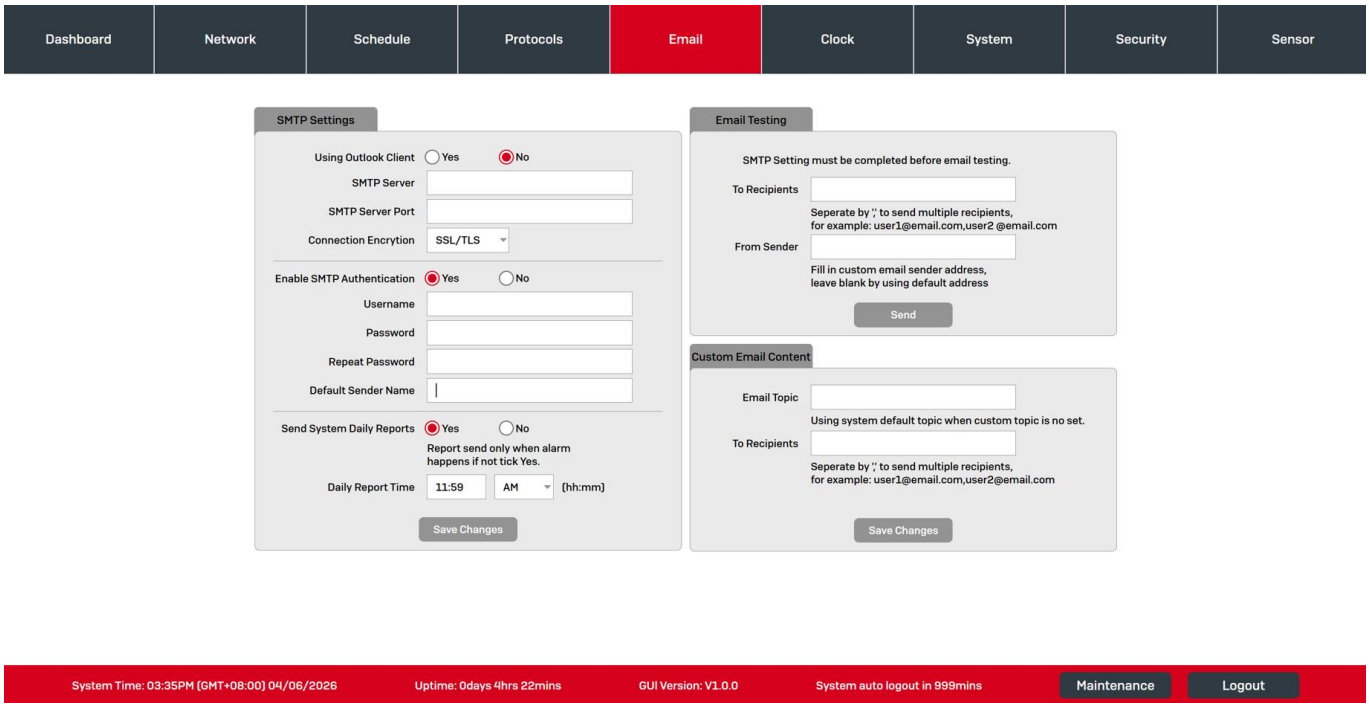
Seleccione los enchufes y programe el estado on/off por días y horas (verde = encendido, rojo = apagado).

Protocols



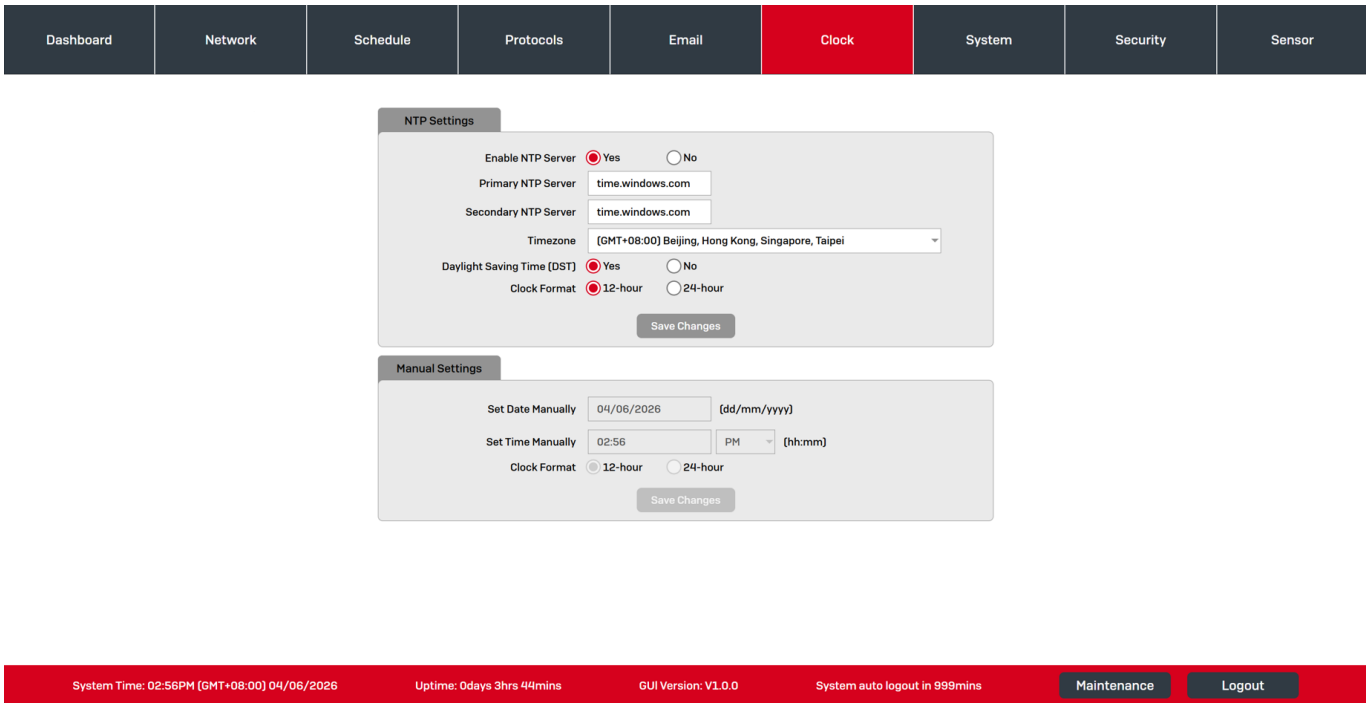
Seleccione los protocolos disponibles entre SNMP, Telnet, MQTT, SSH, Modbus TCP y Watchdog para establecer la conexión necesaria. Cada ventana proporciona la configuración del protocolo seleccionado.

Email



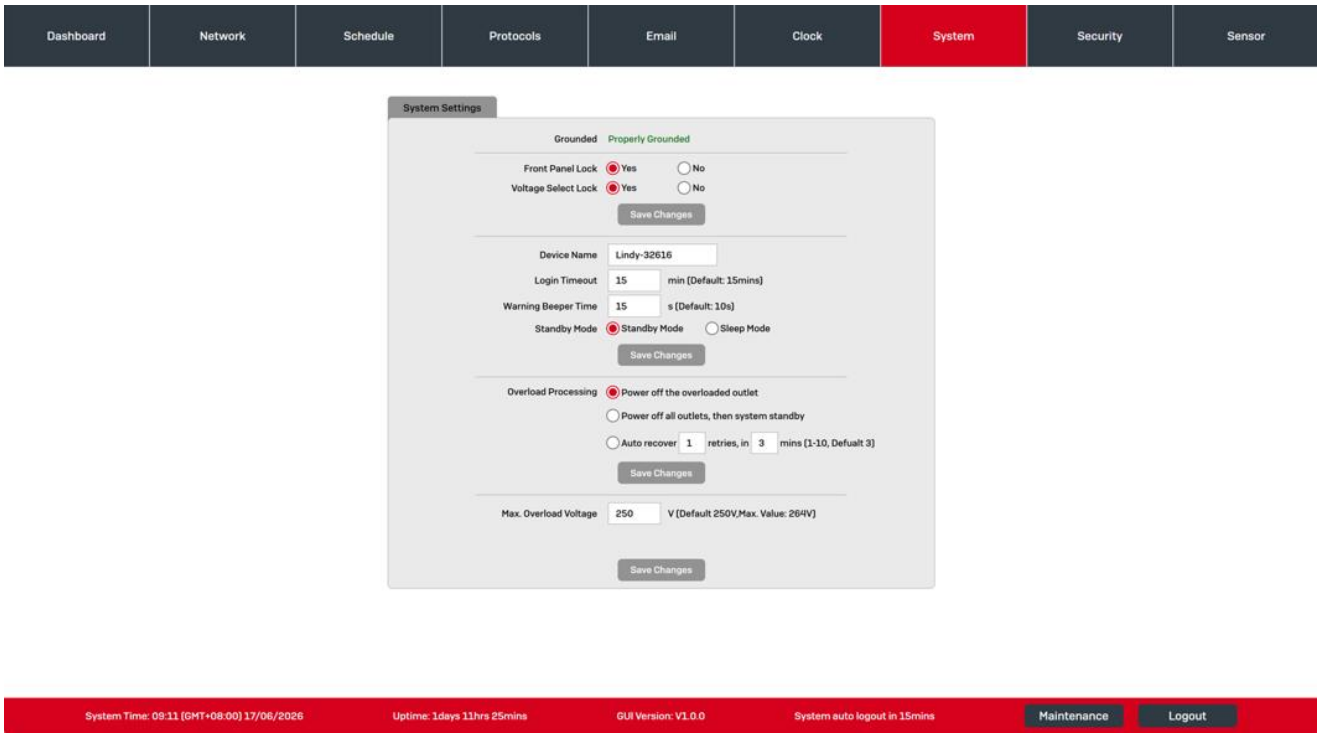
Configure el servidor de correo electrónico y la cuenta para recibir avisos e informes.

Clock



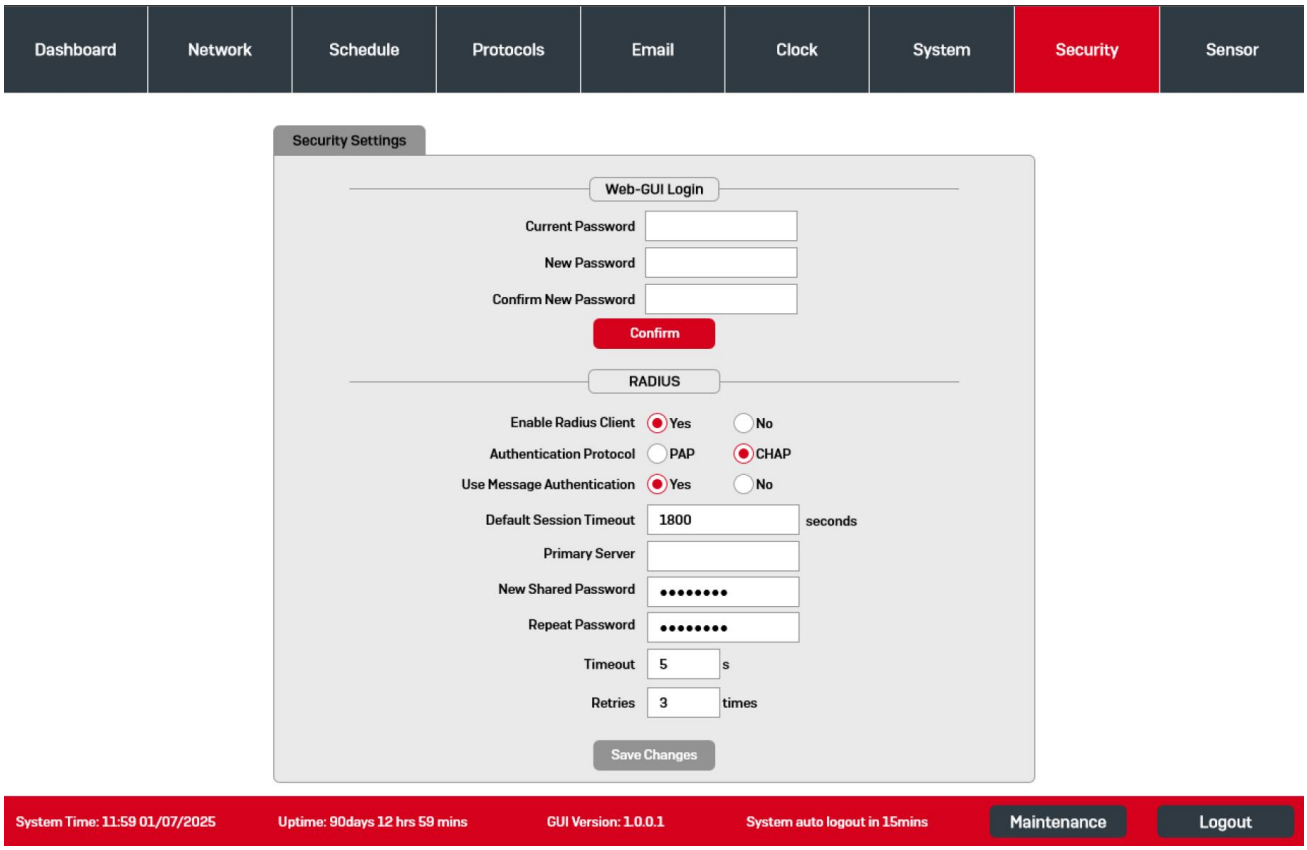
Configure los parámetros de hora manualmente o mediante conexión a Internet habilitando el servidor NTP.

System



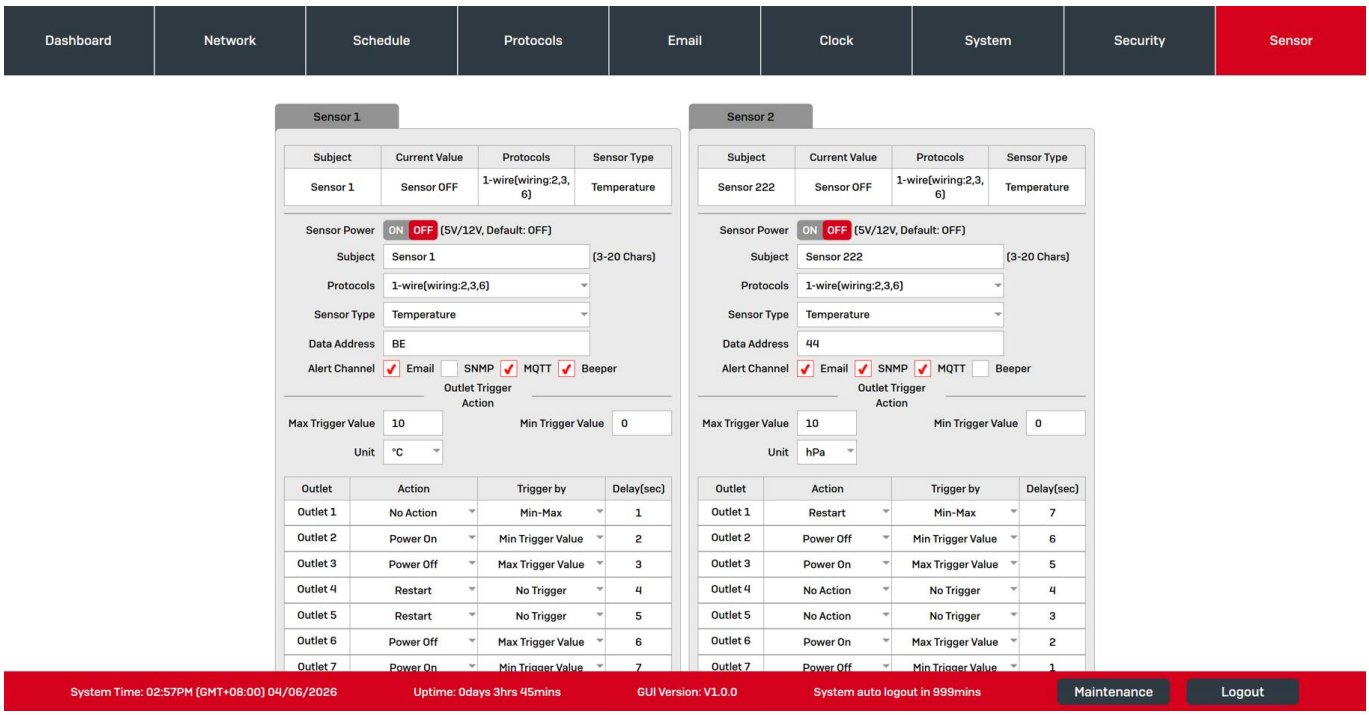
Página de configuración del sistema, desbloqueo de los botones del panel frontal, tiempo de espera de inicio de sesión, tiempo del zumbador de advertencia, procesamiento de sobrecargas y umbral de sobrecorriente.

Security

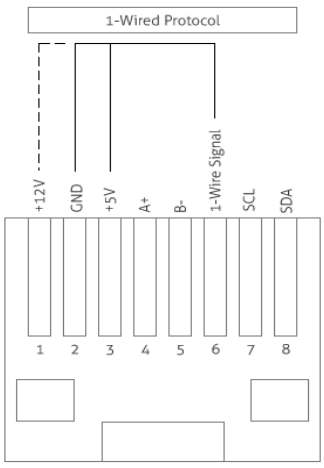


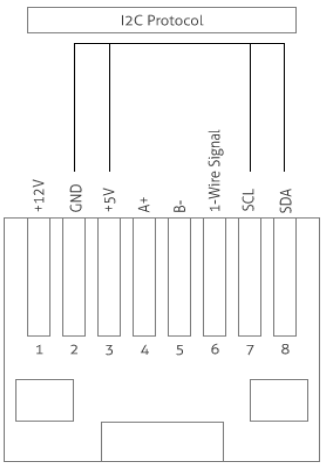
Configuración de seguridad, cambio de la contraseña de inicio de sesión y parámetros del cliente Radius.

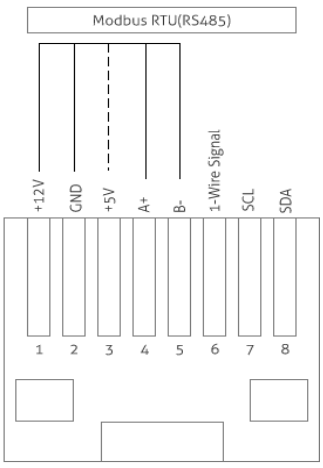
Sensor

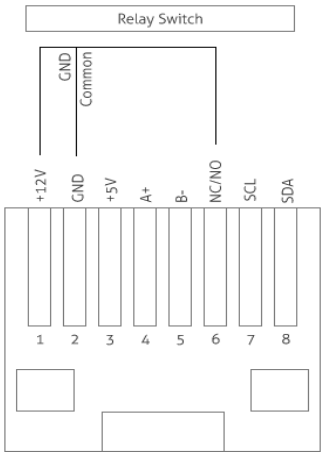


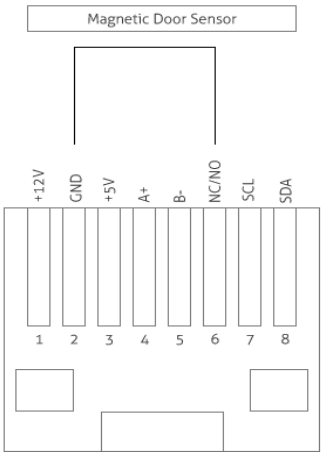
Verifique las propiedades y gestione las opciones disponibles de los sensores (si están conectados).
Nota: al conectar un sensor, cada protocolo proporciona un valor de alimentación diferente del conector RJ-45. Consulte la figura a continuación:



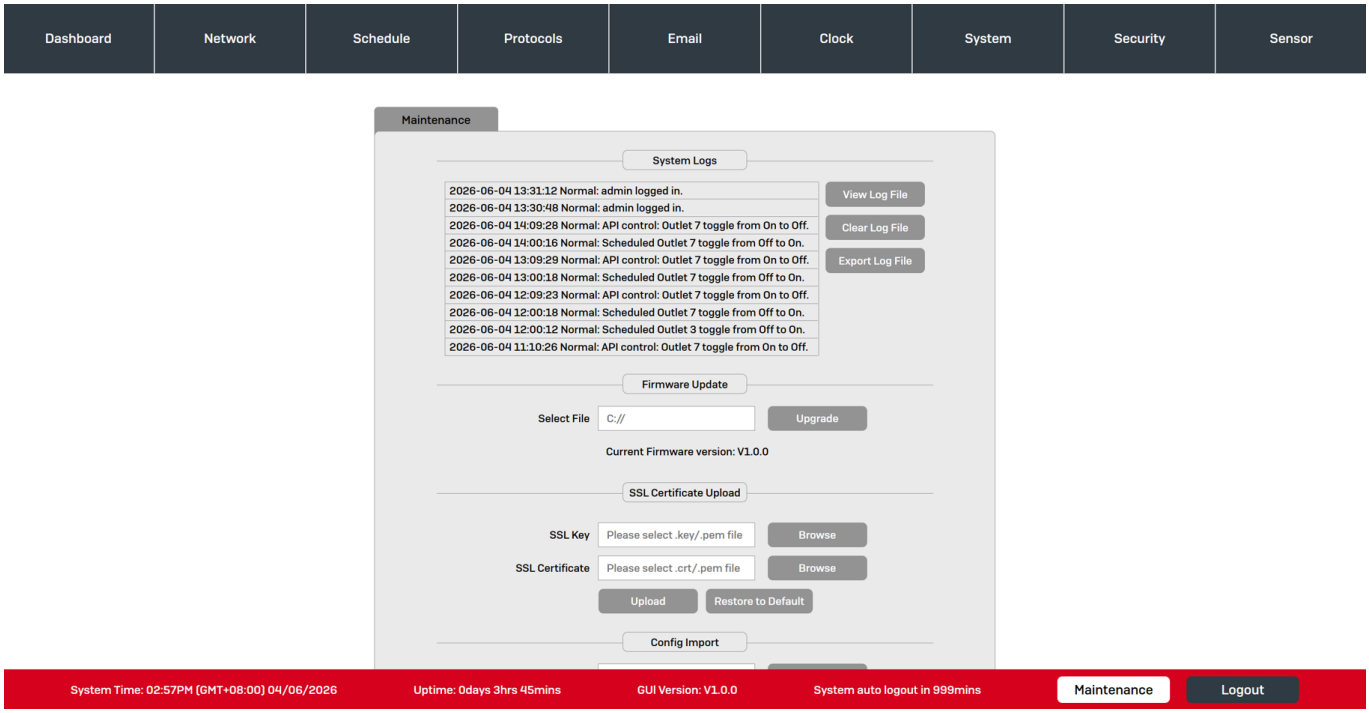








Maintenance



Haga clic en el botón Maintenance para ver los registros del sistema, actualizar el firmware, cargar el certificado SSL, importar y exportar la configuración, reiniciar el dispositivo, restaurar los valores de fábrica y vaciar la caché DNS.

Commands

Port 1 IP address: 192.168.0.178
Port 2 IP address: 192.168.0.179
Telnet port: 4001
Baudrate: 57600 (default)
Data bit: 8
Stop bit:1
Check bit: none
Terminator: <CR><LF>
Error command feedback code: <Command Error
<Out of Range

Command	Function	Example	Feedback
>?/Help	List all the command	>? >Help	All the commands list
>GetStatus	Get the status of the device.	>GetStatus	<Lindy-32616 <V1.0.0 <GetPowerStatus On <GetKeyStatus On <GetSelectKeyStatus On <GetTCP/IPEnable 2 <GetRS232Baud 57600 <GetSystemVoltageThreshold 264V <Outlet 1 Off <Outlet 2 Off <Outlet 3 Off <Outlet 4 Off

			<Outlet 5 Off <Outlet 6 Off <Outlet 7 Off <Outlet 8 Off <GetGroundStatus Properly Grounded <GetOutletMode 1 Idle <GetOutletMode 2 Idle <GetOutletMode 3 Idle <GetOutletMode 4 Idle <GetOutletMode 5 Idle <GetOutletMode 6 Idle <GetOutletMode 7 Idle <GetOutletMode 8 Idle <GetOutletPowerOnTime 1 2s <GetOutletPowerOnTime 2 2s <GetOutletPowerOnTime 3 2s <GetOutletPowerOnTime 4 2s <GetOutletPowerOnTime 5 2s <GetOutletPowerOnTime 6 2s <GetOutletPowerOnTime 7 2s <GetOutletPowerOnTime 8 2s <GetOutletPowerOffTime 1 2s <GetOutletPowerOffTime 2 3s <GetOutletPowerOffTime 3 4s <GetOutletPowerOffTime 4 5s <GetOutletPowerOffTime 5 6s <GetOutletPowerOffTime 6 7s <GetOutletPowerOffTime 7 8s <GetOutletPowerOffTime 8 9s <GetOutletPowerRestaTime 1 2s <GetOutletPowerRestaTime 2 3s <GetOutletPowerRestaTime 3 4s <GetOutletPowerRestaTime 4 5s <GetOutletPowerRestaTime 5 6s <GetOutletPowerRestaTime 6 7s <GetOutletPowerRestaTime 7 8s <GetOutletPowerRestaTime 8 9s <GetOutletEleResetTime 1 10s <GetOutletEleResetTime 2 10s <GetOutletEleResetTime 3 10s <GetOutletEleResetTime 4 10s <GetOutletEleResetTime 5 10s <GetOutletEleResetTime 6 10s <GetOutletEleResetTime 7 10s <GetOutletEleResetTime 8 10s <GetOutletDCVoltage 1 5V <GetOutletDCVoltage 2 9V <GetOutletDCVoltage 3 9V <GetOutletDCVoltage 4 9V <GetOutletDCVoltage 5 9V <GetOutletDCVoltage 6 9V <GetOutletDCVoltage 7 9V <GetOutletDCVoltage 8 9V <GetOutletDCVoltageOffset 1 1 <GetOutletDCVoltageOffset 2 1 <GetOutletDCVoltageOffset 3 1 <GetOutletDCVoltageOffset 4 1 <GetOutletDCVoltageOffset 5 1 <GetOutletDCVoltageOffset 6 1 <GetOutletDCVoltageOffset 7 1

			<GetOutletDCVoltageOffset 8 1 <GetSafeMode Outlet_Shutdown <GetStandbyMode All_Standby_Mode <GetOverloadRetryCnt 1 <GetOverloadRetryTime 3mins <GetBeeperTime 10s <TCP/IP1 DHCP On <TCP/IP1 IP Address 192.168.000.178 <TCP/IP1 Gateway Address 192.168.000.001 <TCP/IP1 Subnet Mask 255.255.255.000 <MAC1 Address 00:0C:43:28:80:BB <TCP/IP2 DHCP On <TCP/IP2 IP Address 192.168.000.179 <TCP/IP2 Gateway Address 192.168.000.001 <TCP/IP2 Subnet Mask 255.255.255.000 <MAC2 Address 00:0C:43:28:80:AA <mDNS On <mDNS Name Lindy-32616 <TCP/IPv61 Protocol Off <TCP/IPv61 DHCP Off <TCP/IPv61 IP Address <TCP/IPv61 Gateway Address1 <TCP/IPv61 Gateway Address2 <TCP/IPv62 Protocol Off <TCP/IPv62 DHCP Off <TCP/IPv62 IP Address <TCP/IPv62 Gateway Address1 <TCP/IPv62 Gateway Address2
>GetOutletStatus	Get the status of a single outlet. >GetOutletStatus [Param1] Param1 = 0-8 0: All Outlets 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8	>GetOutletStatus 1	<Outlet 1 On
>GetSensorCfg	Get the sensor configuration >GetSensorCfg	>GetSensorCfg	<Lindy-32616 <V1.0.0 <GetSensor1PowerStatus Off <GetSensor1Protocols 1-wire <GetSensor1Type Tem <GetSensor1Address BE <GetSensor1Beeper Off <GetSensor1ValueMax 10 <GetSensor1ValueMin 0 <GetSensor1Unit 1 <GetSensor1Response 1 NoAction

			<GetSensor1Response 2 NoAction <GetSensor1Response 3 NoAction <GetSensor1Response 4 NoAction <GetSensor1Response 5 NoAction <GetSensor1Response 6 NoAction <GetSensor1Response 7 NoAction <GetSensor1Response 8 NoAction <GetSensor1Trigger 1 NoTrigger <GetSensor1Trigger 2 NoTrigger <GetSensor1Trigger 3 NoTrigger <GetSensor1Trigger 4 NoTrigger <GetSensor1Trigger 5 NoTrigger <GetSensor1Trigger 6 NoTrigger <GetSensor1Trigger 7 NoTrigger <GetSensor1Trigger 8 NoTrigger <GetSensor1Delay 1 10s <GetSensor1Delay 2 10s <GetSensor1Delay 3 10s <GetSensor1Delay 4 10s <GetSensor1Delay 5 10s <GetSensor1Delay 6 10s <GetSensor1Delay 7 10s <GetSensor1Delay 8 10s <GetSensor2PowerStatus Off <GetSensor2Protocols 1-wire <GetSensor2Type Tem <GetSensor2Address BE <GetSensor2Beeper Off <GetSensor2Valuemax 10 <GetSensor2Valuemin 0 <GetSensor2Unit 1 <GetSensor2Response 1 NoAction <GetSensor2Response 2 NoAction <GetSensor2Response 3 NoAction <GetSensor2Response 4 NoAction <GetSensor2Response 5 NoAction <GetSensor2Response 6 NoAction <GetSensor2Response 7 NoAction <GetSensor2Response 8 NoAction <GetSensor2Trigger 1 NoTrigger <GetSensor2Trigger 2 NoTrigger <GetSensor2Trigger 3 NoTrigger <GetSensor2Trigger 4 NoTrigger <GetSensor2Trigger 5 NoTrigger <GetSensor2Trigger 6 NoTrigger <GetSensor2Trigger 7 NoTrigger

			<GetSensor2Trigger 8 NoTrigger <GetSensor2Delay 1 10s <GetSensor2Delay 2 10s <GetSensor2Delay 3 10s <GetSensor2Delay 4 10s <GetSensor2Delay 5 10s <GetSensor2Delay 6 10s <GetSensor2Delay 7 10s <GetSensor2Delay 8 10s
>GetElesta	Get the electricity information, such as power consumption, voltage, current, etc.	>GetElesta	<Lindy-32616 <V1.0.0 <Voltage 231.575V <Input Current 0.145A <Total Power 3.670W <Total Energy Consumed 0.000342kWh <Power Factor 0.11 <Frequency 49.95Hz <GetOutletVoltage 1 0.00V <GetOutletVoltage 2 0.00V <GetOutletVoltage 3 0.00V <GetOutletVoltage 4 0.00V <GetOutletVoltage 5 0.00V <GetOutletVoltage 6 0.00V <GetOutletVoltage 7 0.00V <GetOutletVoltage 8 0.00V <GetOutletCurrent 1 0.00A <GetOutletCurrent 2 0.00A <GetOutletCurrent 3 0.00A <GetOutletCurrent 4 0.00A <GetOutletCurrent 5 0.00A <GetOutletCurrent 6 0.00A <GetOutletCurrent 7 0.00A <GetOutletCurrent 8 0.00A <GetOutletPower 1 0.00W <GetOutletPower 2 0.00W <GetOutletPower 3 0.00W <GetOutletPower 4 0.00W <GetOutletPower 5 0.00W <GetOutletPower 6 0.00W <GetOutletPower 7 0.00W <GetOutletPower 8 0.00W <GetOutletConsumed 1 0.000000kWh <GetOutletConsumed 2 0.000000kWh <GetOutletConsumed 3 0.000000kWh <GetOutletConsumed 4 0.000000kWh <GetOutletConsumed 5 0.000000kWh <GetOutletConsumed 6 0.000000kWh <GetOutletConsumed 7 0.000000kWh <GetOutletConsumed 8 0.000000kWh
>GetFwVersion	Get the firmware version.	>GetFwVersion	<GetFW Version: V1.0.0 <GetGUI Version: V1.0.0

>SetDeviceName	Set the name of the device. >SetDeviceName: [Param1] [Param1] should be the nickname you want to set. (14 characters maximum)	>SetDeviceName: Lindy-32616	<Device Name: Lindy-32616
>SetPower	Enter/Exit the standby mode. >SetPower [Param1] [Param1] = On,Off On - Power on Off - Power off	>SetPower On >SetPower Off	<System Power On, Please Wait A Moment... Done <System Power Off
>SetKeyLock	To lock/unlock the button on the front panel of the device. >SetKeyLock [Param1] [Param1] = On,Off On - <GetKeyStatus Off Off - <GetKeyStatus On	>SetKeyLock On >SetKeyLock Off	<KeyLock On <KeyLock Off
>SetSelectKeyLock	Lock/unlock the voltage selector button on the rear panel. >SetSelectKeyLock [Param1] Param1 = On,Off On - <GetSelectKeyStatus Off Off - <GetSelectKeyStatus On	>SetSelectKeyLock On >SetSelectKeyLock Off	<SelectKeyLock On <SelectKeyLock Off
>SetVoltageThreshold	Set a voltage threshold for the system. >SetVoltageThreshold [Param1] [Param1] =198-264	>SetVoltageThreshold 222	<System Voltage Threshold 222V
>SetSafeMode	Set an action of what the system will do when it goes overloaded. >SetSafeMode [Param1] [Param1] = 0-2 0: Outlet_Shutdown 1: System_Shutdown 2:Auto_Retry	>SetSafeMode 0 >SetSafeMode 1 >SetSafeMode 2	<System Safe Mode: Outlet_Shutdown <System Safe Mode: System_Shutdown <System Safe Mode: Auto_Retry
>SetOverloadRetryCnt	Set the times of the system will reboot when it goes overloaded. >SetOverloadRetryCnt [Param1] [Param1] = 1-3 1(Default)	>SetOverloadRetryCnt 1 >SetOverloadRetryCnt 2 >SetOverloadRetryCnt 3	<System Retry Number 1 <System Retry Number 2 <System Retry Number 3
>SetOverloadRetryTime	Set a delayed time for the system to reboot when it goes overloaded. (unit is minutes) >SetOverloadRetryTime [Param1] [Param1] = 1-10 3(Default)	>SetOverloadRetryTime 1	<System Retry Delay Time 1mins
>SetStandbyMode	Set a standby mode for the system. >StandbyMode [Param1] [Param1] = 0-1 0: All_Standby_Mode 1: Sleep_Mode	>SetStandbyMode 0 >SetStandbyMode 1	<System Standby Mode: All_Standby_Mode <System Standby Mode: Sleep_Mode
>SetRs232Baud	Set a baudrate for RS232 >SetRs232Baud [Param1] [Param1] = 1-7 1: 2400 2: 4800 3: 9600 4: 19200 5: 38400 6: 57600(Default), 7: 115200	>SetRs232Baud 6	<RS232Baud 57600

>SetRs232Out	RS232 Passthrough >SetRs232Out [Param1][Param2][Param3][Param4] [Param1] = a,h a: ASCII h: HEX [Param2] = 1-7 1: 2400 2: 4800 3: 9600 4: 19200 5: 38400 6: 57600(Default), 7: 115200 [Param3] = 1-3 1: None 2: Even 3: Odd Param4 = string	>SETRS232OUT a:6:1:RS232	RS232
>SetBeeperTime	Set buzzer duration of time. (unit is seconds) >SetBeeperTime [Param1] [Param1] = 0: 9999 10(Default)	>SetBeeperTime 10	<Buzzer Sound Time 10s
>SetOutletTime	Set a delay time for an outlet to turn on/off. (unit is seconds) >SetOutlet[Param1]Time [Param2][Param3] [Param1] =On,Off [Param2] = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 [Param3] = 2-9999 (On)/ 0-9999 (Off)	>SetOutletOnTime 1:2 >SetOutletOffTime 1:1	<Outlet 1 Power_On Delay 2s <Outlet 1 Power_Off Delay 1s
>SetOutletRestaTime	Set a delay time for an outlet to restart (unit is in seconds) >SetOutletRestaTime [Param1]:[Param2] Param1 = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 Param2 = 2-9999	>SetOutletRestaTime 1:2	<Outlet 1 Power_Resta Delay 2s
>SetOutletEleResetTime	Set the outlet power reset delay time, in seconds. >SetOutletEleResetTime[Param1][Param2] Param1 = 1-8 1: Outlet1	>SetOutletEleResetTime 1:10	<Outlet 1 Electrical Work Reset Duration 10s

	2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 [Param2] = 0-9999 10(Default)		
>SetAllOut	Set on/off all the outlets. >SetAllOut [Param1] [Param1] = On,Off	>SetAllOut On >SetAllOut Off	<All Outlets On <All Outlets Off
>SetOutlet	Set on/off a single outlet. >SetOutlet [Param1][Param2] Param1 = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 Param2 = On,Off,Resta	>SetOutlet 1 On	<Outlet 1 On
>SetAllVolt	Set the voltage values for all outlets. >SetAllVolt [Param1] Param1 = 5,9,12,24 5: 5V 9: 9V 12: 12V 24: 24V	>SetAllVolt 5	<All Outlets Voltage Status 5V
>SetOutVolt	Set the voltage values for single outlet. >SetAllVolt [Param1][Param2] Param1 = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 Param2 = 5,9,12,24 5: 5V 9: 9V 12: 12V 24: 24V	>SetOutVolt 1: 24	<Outlet 1 Voltage Status 24V
>SetVoltOffset	Set the voltage step size. >SetVoltOffset [Param1]:[Param2] Param1 = 0-8 0: All 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 Param2 = 0,1,2 0-2 Depend On Different Voltage	>SetVoltOffset 1:1	<Outlet 1 Off <Outlet 1 Voltage Offset 1

>RsAllOutEle	Reset the metered values for all outlets.	>RsAllOutEle	<Clean Up Electrical Work: All Outlets
>RsOutEle	Reset the metered values for a outlet. >RsOutEle [Param1] [Param1] = 1-4 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8	>RsOutEle 1	<Clean Up Electrical Work: Outlet 1
>GetSysTime	Get the time of the date and time of the system.	>GetSysTime	<GetSystemTime: 2023-05-11 02:47:16 Thu
>SetSysTime	Set the date and time for the device: >SetSysTime [Param1] [Param1] = year-month-day;hour-minutes-seconds	>SetSysTime 2025-03-18;11-26-59	<SetSystemTime: 2025-03-18 11:26:59
>SetSensor1/Sensor2Power	Set the on/off state of Sensor1/Sensor2 >Set [Param1] Power [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 0-1 0: Off 1: On	>SetSensor1Power 1 >SetSensor2Power 1	<Sensor1 Power On <Sensor2 Power On
>SetSensor1/Sensor2Protocols	Set Sensor1/Sensor2 protocol >Set [Param1] Protocols [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 1-5 1: 1-wire(wiring2,3,6) 2: I2C(wiring2,3,7,8) 3: Modbus-RTU-RS485(wiring1,2,4,5) 4: Door(wiring2,6) 5: Relay Switch(wiring1,2,6)	>SetSensor1Protocols 1 >SetSensor2Protocols 1	<Sensor1 Protocols 1-wire(wiring2,3,6) <Sensor2 Protocols 1-wire(wiring2,3,6)
>SetSensor1/Sensor2Type	Set Sensor1/Sensor2 type >Set [Param1] Type [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 1-7 1: Temperature 2: Humidity 3: Temperature And Humidity 4: Air Pressure 5: Other Data 6: Normally Open 7: Normally Close	>SetSensor1Type 1 >SetSensor2Type 1	<Sensor1 Type Temperature <Sensor2 Type Temperature
>SetSensor1/Sensor2Address	Set the data address for Sensor1/Sensor2 >Set [Param1] Address [Param2] [Param1] = Sensor1, Sensor2 [Param2] = [00-FF] or [0000:FFFF]	>SetSensor1Address 0E >SetSensor2Address 0E	<Sensor1 Data Address 0E <Sensor1 Data Address 0E
>SetSensor1/Sensor2MSAddress	Set the slave addresses of Sensor1/Sensor2 >Set [Param1] Msaddress [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 00-FF	>SetSensor1MSAddress 02 >SetSensor2MSAddress 02	<Sensor1 Slave Station Address 02 <Sensor2 Slave Station Address 02
>SetSensor1/Sensor2MFuncCode	Set Sensor1/Sensor2 function codes	>SetSensor1MFuncCode 03	<Sensor1 Function Code 03 <Sensor2 Function Code 03

	>Set [Param1] MFuncCode [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 03 or 04	>SetSensor2MFuncCode 03	
>SetSensor1/Sensor2ValueMax	Set the maxmum value of Sensor1/Sensor2 >Set[Param1] ValueMax [Param2] [Param1] = Sensor1, Sensor2 [Param2] = [-9999, 9999]	>SetSensor1ValueMax 30 >SetSensor2ValueMax 30	<Sensor1 Max Value 30 <Sensor2 Max Value 30
>SetSensor1/Sensor2ValueMin	Set the minimum value of Sensor1/Sensor2 >Set[Param1] ValueMin [Param2] [Param1] = Sensor1, Sensor2 [Param2] = [-9999, 9998]	>SetSensor1ValueMin 20 >SetSensor2ValueMin 20	<Sensor1 Min Value 20 <Sensor2 Min Value 20
>SetSensor1/Sensor2Unit	Set Sensor1/Sensor2 units >Set [Param1] Unit [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 1-3 1: ℃ 2: %RH 3: hPa	>SetSensor1Unit 1 >SetSensor2Unit 1	<Sensor1 Unit ℃ <Sensor2 Unit ℃
>SetSensor1/Sensor2Beeper	Set the buzzer switch for Sensor1/Sensor2 >Set [Param1] Beeper [Param2] [Param1] = Sensor1, Sensor2 [Param2] = On,Off	>SetSensor1Beeper On >SetSensor2Beeper On	<Sensor1 Beeper On <Sensor2 Beeper On
>SetSensor1/Sensor2OutletMode	Set the channel to respond to actions of Sensor1/Sensor2. >Set [Param1] OutletMode [Param2]:[Param3] [Param1] = Sensor1, Sensor2 [Param2] = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 [Param3] = 1-4 1: NoAction 2: Power On 3: Power Off 4: Restart	>SetSensor1OutletMode 1:2 >SetSensor2OutletMode 1:2	<Outlet 1 Response Sensor1 Mode Power On <Outlet 1 Response Sensor2 Mode Power On
>SetSensor1/Sensor2OutletTrigger	Set the trigger conditions for the channel response sensor >Set [Param1] OutletTrigger [Param2]:[Param3] [Param1] = Sensor1, Sensor2 [Param2] = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 [Param3] = 1-6 1: No Trigger	>SetSensor1OutletTrigger 1:2 >SetSensor2OutletTrigger 1:2	<Outlet 1 Response Sensor1 Trigger Max <Outlet 1 Response Sensor2 Trigger Max

	2: Max Trigger 3: Min Trigger 4: Min-Max 5: On 6: Off		
>SetSensor1/Sensor2OutletDelay	Set the delay time for the channel to respond to the actions executed by Sensor1/Sensor2. >Set [Param1] OutletDelay [Param2]:[Param3] [Param1] = Sensor1, Sensor2 [Param2] = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 [Param3] = 0-9999	>SetSensor1OutletDelay 1:10	<Outlet 1 Response Sensor1 Delay 10s
>GetSensor1/Sensor2Current	Get the current value of Sensor1/Sensor2	>GetSensor1Current	<Get Sensor1 Current Temperature Value N/A
>GetNetTcp/Ip List	Get the current network IP	>GetNetTcp/Ip List	<List Current TCP/IP Address
>SetNetTcp/IpEnable	Enable/Disable the TCP/IP: >SetNetTcp/IpEnable [Param1] [Param1] = 1-2 1: TCP/IP1 2: TCP/IP2	>SetNetTcp/IpEnable 1 >SetNetTcp/IpEnable 2	<TCP/IP1 Enable <TCP/IP2 Enable
>SetNetTcp/Ip1Dhcp	Turn on/off the DHCP for TCP/IP1: >SetNetTcp/Ip1Dhcp [Param1] [Param1] = On,Off	>SetNetTcp/Ip1Dhcp On >SetNetTcp/Ip1Dhcp Off	<TCP/IP1 DHCP On <TCP/IP1 DHCP Off
>SetNetTcp/Ip1Ip	Set an IP address for TCP/IP1: >SetNetTcp/Ip1Ip [Param1] [Param1] = XXX.XXX.XXX.XXX	>SetNetTcp/Ip1Ip 192.168.000.001	<TCP/IP1 IP Address 192.168.000.001
>SetNetTcp/Ip1Gw	Set a gateway for TCP/IP1: >SetNetTcp/Ip1Gw [Param1] [Param1] = XXX.XXX.XXX.XXX	>SetNetTcp/Ip1Gw 192.168.000.254	<TCP/IP1 Gateway Address 192.168.000.254
>SetNetTcp/Ip1Sm	Set a subnet mask for TCP/IP1: >SetNetTcp/Ip1Sm [Param1] [Param1] = XXX.XXX.XXX.XXX	>SetNetTcp/Ip1Sm 192.168.000.254	<TCP/IP1 Subnet Mask 192.168.000.254
>SetNetTcp/Ip2Dhcp	Turn on/off the DHCP of TCP/IP2: >SetNetTcp/Ip2Dhcp [Param1] [Param1] = On,Off	>SetNetTcp/Ip2Dhcp On >SetNetTcp/Ip2Dhcp Off	<TCP/IP2 DHCP On <TCP/IP2 DHCP Off
>SetNetTcp/Ip2Ip	Set an IP address for TCP/IP2: >SetNetTcp/Ip2Ip [Param1] [Param1] = XXX.XXX.XXX.XXX	>SetNetTcp/Ip2Ip 192.168.000.001	<TCP/IP2 IP Address 192.168.000.001
>SetNetTcp/Ip2Gw	Set the gateway for TCP/IP2: >SetNetTcp/Ip2Gw [Param1] [Param1] = XXX.XXX.XXX.XXX	>SetNetTcp/Ip2Gw 192.168.000.254	<TCP/IP2 Gateway Address 192.168.000.254
>SetNetTcp/Ip2Sm	Set the subnet mask for TCP/IP2 >SetNetTcp/Ip2Sm [Param1] [Param1]	>SetNetTcp/Ip2Sm 192.168.000.254	<TCP/IP2 Subnet Mask 192.168.000.254
>SetNetMdns	Turn on/off the mDNS >SetNetMdns [Param1] [Param1] = On,Off	>SetNetMdns On >SetNetMdns Off	<mDNS On <mDNS Off
>SetNetRb	Reboot the IP service	>SetNetRb	<Network Reboot And Apply New Config
>FactoryReset	Factory Reset the device.	>FactoryReset	<FactoryReset

>Reboot	Restart the MCU	>Reboot	<Reboot
>Resta	All outlets restart	>Resta	<System Restart

Lindy comprueba y prueba regularmente nuestra gama de productos para garantizar la máxima compatibilidad y rendimiento. Para obtener la versión más actualizada de este manual, consulte el sitio web local de Lindy, busque el número de referencia correspondiente y encontrará el manual en Descargas.

Instrukcja obsługi Polski

Wprowadzenie

Dziękujemy za zakup 8-portowego przełącznika DC IPower. Ten produkt został zaprojektowany w celu zapewnienia bezproblemowej, niezawodnej pracy. Korzysta zarówno z 3-letniej gwarancji LINDY, jak i bezpłatnej, dożywotniej pomocy technicznej. Aby zapewnić prawidłowe użytkowanie, przeczytaj uważnie tę instrukcję i zachowaj ją do wykorzystania w przyszłości.

Ten przełącznik IPower Switch został zaprojektowany do sterowania zasilaniem i monitorowania za pośrednictwem protokołu TCP/IP, zapewniając wygodne zdalne zarządzanie zasilaniem. Administratorzy systemu mogą sterować zasilaniem wielu urządzeń przy napięciach wyjściowych 5/9/12/24V na port, co umożliwia włączanie i wyłączanie zasilania oraz monitorowanie zużycia energii za pomocą łatwego w obsłudze interfejsu graficznego, interfejsu RS-232 lub poleceń API. Ponadto dwa porty czujników mogą służyć do podłączenia zewnętrznych czujników środowiskowych.

Instrukcje bezpieczeństwa

! OSTRZEŻENIE !



Prosimy o uważne zapoznanie się z poniższymi informacjami dotyczącymi bezpieczeństwa i zawsze należy przechowywać ten dokument wraz z produktem.
Nieprzestrzeganie tych środków ostrożności może spowodować poważne obrażenia lub śmierć w wyniku porażenia prądem, pożaru lub uszkodzenia produktu.
To urządzenie posiada zasilacz typu przełączającego i może pracować z napięciami zasilającymi w zakresie 100... 240V PRĄDU ZMIENNEGO.
Dotknięcie elementów wewnętrznych lub uszkodzonego może spowodować porażenie prądem, które może skutkować śmiercią.
Aby zmniejszyć ryzyko pożaru, porażenia prądem lub uszkodzenia:

- Nie otwieraj produktu. Wewnątrz nie ma części nadających się do serwisowania przez użytkownika.
- Tylko wykwalifikowany personel serwisowy może przeprowadzać wszelkie naprawy lub konserwację.
- Nigdy nie używaj uszkodzonych.
- Nie wystawiać produktu na działanie wody lub miejsc wilgoci.
- Nie używaj tego produktu na zewnątrz, jest on przeznaczony wyłącznie do użytku w pomieszczeniach.
- Nie umieszczaj produktu w pobliżu bezpośrednich źródeł ciepła. Zawsze umieszczaj go w dobrze wentylowanym miejscu.
- Nie umieszczaj ciężkich przedmiotów na produkcie lub.
- Upewnij się, że wszystkie są mocno zabezpieczone i zablokowane na miejscu przed włożeniem do gniazdka elektrycznego

Informacje dotyczące bezpieczeństwa i zdrowia: Produkty LINDY zostały zaprojektowane z myślą o bezpiecznym i efektywnym użytkowaniu. Prosimy o zapoznanie się z niniejszym przewodnikiem w celu uzyskania istotnych informacji na temat bezpieczeństwa i zdrowia oraz szczegółów dotyczących ograniczonej gwarancji na produkt. Przestrzeganie tych instrukcji konfiguracji, użytkowania i konserwacji zwiększa komfort, wydajność i bezpieczeństwo. Nieprzestrzeganie tych wytycznych może spowodować porażenie prądem, pożar, poważne obrażenia ciała lub uszkodzenie produktu lub mienia. Dodatkowe wsparcie jest dostępne na stronie www.lindy.com.
Ostrzeżenie: Przechowywać w miejscu niedostępnym dla dzieci. Produkty i akcesoria LINDY nie są zabawkami i nie powinny być dotykane przez małe dzieci, ponieważ mogą spowodować obrażenia ciała lub uszkodzenie urządzenia.
Niebezpieczeństwo uduszenia: W przypadku produktów zawierających lub dostarczanych w plastikowych torbach, torby należy przechowywać z dala od niemowląt i dzieci, aby zapobiec uduszeniu.
Bezpieczeństwo zasilania: Dotyczy produktów korzystających z zasilacza sieciowego. Należy używać wyłącznie oryginalnego lub zgodnego zasilacza sieciowego przeznaczonego dla danego produktu. Niezastosowanie się do tych zaleceń może spowodować porażenie prądem, pożar, poważne obrażenia ciała lub uszkodzenie produktu.
Prawidłowe użytkowanie: Urządzenie należy przechowywać z dala od wilgoci, w tym deszczu, śniegu lub wody, a także unikać umieszczania go w pobliżu źródeł ciepła, żywności, nadmiernego zabrudzenia, kurzu, oleju, chemikaliów lub bezpośredniego światła słonecznego. W przypadku urządzeń z portami

należy unikać wkładania przedmiotów, dopuszczania do gromadzenia się kurzu lub używania źródeł ciepła, takich jak suszarki do włosów lub kuchenki mikrofalowe, w celu wysuszenia urządzenia. Jeśli urządzenie ulegnie zamoczeniu, należy delikatnie przetrzeć jego obudowę suchą szmatką.

Użytkowanie wysokiego ryzyka: Ten produkt nie jest przeznaczony do zastosowań, w których awaria może prowadzić do śmierci, poważnych obrażeń lub znacznych szkód dla środowiska („użytkowanie wysokiego ryzyka"). Użytkowanie w takich zastosowaniach odbywa się wyłącznie na własne ryzyko.

Atmosfery wybuchowe: Nie należy przechowywać ani transportować materiałów łatwopalnych lub wybuchowych razem z tym produktem lub jego akcesoriami. Zawsze odłączaj i wyłączaj zasilanie produktu oraz unikaj ładowania w obszarach zagrożonych wybuchem.

Złącza i porty kablowe: Aby uniknąć porażenia prądem lub pożaru podczas używania złączy z zasilaczem, należy unikać ich kontaktu podczas użytkowania. Złącza należy chronić przed wilgocią, brudem i zanieczyszczeniami. Jeśli którekolwiek złącze okaże się uszkodzone, należy przerwać użytkowanie i skontaktować się z pomocą techniczną.

Czyszczenie: Aby zminimalizować ryzyko pożaru, porażenia prądem elektrycznym lub uszkodzenia produktu, przed przystąpieniem do czyszczenia należy odłączyć wszystkie przewody i wyłączyć zasilanie urządzenia i akcesoriów. Do czyszczenia obudowy należy używać wyłącznie suchej szmatki. Unikaj wkładania przedmiotów do portów i nie zanurzaj złączy w płynach; zamiast tego dokładnie je wytrzyj i wysusz.

Ryzyko związane z naprawami: Próba otwarcia lub naprawy tego produktu może narazić użytkownika na ryzyko porażenia prądem, pożaru lub obrażeń. Firma LINDY zdecydowanie zaleca korzystanie z profesjonalnych usług naprawczych, ponieważ nieautoryzowane naprawy mogą spowodować utratę gwarancji.

UWAGA

Podrażnienie skóry: Ten produkt zawiera materiały powszechnie stosowane w elektronice, które mogą powodować podrażnienia skóry u niektórych użytkowników. Aby zmniejszyć to ryzyko, należy regularnie czyścić urządzenie, unikać stosowania balsamów w pobliżu miejsc kontaktu i zaprzestać używania, jeśli wystąpi podrażnienie. Jeśli objawy nie ustąpią, należy skonsultować się z lekarzem.

Bezpieczeństwo kabli: Odsłonięte kable mogą stwarzać ryzyko potknięcia. Kable należy ułożyć w taki sposób, aby zapobiec ryzyku potknięcia się lub pociągnięcia oraz chronić je przed zgnieceniem, ostrymi zagięciami i wysoką temperaturą. Regularnie sprawdzaj kable i zaprzestań ich używania, jeśli są uszkodzone. Kable należy odłączać podczas burz z wyładowaniami atmosferycznymi lub w przypadku długotrwałego przechowywania.

UWAGA

Obawy związane z ciepłem: Produkt może nagrzewać się podczas regularnego użytkowania. Należy unikać długotrwałego kontaktu ze skórą, zapewnić odpowiednią wentylację i używać w dobrze wentylowanych miejscach, aby zapobiec przegrzaniu i dyskomfortowi..

Osobiste urządzenia medyczne: Emisje elektroniczne i pola magnetyczne z produktów LINDY mogą w sposób niezamierzony zakłócać działanie urządzeń medycznych, pomimo zgodności z przepisami. W przypadku podejrzenia zakłóceń należy natychmiast wyłączyć produkt. Aby uzyskać wskazówki dotyczące korzystania z urządzeń elektronicznych w pobliżu, należy skonsultować się z producentem urządzenia medycznego lub pracownikiem służby zdrowia.

Obsługa: Z produktem LINDY należy obchodzić się ostrożnie. Produkt może ulec uszkodzeniu w przypadku upuszczenia, przebicia lub kontaktu z cieczą. W przypadku podejrzenia uszkodzenia należy zaprzestać korzystania z produktu, aby zapobiec potencjalnym zagrożeniom.

Zawartość opakowania

- 8 Port DC IPower Switch
- 8x złącza phoenix męskie 2-pinowe
- Zestaw montażowy z 2x uchwytami i śrubami
- Kabel RS232 3-pin do DB9 żeński, 1.35m
- Kable zasilające Schuko, UK, US i AU do IEC C13, 1.8m
- 4x gumowe nóżki
- Instrukcja LINDY

Funkcje

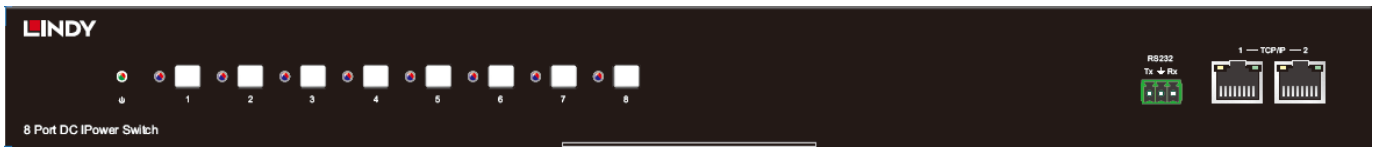
- 8x wyjściowe porty DC 2-pinowe dla urządzeń
- Obsługa 4 poziomów opcjonalnego napięcia wyjściowego (5/9/12/24V), do 30/36W na port
- Wejście zasilania IEC C14 10A
- Sterowanie zasilaniem oraz monitorowanie napięcia, prądu i poboru mocy
- Zarządzanie przez Web GUI, RS-232, API i przyciski panelu przedniego
- Obsługiwane protokoły: Telnet, Modbus TCP, SSH, SNMP, Watchdog i MQTT
- 2x redundantne porty sieciowe RJ-45
- 2x porty czujników RJ-45
- Ochrona przed przeciążeniem i błędami okablowania oraz zdalna weryfikacja logowania
- Obsługa wielu protokołów bezpieczeństwa, sieciowych i IoT

Specyfikacja

- Zasilanie: 100–240V 50/60Hz 10A
- Pobór mocy bez obciążenia: 2.6W
- Moc wyjściowa (outlet): maks. 36W (przy 5V do 30W)
- Wskaźniki LED
- Zakres napięcia wejściowego: 100–240V (90–264V po ustawieniu progu napięcia)
- Zakres prądu wejściowego: 0–10A
- Zakres częstotliwości wejściowej: 45–65Hz
- Temperatura pracy: -5–55°C (23°F–131°F)
- Temperatura przechowywania: -20–70°C (-4°F–158°F)
- Wilgotność względna: 0–95% (bez kondensacji)

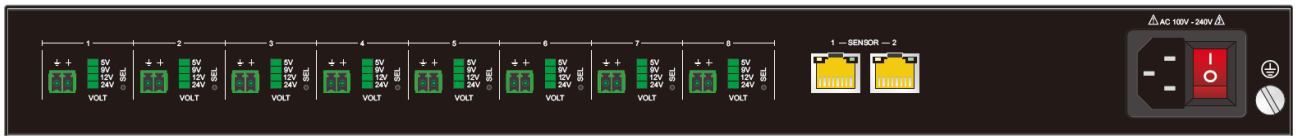
Instalacja

Panel przedni



- POWER LED: Zielony: urządzenie włączone, Czerwony: tryb czuwania.
- BUTTON 1-8: ręczne zarządzanie zasilaniem dla każdego portu wyjściowego.
  Stan LED:
  Niebieski: port włączony
  Niebieski migający: inicjalizacja portu przed włączeniem
  Czerwony: port wyjściowy przeciążony
  Czerwony migający: port wyjściowy wykrywa obciążenie
- RS232: podłączenie do komputera, kontrolera szeregowego lub urządzenia szeregowego przez złącze phoenix blok 3-drożny do transmisji poleceń RS-232 i API.
- TCP/IP 1-2: dwa redundantne porty RJ-45 do połączenia sieciowego, sterowania i dostępu do Web GUI.

Panel tylny



- OUTLET 1-8: porty phoenix 2-pinowe 3.81mm do zasilania podłączonych urządzeń. Diody VOLT wskazują napięcie wyjściowe 5/9/12/24V na każdym porcie (domyślnie 5V). Przycisk SEL do zmiany napięcia wyjściowego na każdym porcie.
- SENSOR 1-2: dwa porty RJ-45 do podłączania zewnętrznych czujników. Diody LED stanu portu: Zielony: połączenie aktywne, Żółty: transfer danych.
- AC 100V~240V: port wejściowy IEC C14 do zasilania urządzenia (AC 100V~240V 10A) z przełącznikiem ON/OFF.
- GROUND: śrubowy zacisk uziemienia.

Podłącz wszystkie urządzenia do portów OUTLET, a następnie włącz urządzenie i podłączone urządzenia.

Operacja

Web GUI

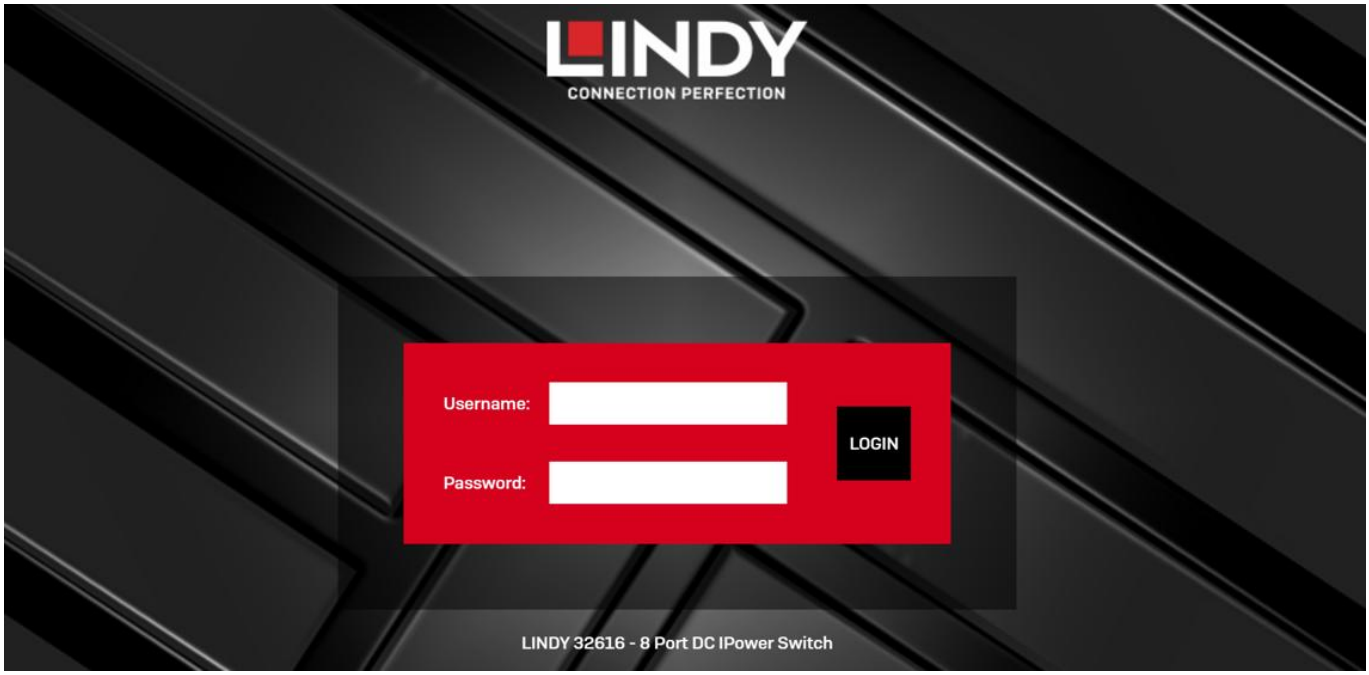
Podłącz port TCP/IP RJ-45 do sieci lokalnej lub bezpośrednio do portu TCP/IP 1. Domyślnie urządzenie jest ustawione w trybie DHCP. Aby automatycznie uzyskać dynamicznie przypisany adres IP, podłącz urządzenie do sieci z obsługą DHCP.

Aktualny adres IP można również uzyskać, podłączając urządzenie do portu RS232 i wysyłając polecenie >getstatus, jak pokazano na poniższym zrzucie ekranu:

```
<TCP/IP1 DHCP On
<TCP/IP1 IP Address 192.168.000.178
<TCP/IP1 Gateway Address 192.168.002.001
<TCP/IP1 Subnet Mask 255.255.255.000
<MAC1 Address 00:0C:43:28:80:BB
<TCP/IP2 DHCP On
<TCP/IP2 IP Address 192.168.000.179
<TCP/IP2 Gateway Address 192.168.000.001
<TCP/IP2 Subnet Mask 255.255.255.000
<MAC2 Address 00:0C:43:28:80:AA
<mDNS On
<mDNS Name Lindy-32616
<TCP/IPv61 Protocol Off
<TCP/IPv61 DHCP Off
<TCP/IPv61 IP Address
<TCP/IPv61 Gateway Address1
<TCP/IPv61 Gateway Address2
<TCP/IPv62 Protocol Off
<TCP/IPv62 DHCP Off
<TCP/IPv62 IP Address
<TCP/IPv62 Gateway Address1
<TCP/IPv62 Gateway Address2
```



Jeśli w sieci nie ma serwera DHCP (np. routera), urządzenie powróci do następujących domyślnych ustawień IP na Porcie 1:
Port 1: 192.168.0.178
Maska podsieci 1: 255.255.255.0
Brama: 192.168.0.1
Port Telnet: 4001
Wpisz adres IP w przeglądarce, aby otworzyć stronę logowania.



Domyślna nazwa użytkownika: admin
Domyślne hasło: aP?y43Tq
Wpisz domyślną nazwę użytkownika i hasło, a następnie kliknij LOGIN.

Ważne: natychmiast zmień domyślne hasło

Aby chronić swój produkt i dane osobowe, musisz zmienić domyślne hasło jak najszybciej po konfiguracji.

Ten produkt jest zgodny z brytyjskim rozporządzeniem o bezpieczeństwie produktów i infrastrukturze telekomunikacyjnej (PSTI), które wymaga, aby wszystkie domyślne hasła były unikalne lub generowane dla każdego urządzenia. Jednak w celu utrzymania najwyższego poziomu bezpieczeństwa konieczne jest ustawienie własnego, silnego i łatwego do zapamiętania hasła.

Jak zmienić hasło:

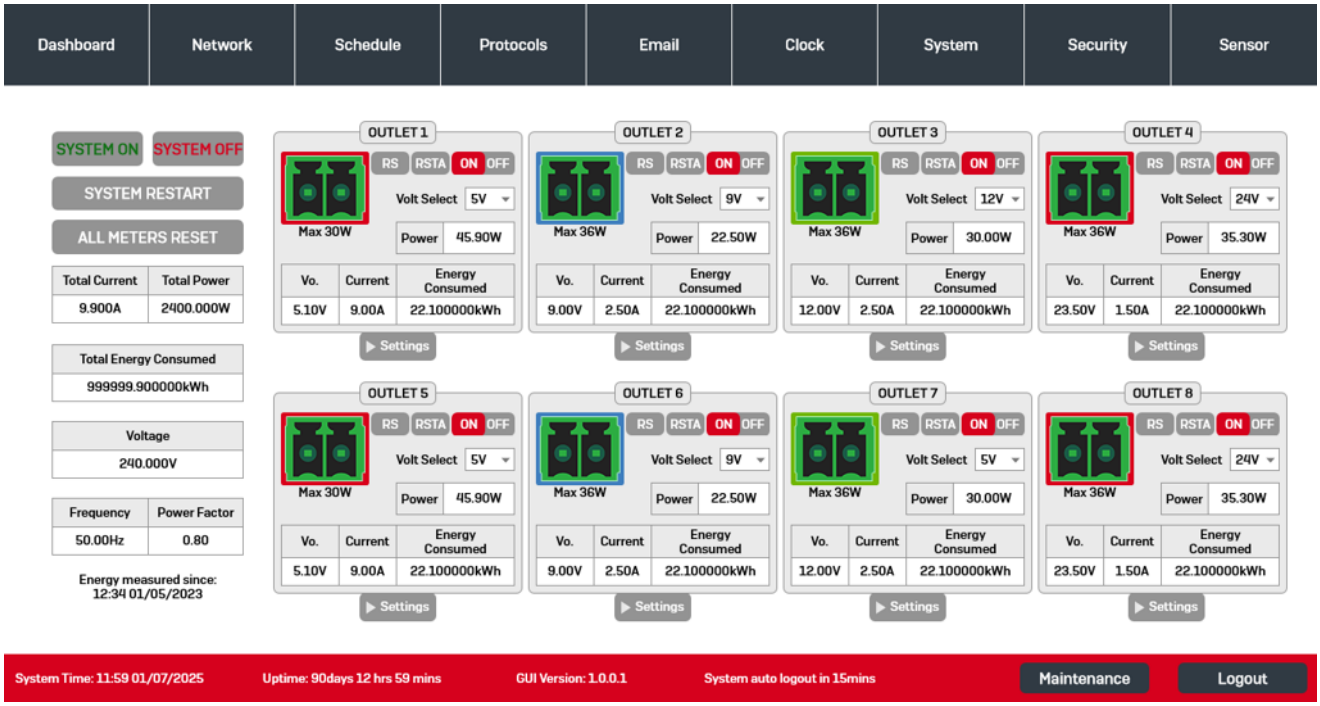
1. Włącz urządzenie i połącz się z nim za pomocą interfejsu Web.
2. Zaloguj się przy użyciu domyślnych danych logowania podanych powyżej.
3. Przejdź do Bezpieczeństwo > Hasło logowania Web-GUI.
4. Wprowadź obecne hasło, dwukrotnie nowe hasło, a następnie je potwierdź.
5. Zapisz zmiany i zaloguj się ponownie przy użyciu nowego hasła.

Wskazówki dotyczące silnego hasła:

- Użyj co najmniej 8 znaków (zalecamy 12+)
- Użyj dużych i małych liter
- Dodaj cyfry i znaki specjalne (!, @, #, itp.)
- Unikaj popularnych słów lub danych osobowych

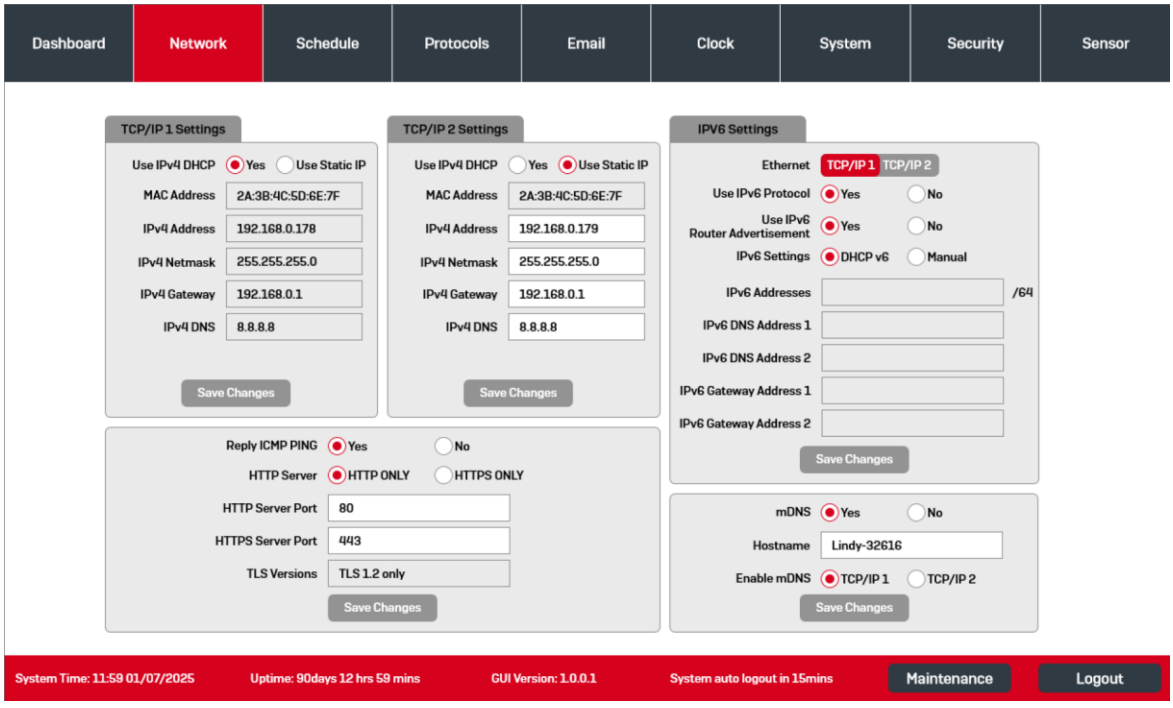
Niezmienianie domyślnego hasła może narazić urządzenie na zagrożenia bezpieczeństwa. Jeśli potrzebujesz pomocy, skontaktuj się z naszym zespołem obsługi klienta.

Dashboard



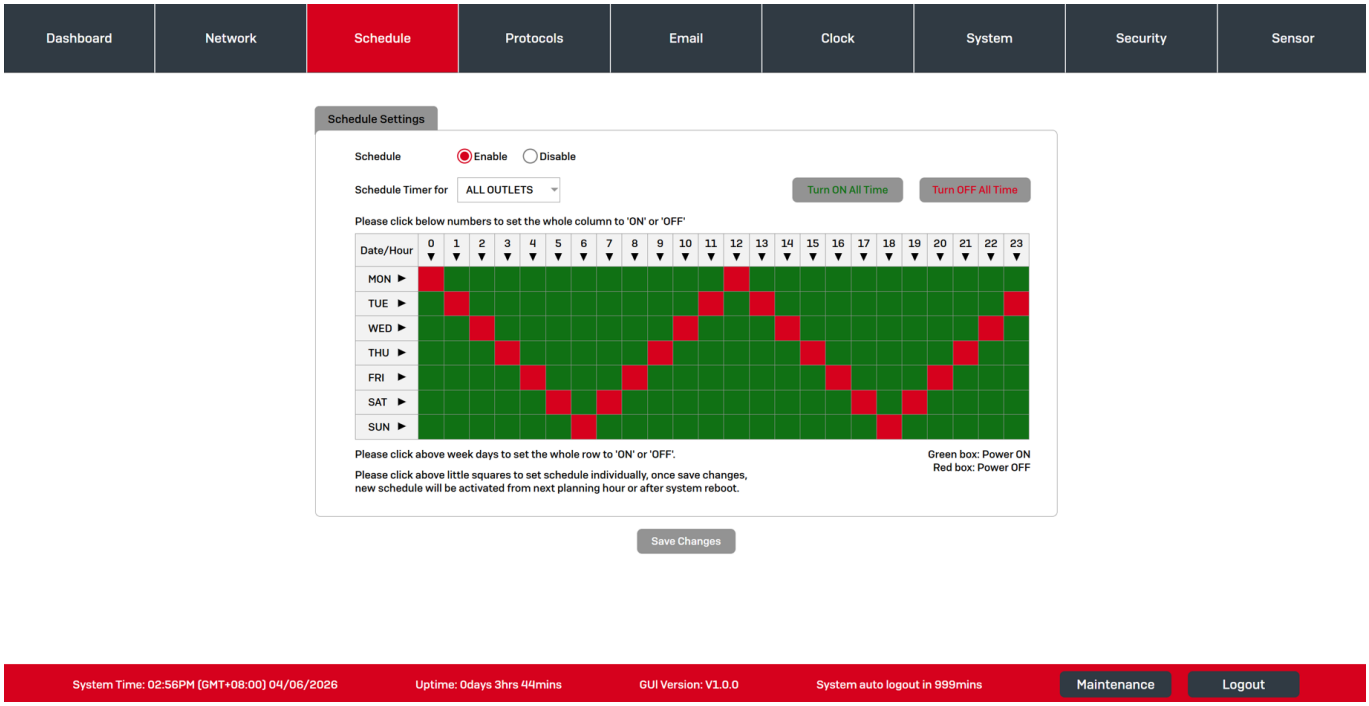
ALL ON/ALL OFF: włączenie/wyłączenie wszystkich 8 gniazd.
SYSTEM RESTART: restart urządzenia.
ALL METERS RESET: reset mierników 8 gniazd.
OUTLET 1-8
RS: reset zużycia energii.
RSTA: ponowne uruchomienie.
ON/OFF: włącz/wyłącz zasilanie.
VOLT SELECT: przełączanie napięcia wyjściowego.
SETTINGS: zmień nazwę gniazdka, ustaw opóźnienia ponownego włączenia zasilania i wyłączenia zasilania, ustaw czas trwania resetowania liczników oraz ustaw dodatnie przesunięcie napięcia, jeśli napięcie na zacisku wyjściowym jest niskie.
SAVE CHANGES: kliknij, aby zapisać ustawienia gniazda.

Network



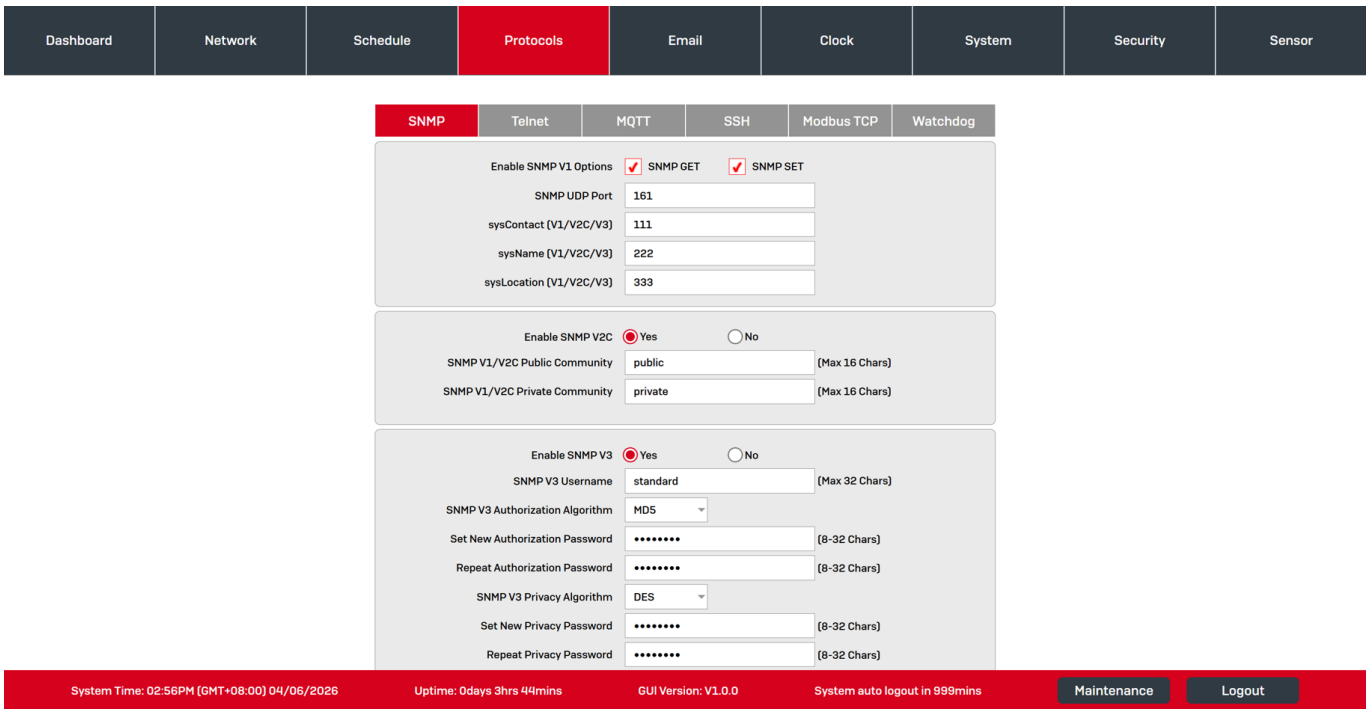
Ustawienia sieciowe, IPv4 i IPv6 dla obu portów TCP/IP, PING on/off, serwer HTTP i mDNS.

Schedule



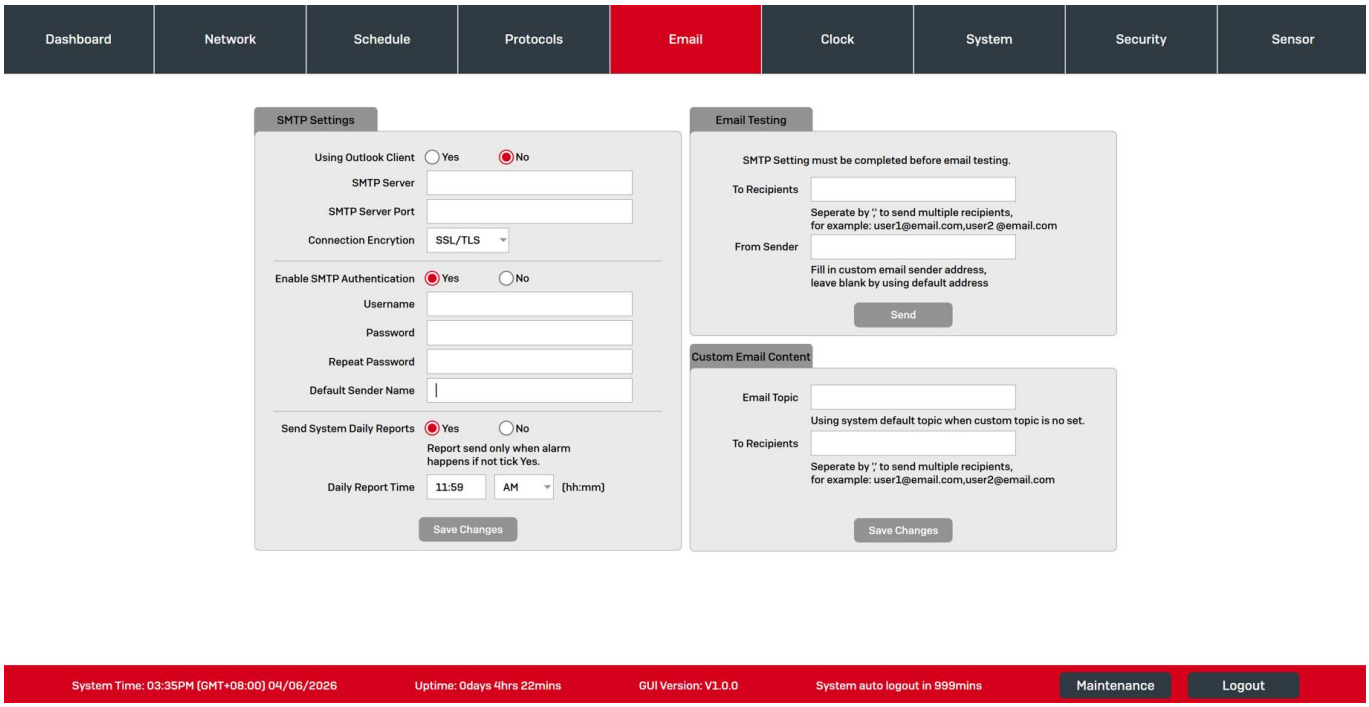
Wybierz gniazda i zaplanuj stan włącz/wyłącz według dni i godzin (zielony = włączony, czerwony = wyłączony).

Protocols



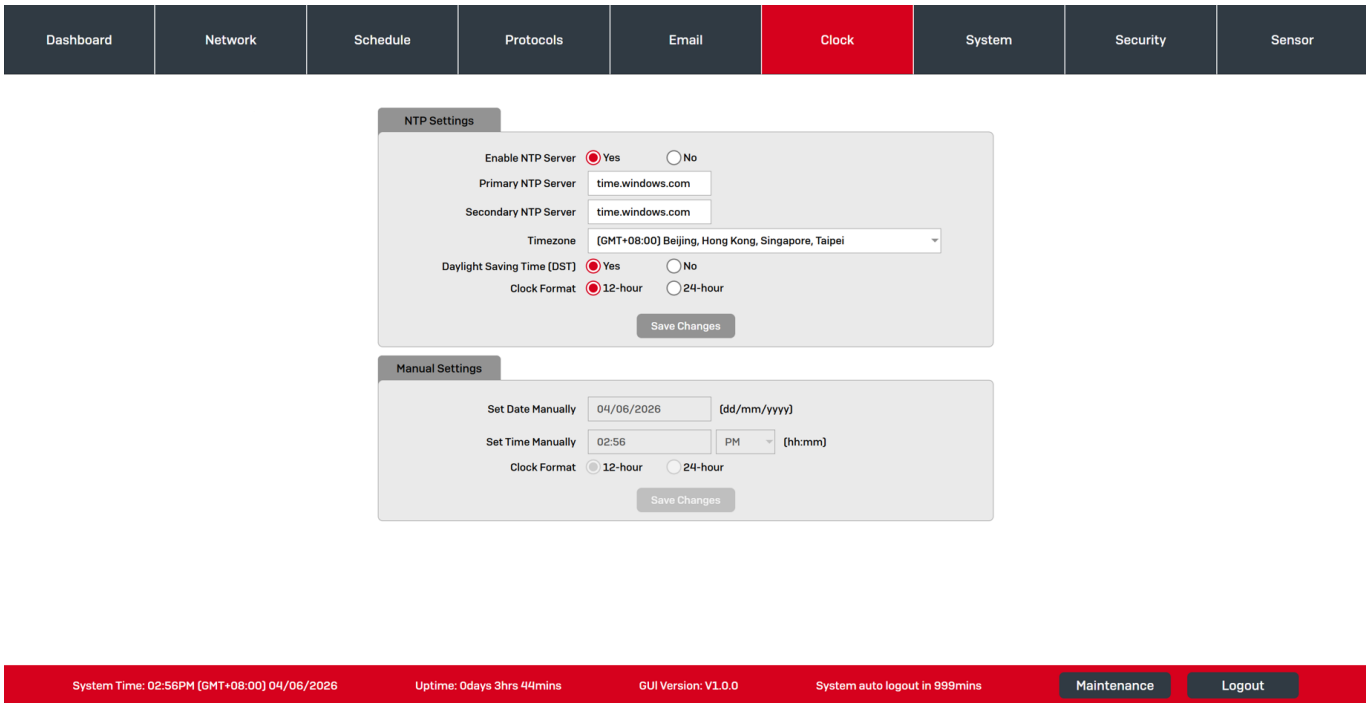
Wybierz protokoły dostępne spośród SNMP, Telnet, MQTT, SSH, Modbus TCP i Watchdog, aby ustanowić wymagane połączenie. Każde okno zawiera konfigurację wybranego protokołu.

Email



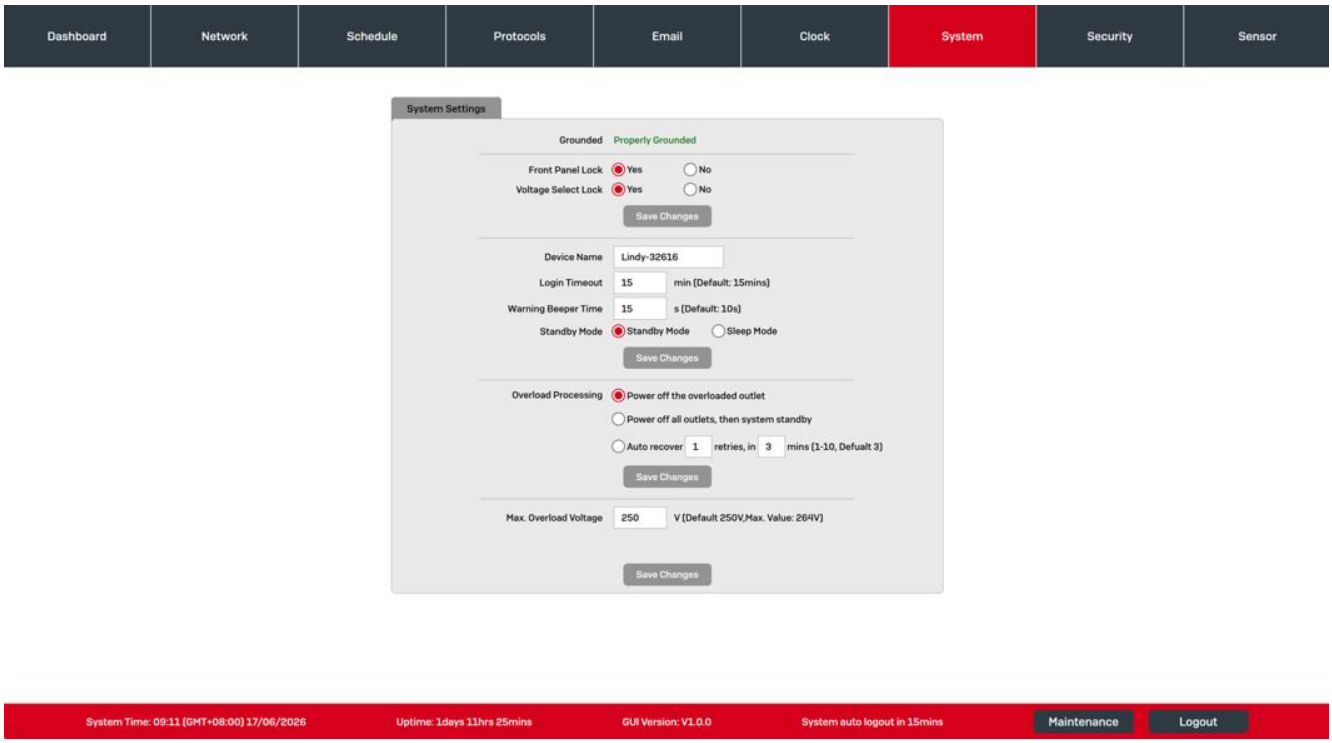
Skonfiguruj serwer pocztowy i konto do otrzymywania ostrzeżeń i raportów.

Clock



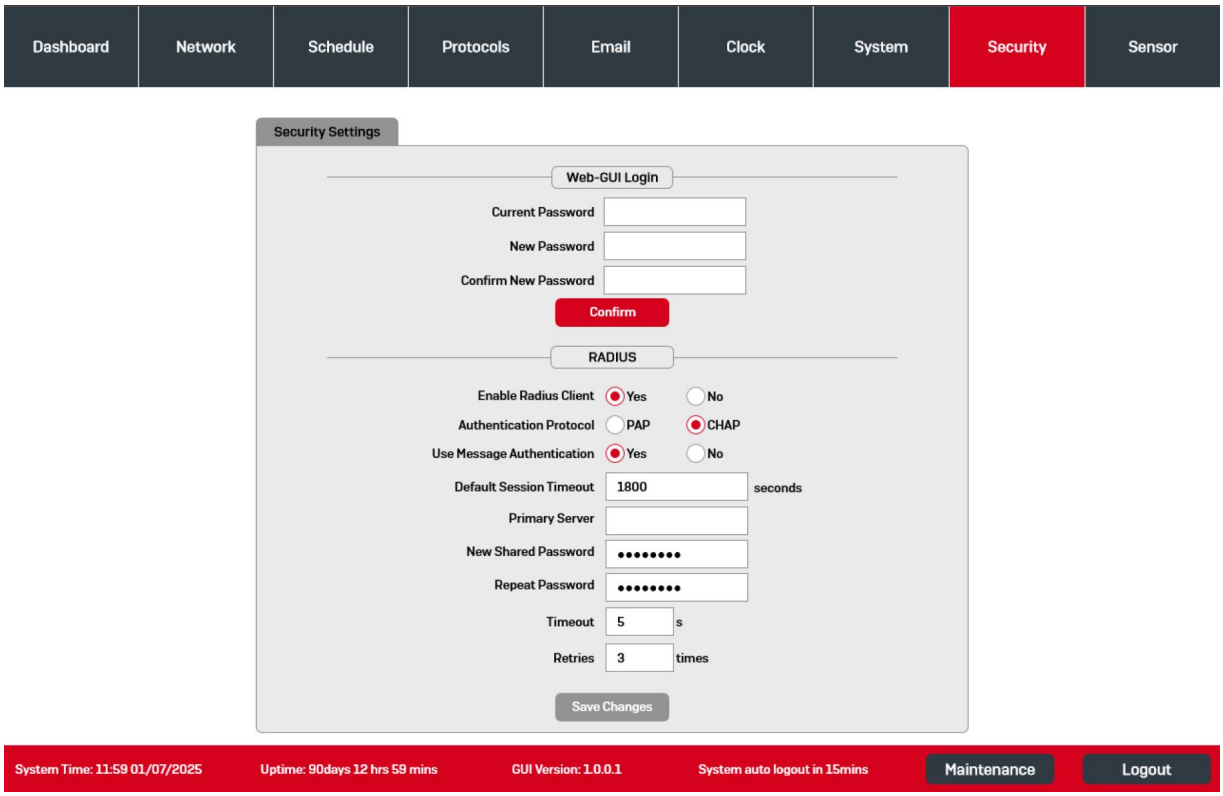
Skonfiguruj ustawienia czasu ręcznie lub przez połączenie internetowe, włączając serwer NTP.

System



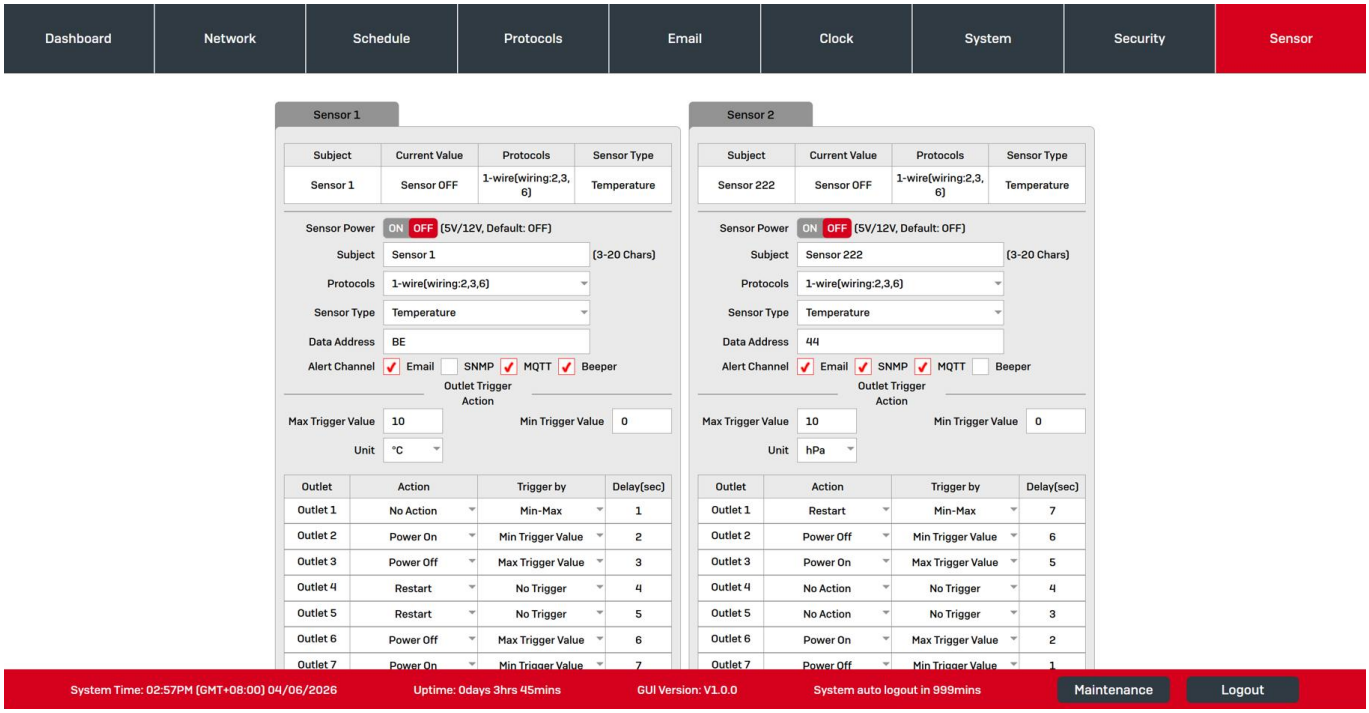
Strona ustawień systemowych, odblokowanie przycisków panelu przedniego, limit czasu logowania, czas sygnału ostrzegawczego, obsługa przeciążenia i próg przetężenia.

Security

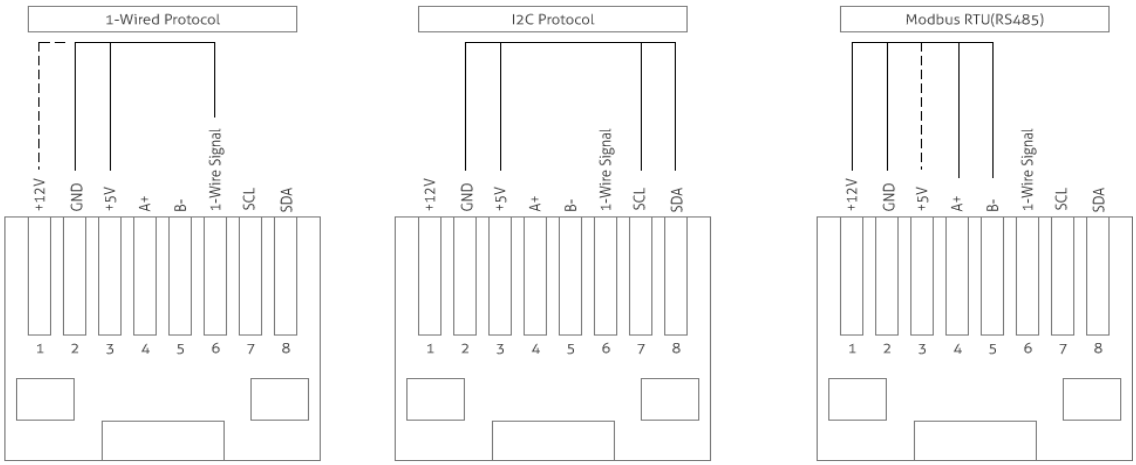


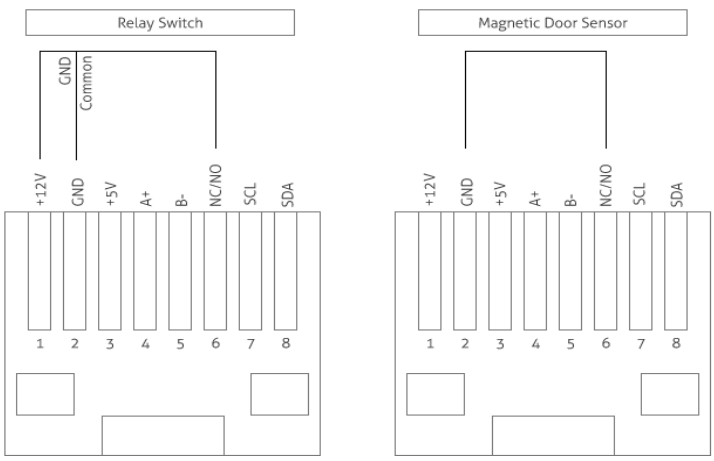
Ustawienia bezpieczeństwa, zmiana hasła logowania i parametrów klienta Radius.

Sensor

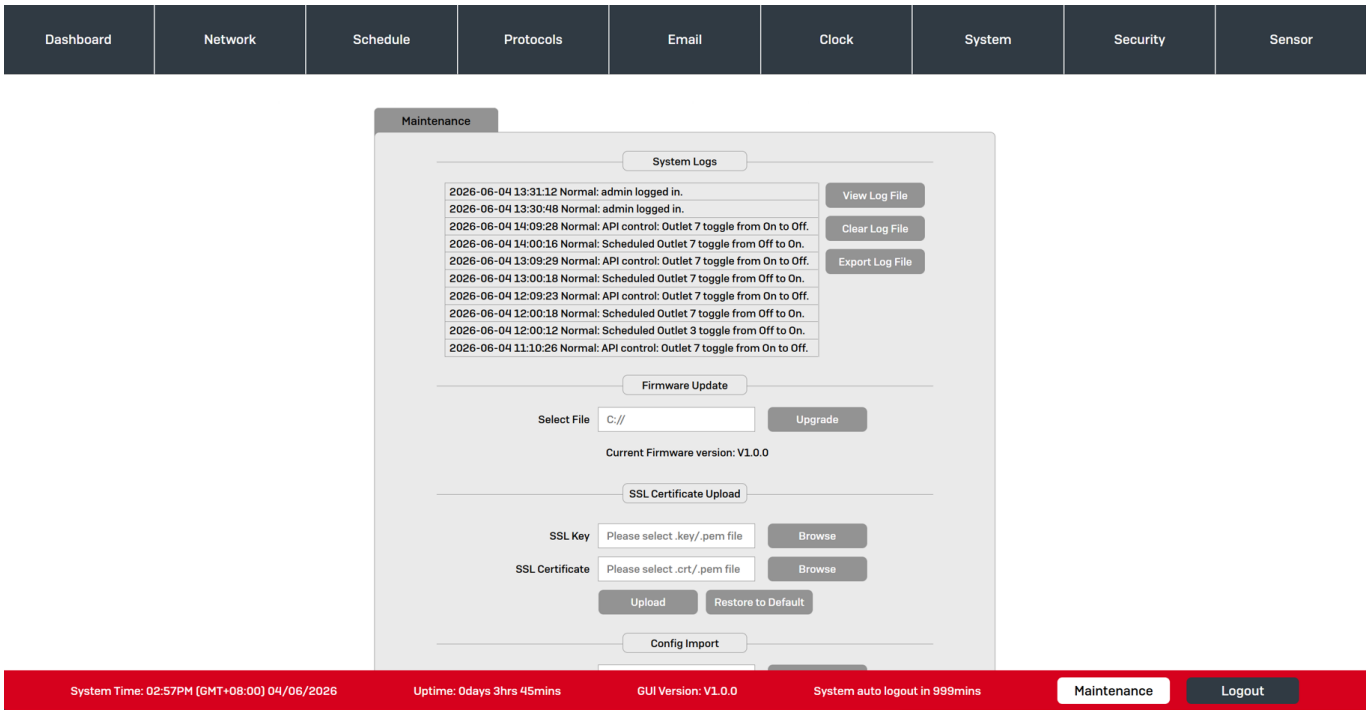


Sprawdź właściwości i zarządzaj dostępnymi opcjami czujników (jeśli są podłączone). Uwaga: przy podłączaniu czujnika każdy protokół zapewnia inną wartość mocy dla złącza RJ-45. Zapoznaj się z poniższym rysunkiem:





Maintenance



Kliknij przycisk Maintenance, aby wyświetlić dzienniki systemu, zaktualizować oprogramowanie sprzętowe, przesłać certyfikat SSL, zaimportować i wyeksportować konfigurację, zrestartować urządzenie, przywrócić ustawienia fabryczne i wyczyścić pamięć podręczną DNS.

Commands

Port 1 IP address: 192.168.0.178
Port 2 IP address: 192.168.0.179
Telnet port: 4001
Baudrate: 57600 (default)
Data bit: 8
Stop bit:1
Check bit: none
Terminator: <CR><LF>
Error command feedback code: <Command Error
<Out of Range

Command	Function	Example	Feedback
>?/Help	List all the command	>? >Help	All the commands list
>GetStatus	Get the status of the device.	>GetStatus	<Lindy-32616 <V1.0.0 <GetPowerStatus On <GetKeyStatus On <GetSelectKeyStatus On <GetTCP/IPEnable 2 <GetRS232Baud 57600 <GetSystemVoltageThreshold 264V <Outlet 1 Off <Outlet 2 Off <Outlet 3 Off <Outlet 4 Off <Outlet 5 Off <Outlet 6 Off

			<Outlet 7 Off <Outlet 8 Off <GetGroundStatus Properly Grounded <GetOutletMode 1 Idle <GetOutletMode 2 Idle <GetOutletMode 3 Idle <GetOutletMode 4 Idle <GetOutletMode 5 Idle <GetOutletMode 6 Idle <GetOutletMode 7 Idle <GetOutletMode 8 Idle <GetOutletPowerOnTime 1 2s <GetOutletPowerOnTime 2 2s <GetOutletPowerOnTime 3 2s <GetOutletPowerOnTime 4 2s <GetOutletPowerOnTime 5 2s <GetOutletPowerOnTime 6 2s <GetOutletPowerOnTime 7 2s <GetOutletPowerOnTime 8 2s <GetOutletPowerOffTime 1 2s <GetOutletPowerOffTime 2 3s <GetOutletPowerOffTime 3 4s <GetOutletPowerOffTime 4 5s <GetOutletPowerOffTime 5 6s <GetOutletPowerOffTime 6 7s <GetOutletPowerOffTime 7 8s <GetOutletPowerOffTime 8 9s <GetOutletPowerRestaTime 1 2s <GetOutletPowerRestaTime 2 3s <GetOutletPowerRestaTime 3 4s <GetOutletPowerRestaTime 4 5s <GetOutletPowerRestaTime 5 6s <GetOutletPowerRestaTime 6 7s <GetOutletPowerRestaTime 7 8s <GetOutletPowerRestaTime 8 9s <GetOutletEleResetTime 1 10s <GetOutletEleResetTime 2 10s <GetOutletEleResetTime 3 10s <GetOutletEleResetTime 4 10s <GetOutletEleResetTime 5 10s <GetOutletEleResetTime 6 10s <GetOutletEleResetTime 7 10s <GetOutletEleResetTime 8 10s <GetOutletDCVoltage 1 5V <GetOutletDCVoltage 2 9V <GetOutletDCVoltage 3 9V <GetOutletDCVoltage 4 9V <GetOutletDCVoltage 5 9V <GetOutletDCVoltage 6 9V <GetOutletDCVoltage 7 9V <GetOutletDCVoltage 8 9V <GetOutletDCVoltageOffset 1 1 <GetOutletDCVoltageOffset 2 1 <GetOutletDCVoltageOffset 3 1 <GetOutletDCVoltageOffset 4 1 <GetOutletDCVoltageOffset 5 1 <GetOutletDCVoltageOffset 6 1 <GetOutletDCVoltageOffset 7 1 <GetOutletDCVoltageOffset 8 1 <GetSafeMode Outlet_Shutdown

			<GetStandbyMode All_Standby_Mode <GetOverloadRetryCnt 1 <GetOverloadRetryTime 3mins <GetBeeperTime 10s <TCP/IP1 DHCP On <TCP/IP1 IP Address 192.168.000.178 <TCP/IP1 Gateway Address 192.168.000.001 <TCP/IP1 Subnet Mask 255.255.255.000 <MAC1 Address 00:0C:43:28:80:BB <TCP/IP2 DHCP On <TCP/IP2 IP Address 192.168.000.179 <TCP/IP2 Gateway Address 192.168.000.001 <TCP/IP2 Subnet Mask 255.255.255.000 <MAC2 Address 00:0C:43:28:80:AA <mDNS On <mDNS Name Lindy-32616 <TCP/IPv61 Protocol Off <TCP/IPv61 DHCP Off <TCP/IPv61 IP Address <TCP/IPv61 Gateway Address1 <TCP/IPv61 Gateway Address2 <TCP/IPv62 Protocol Off <TCP/IPv62 DHCP Off <TCP/IPv62 IP Address <TCP/IPv62 Gateway Address1 <TCP/IPv62 Gateway Address2
>GetOutletStatus	Get the status of a single outlet. >GetOutletStatus [Param1] Param1 = 0-8 0: All Outlets 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8	>GetOutletStatus 1	<Outlet 1 On
>GetSensorCfg	Get the sensor configuration >GetSensorCfg	>GetSensorCfg	<Lindy-32616 <V1.0.0 <GetSensor1PowerStatus Off <GetSensor1Protocols 1-wire <GetSensor1Type Tem <GetSensor1Address BE <GetSensor1Beeper Off <GetSensor1ValueMax 10 <GetSensor1ValueMin 0 <GetSensor1Unit 1 <GetSensor1Response 1 NoAction <GetSensor1Response 2 NoAction

			<GetSensor1Response 3 NoAction <GetSensor1Response 4 NoAction <GetSensor1Response 5 NoAction <GetSensor1Response 6 NoAction <GetSensor1Response 7 NoAction <GetSensor1Response 8 NoAction <GetSensor1Trigger 1 NoTrigger <GetSensor1Trigger 2 NoTrigger <GetSensor1Trigger 3 NoTrigger <GetSensor1Trigger 4 NoTrigger <GetSensor1Trigger 5 NoTrigger <GetSensor1Trigger 6 NoTrigger <GetSensor1Trigger 7 NoTrigger <GetSensor1Trigger 8 NoTrigger <GetSensor1Delay 1 10s <GetSensor1Delay 2 10s <GetSensor1Delay 3 10s <GetSensor1Delay 4 10s <GetSensor1Delay 5 10s <GetSensor1Delay 6 10s <GetSensor1Delay 7 10s <GetSensor1Delay 8 10s <GetSensor2PowerStatus Off <GetSensor2Protocols 1-wire <GetSensor2Type Tem <GetSensor2Address BE <GetSensor2Beeper Off <GetSensor2Valuemax 10 <GetSensor2Valuemin 0 <GetSensor2Unit 1 <GetSensor2Response 1 NoAction <GetSensor2Response 2 NoAction <GetSensor2Response 3 NoAction <GetSensor2Response 4 NoAction <GetSensor2Response 5 NoAction <GetSensor2Response 6 NoAction <GetSensor2Response 7 NoAction <GetSensor2Response 8 NoAction <GetSensor2Trigger 1 NoTrigger <GetSensor2Trigger 2 NoTrigger <GetSensor2Trigger 3 NoTrigger <GetSensor2Trigger 4 NoTrigger <GetSensor2Trigger 5 NoTrigger <GetSensor2Trigger 6 NoTrigger <GetSensor2Trigger 7 NoTrigger <GetSensor2Trigger 8 NoTrigger <GetSensor2Delay 1 10s

			<GetSensor2Delay 2 10s <GetSensor2Delay 3 10s <GetSensor2Delay 4 10s <GetSensor2Delay 5 10s <GetSensor2Delay 6 10s <GetSensor2Delay 7 10s <GetSensor2Delay 8 10s
>GetElesta	Get the electricity information, such as power consumption, voltage, current, etc.	>GetElesta	<Lindy-32616 <V1.0.0 <Voltage 231.575V <Input Current 0.145A <Total Power 3.670W <Total Energy Consumed 0.000342kWh <Power Factor 0.11 <Frequency 49.95Hz <GetOutletVoltage 1 0.00V <GetOutletVoltage 2 0.00V <GetOutletVoltage 3 0.00V <GetOutletVoltage 4 0.00V <GetOutletVoltage 5 0.00V <GetOutletVoltage 6 0.00V <GetOutletVoltage 7 0.00V <GetOutletVoltage 8 0.00V <GetOutletCurrent 1 0.00A <GetOutletCurrent 2 0.00A <GetOutletCurrent 3 0.00A <GetOutletCurrent 4 0.00A <GetOutletCurrent 5 0.00A <GetOutletCurrent 6 0.00A <GetOutletCurrent 7 0.00A <GetOutletCurrent 8 0.00A <GetOutletPower 1 0.00W <GetOutletPower 2 0.00W <GetOutletPower 3 0.00W <GetOutletPower 4 0.00W <GetOutletPower 5 0.00W <GetOutletPower 6 0.00W <GetOutletPower 7 0.00W <GetOutletPower 8 0.00W <GetOutletConsumed 1 0.000000kWh <GetOutletConsumed 2 0.000000kWh <GetOutletConsumed 3 0.000000kWh <GetOutletConsumed 4 0.000000kWh <GetOutletConsumed 5 0.000000kWh <GetOutletConsumed 6 0.000000kWh <GetOutletConsumed 7 0.000000kWh <GetOutletConsumed 8 0.000000kWh
>GetFwVersion	Get the firmware version.	>GetFwVersion	<GetFW Version: V1.0.0 <GetGUI Version: V1.0.0
>SetDeviceName	Set the name of the device. >SetDeviceName: [Param1] [Param1] should be the nickname	>SetDeviceName: Lindy-32616	<Device Name: Lindy-32616

	you want to set. (14 characters maximum)		
>SetPower	Enter/Exit the standby mode. >SetPower [Param1] [Param1] = On,Off On - Power on Off - Power off	>SetPower On >SetPower Off	<System Power On, Please Wait A Moment... Done <System Power Off
>SetKeyLock	To lock/unlock the button on the front panel of the device. >SetKeyLock [Param1] [Param1] = On,Off On - <GetKeyStatus Off Off - <GetKeyStatus On	>SetKeyLock On >SetKeyLock Off	<KeyLock On <KeyLock Off
>SetSelectKeyLock	Lock/unlock the voltage selector button on the rear panel. >SetSelectKeyLock [Param1] Param1 = On,Off On - <GetSelectKeyStatus Off Off - <GetSelectKeyStatus On	>SetSelectKeyLock On >SetSelectKeyLock Off	<SelectKeyLock On <SelectKeyLock Off
>SetVoltageThreshold	Set a voltage threshold for the system. >SetVoltageThreshold [Param1] [Param1] =198-264	>SetVoltageThreshold 222	<System Voltage Threshold 222V
>SetSafeMode	Set an action of what the system will do when it goes overloaded. >SetSafeMode [Param1] [Param1] = 0-2 0: Outlet_Shutdown 1: System_Shutdown 2:Auto_Retry	>SetSafeMode 0 >SetSafeMode 1 >SetSafeMode 2	<System Safe Mode: Outlet_Shutdown <System Safe Mode: System_Shutdown <System Safe Mode: Auto_Retry
>SetOverloadRetryCnt	Set the times of the system will reboot when it goes overloaded. >SetOverloadRetryCnt [Param1] [Param1] = 1-3 1(Default)	>SetOverloadRetryCnt 1 >SetOverloadRetryCnt 2 >SetOverloadRetryCnt 3	<System Retry Number 1 <System Retry Number 2 <System Retry Number 3
>SetOverloadRetryTime	Set a delayed time for the system to reboot when it goes overloaded. (unit is minutes) >SetOverloadRetryTime [Param1] [Param1] = 1-10 3(Default)	>SetOverloadRetryTime 1	<System Retry Delay Time 1mins
>SetStandbyMode	Set a standby mode for the system. >StandbyMode [Param1] [Param1] = 0-1 0: All_Standby_Mode 1: Sleep_Mode	>SetStandbyMode 0 >SetStandbyMode 1	<System Standby Mode: All_Standby_Mode <System Standby Mode: Sleep_Mode
>SetRs232Baud	Set a baudrate for RS232 >SetRs232Baud [Param1] [Param1] = 1-7 1: 2400 2: 4800 3: 9600 4: 19200 5: 38400 6: 57600(Default), 7: 115200	>SetRs232Baud 6	<RS232Baud 57600
>SetRs232Out	RS232 Passthrough >SetRs232Out [Param1][Param2][Param3][Param4]	>SETRS232OUTa:6:1:RS232	RS232

	[Param1] = a,h a: ASCII h: HEX [Param2] = 1-7 1: 2400 2: 4800 3: 9600 4: 19200 5: 38400 6: 57600(Default), 7: 115200 [Param3] = 1-3 1: None 2: Even 3: Odd Param4 = string		
>SetBeeperTime	Set buzzer duration of time. (unit is seconds) >SetBeeperTime [Param1] [Param1] = 0: 9999 10(Default)	>SetBeeperTime 10	<Buzzer Sound Time 10s
>SetOutletTime	Set a delay time for an outlet to turn on/off. (unit is seconds) >SetOutlet[Param1]Time [Param2][Param3] [Param1] =On,Off [Param2] = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 [Param3] = 2-9999 (On)/ 0-9999 (Off)	>SetOutletOnTime 1:2 >SetOutletOffTime 1:1	<Outlet 1 Power_On Delay 2s <Outlet 1 Power_Off Delay 1s
>SetOutletRestaTime	Set a delay time for an outlet to restart (unit is in seconds) >SetOutletRestaTime [Param1]:[Param2] Param1 = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 Param2 = 2-9999	>SetOutletRestaTime 1:2	<Outlet 1 Power_Resta Delay 2s
>SetOutletEleResetTime	Set the outlet power reset delay time, in seconds. >SetOutletEleResetTime[Param1][Param2] Param1 = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5	>SetOutletEleResetTime 1:10	<Outlet 1 Electrical Work Reset Duration 10s

	6: Outlet6 7: Outlet7 8: Outlet8 [Param2] = 0-9999 10(Default)		
>SetAllOut	Set on/off all the outlets. >SetAllOut [Param1] [Param1] = On,Off	>SetAllOut On >SetAllOut Off	<All Outlets On <All Outlets Off
>SetOutlet	Set on/off a single outlet. >SetOutlet [Param1][Param2] Param1 = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 Param2 = On,Off,Resta	>SetOutlet 1 On	<Outlet 1 On
>SetAllVolt	Set the voltage values for all outlets. >SetAllVolt [Param1] Param1 = 5,9,12,24 5: 5V 9: 9V 12: 12V 24: 24V	>SetAllVolt 5	<All Outlets Voltage Status 5V
>SetOutVolt	Set the voltage values for single outlet. >SetAllVolt [Param1][Param2] Param1 = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 Param2 = 5,9,12,24 5: 5V 9: 9V 12: 12V 24: 24V	>SetOutVolt 1: 24	<Outlet 1 Voltage Status 24V
>SetVoltOffset	Set the voltage step size. >SetVoltOffset [Param1]:[Param2] Param1 = 0-8 0: All 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 Param2 = 0,1,2 0-2 Depend On Different Voltage	>SetVoltOffset 1:1	<Outlet 1 Off <Outlet 1 Voltage Offset 1
>RsAllOutEle	Reset the metered values for all outlets.	>RsAllOutEle	<Clean Up Electrical Work: All Outlets
>RsOutEle	Reset the metered values for a outlet.	>RsOutEle 1	<Clean Up Electrical Work: Outlet 1

	>RsOutEle [Param1] [Param1] = 1-4 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8		
>GetSysTime	Get the time of the date and time of the system.	>GetSysTime	<GetSystemTime: 2023-05-11 02:47:16 Thu
>SetSysTime	Set the date and time for the device: >SetSysTime [Param1] [Param1] = year-month-day;hour-minutes-seconds	>SetSysTime 2025-03-18;11-26-59	<SetSystemTime: 2025-03-18 11:26:59
>SetSensor1/Sensor2Power	Set the on/off state of Sensor1/Sensor2 >Set [Param1] Power [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 0-1 0: Off 1: On	>SetSensor1Power 1 >SetSensor2Power 1	<Sensor1 Power On <Sensor2 Power On
>SetSensor1/Sensor2Protocols	Set Sensor1/Sensor2 protocol >Set [Param1] Protocols [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 1-5 1: 1-wire(wiring2,3,6) 2: I2C(wiring2,3,7,8) 3: Modbus-RTU-RS485(wiring1,2,4,5) 4: Door(wiring2,6) 5: Relay Switch(wiring1,2,6)	>SetSensor1Protocols 1 >SetSensor2Protocols 1	<Sensor1 Protocols 1-wire(wiring2,3,6) <Sensor2 Protocols 1-wire(wiring2,3,6)
>SetSensor1/Sensor2Type	Set Sensor1/Sensor2 type >Set [Param1] Type [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 1-7 1: Temperature 2: Humidity 3: Temperature And Humidity 4: Air Pressure 5: Other Data 6: Normally Open 7: Normally Close	>SetSensor1Type 1 >SetSensor2Type 1	<Sensor1 Type Temperature <Sensor2 Type Temperature
>SetSensor1/Sensor2Address	Set the data address for Sensor1/Sensor2 >Set [Param1] Address [Param2] [Param1] = Sensor1, Sensor2 [Param2] = [00-FF] or [0000:FFFF]	>SetSensor1Address 0E >SetSensor2Address 0E	<Sensor1 Data Address 0E <Sensor1 Data Address 0E
>SetSensor1/Sensor2MSAddress	Set the slave addresses of Sensor1/Sensor2 >Set [Param1] Msaddress [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 00-FF	>SetSensor1MSAddress 02 >SetSensor2MSAddress 02	<Sensor1 Slave Station Address 02 <Sensor2 Slave Station Address 02
>SetSensor1/Sensor2MFuncCode	Set Sensor1/Sensor2 function codes >Set [Param1] MFuncCode [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 03 or 04	>SetSensor1MFuncCode 03 >SetSensor2MFuncCode 03	<Sensor1 Function Code 03 <Sensor2 Function Code 03

>SetSensor1/Sensor2ValueMax	Set the maxmum value of Sensor1/Sensor2 >Set[Param1] ValueMax [Param2] [Param1] = Sensor1, Sensor2 [Param2] = [-9999, 9999]	>SetSensor1ValueMax 30 >SetSensor2ValueMax 30	<Sensor1 Max Value 30 <Sensor2 Max Value 30
>SetSensor1/Sensor2ValueMin	Set the minimum value of Sensor1/Sensor2 >Set[Param1] ValueMin [Param2] [Param1] = Sensor1, Sensor2 [Param2] = [-9999, 9998]	>SetSensor1ValueMin 20 >SetSensor2ValueMin 20	<Sensor1 Min Value 20 <Sensor2 Min Value 20
>SetSensor1/Sensor2Unit	Set Sensor1/Sensor2 units >Set [Param1] Unit [Param2] [Param1] = Sensor1, Sensor2 [Param2] = 1-3 1: ℃ 2: %RH 3: hPa	>SetSensor1Unit 1 >SetSensor2Unit 1	<Sensor1 Unit ℃ <Sensor2 Unit ℃
>SetSensor1/Sensor2Beeper	Set the buzzer switch for Sensor1/Sensor2 >Set [Param1] Beeper [Param2] [Param1] = Sensor1, Sensor2 [Param2] = On,Off	>SetSensor1Beeper On >SetSensor2Beeper On	<Sensor1 Beeper On <Sensor2 Beeper On
>SetSensor1/Sensor2OutletMode	Set the channel to respond to actions of Sensor1/Sensor2. >Set [Param1] OutletMode [Param2]:[Param3] [Param1] = Sensor1, Sensor2 [Param2] = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 [Param3] = 1-4 1: NoAction 2: Power On 3: Power Off 4: Restart	>SetSensor1OutletMode 1:2 >SetSensor2OutletMode 1:2	<Outlet 1 Response Sensor1 Mode Power On <Outlet 1 Response Sensor2 Mode Power On
>SetSensor1/Sensor2OutletTrigger	Set the trigger conditions for the channel response sensor >Set [Param1] OutletTrigger [Param2]:[Param3] [Param1] = Sensor1, Sensor2 [Param2] = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 [Param3] = 1-6 1: No Trigger 2: Max Trigger 3: Min Trigger 4: Min-Max	>SetSensor1OutletTrigger 1:2 >SetSensor2OutletTrigger 1:2	<Outlet 1 Response Sensor1 Trigger Max <Outlet 1 Response Sensor2 Trigger Max

	5: On 6: Off		
>SetSensor1/Sensor 2OutletDelay	Set the delay time for the channel to respond to the actions executed by Sensor1/Sensor2. >Set [Param1] OutletDelay [Param2]:[Param3] [Param1] = Sensor1, Sensor2 [Param2] = 1-8 1: Outlet1 2: Outlet2 3: Outlet3 4: Outlet4 5: Outlet5 6: Outlet6 7: Outlet7 8: Outlet8 [Param3] = 0-9999	>SetSensor1OutletDela y 1:10	<Outlet 1 Response Sensor1 Delay 10s
>GetSensor1/Sensor 2Current	Get the current value of Sensor1/Sensor2	>GetSensor1Current	<Get Sensor1 Current Temperature Value N/A
>GetNetTcp/Ip List	Get the current network IP	>GetNetTcp/Ip List	<List Current TCP/IP Address
>SetNetTcp/IpEnable	Enable/Disable the TCP/IP: >SetNetTcp/IpEnable [Param1] [Param1] = 1-2 1: TCP/IP1 2: TCP/IP2	>SetNetTcp/IpEnable 1 >SetNetTcp/IpEnable 2	<TCP/IP1 Enable <TCP/IP2 Enable
>SetNetTcp/Ip1Dhcp	Turn on/off the DHCP for TCP/IP1: >SetNetTcp/Ip1Dhcp [Param1] [Param1] = On,Off	>SetNetTcp/Ip1Dhcp On >SetNetTcp/Ip1Dhcp Off	<TCP/IP1 DHCP On <TCP/IP1 DHCP Off
>SetNetTcp/Ip1Ip	Set an IP address for TCP/IP1: >SetNetTcp/Ip1Ip [Param1] [Param1] = XXX.XXX.XXX.XXX	>SetNetTcp/Ip1Ip 192.168.000.001	<TCP/IP1 IP Address 192.168.000.001
>SetNetTcp/Ip1Gw	Set a gateway for TCP/IP1: >SetNetTcp/Ip1Gw [Param1] [Param1] = XXX.XXX.XXX.XXX	>SetNetTcp/Ip1Gw 192.168.000.254	<TCP/IP1 Gateway Address 192.168.000.254
>SetNetTcp/Ip1Sm	Set a subnet mask for TCP/IP1: >SetNetTcp/Ip1Sm [Param1] [Param1] = XXX.XXX.XXX.XXX	>SetNetTcp/Ip1Sm 192.168.000.254	<TCP/IP1 Subnet Mask 192.168.000.254
>SetNetTcp/Ip2Dhcp	Turn on/off the DHCP of TCP/IP2: >SetNetTcp/Ip2Dhcp [Param1] [Param1] = On,Off	>SetNetTcp/Ip2Dhcp On >SetNetTcp/Ip2Dhcp Off	<TCP/IP2 DHCP On <TCP/IP2 DHCP Off
>SetNetTcp/Ip2Ip	Set an IP address for TCP/IP2: >SetNetTcp/Ip2Ip [Param1] [Param1] = XXX.XXX.XXX.XXX	>SetNetTcp/Ip2Ip 192.168.000.001	<TCP/IP2 IP Address 192.168.000.001
>SetNetTcp/Ip2Gw	Set the gateway for TCP/IP2: >SetNetTcp/Ip2Gw [Param1] [Param1] = XXX.XXX.XXX.XXX	>SetNetTcp/Ip2Gw 192.168.000.254	<TCP/IP2 Gateway Address 192.168.000.254
>SetNetTcp/Ip2Sm	Set the subnet mask for TCP/IP2 >SetNetTcp/Ip2Sm [Param1] [Param1]	>SetNetTcp/Ip2Sm 192.168.000.254	<TCP/IP2 Subnet Mask 192.168.000.254
>SetNetMdns	Turn on/off the mDNS >SetNetMdns [Param1] [Param1] = On,Off	>SetNetMdns On >SetNetMdns Off	<mDNS On <mDNS Off
>SetNetRb	Reboot the IP service	>SetNetRb	<Network Reboot And Apply New Config
>FactoryReset	Factory Reset the device.	>FactoryReset	<FactoryReset
>Reboot	Restart the MCU	>Reboot	<Reboot
>Resta	All outlets restart	>Resta	<System Restart

Lindy regularnie sprawdza i testuje naszą gamę produktów, aby zapewnić maksymalną kompatybilność i wydajność. Najbardziej aktualną wersję niniejszej instrukcji można znaleźć na lokalnej stronie internetowej Lindy, wyszukując odpowiedni numer części i znajdując instrukcję w sekcji Pliki do pobrania.

Recycling Information

WEEE (Waste of Electrical and Electronic Equipment), Recycling of Electronic Products

Europe, United Kingdom

In 2006 the European Union introduced regulations (WEEE) for the collection and recycling of all waste electrical and electronic equipment. It is no longer allowable to simply throw away electrical and electronic equipment. Instead, these products must enter the recycling process. Each individual EU member state, as well as the UK, has implemented the WEEE regulations into national law in slightly different ways. Please follow your national law when you want to dispose of any electrical or electronic products. More details can be obtained from your national WEEE recycling agency.

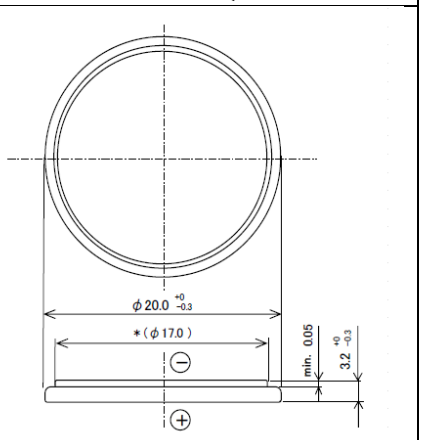
Battery Information

The following batteries or accumulators are included in this electrical appliance

Battery Quantity and Type	Chemical System
1x CR2032	Coin Cell Lithium Metal

Product and Identification

Product Name: Li-Mn Battery CR2032
Manufacturer: Panasonic
Address: Indonesia
Date of Manufacture:

Nominal Voltage	3V	**Dimensions/QR code**
Impedance	20Ω	
Typical weight	2.8g	
Typical Volume	1cm³	
Terminals	Stainless steel / Ni plating	
Storage Temperature range	5°C~35°C	
Operating Temperature range	-30°C to 85°C	
Capacity	225mAh	
Minimum Average Operating Time	non-rechargeable portable batteries bear a label indicating their minimum average operating time when used in certain applications and a label stating "**non-rechargeable**".	

COMPOSITION AND INGREDIENTS

The chemicals and metals in this product are contained in a sealed can. Exposure to the contents will not occur unless the battery leaks, is exposed to high temperatures or is mechanically, physically, or electrically abused.

Chemical Name	Approximate weight	CAS No	EC
As mentioned in the MSDS	≤0.3g	212400903128330	D240001

HAZARDS IDENTIFICATION

General Battery Safety

Your device uses disposable or rechargeable batteries. Misuse of these batteries can result in injury, death, property damage, or damage to your device or its accessories due to battery fluid leakage, fire, overheating, or explosion. Battery fluid is corrosive, toxic, and can cause burns or serious harm if ingested.

To Reduce the Risk of Injury:

- **Keep batteries out of reach of children.**
- **Use the correct charger:** Rechargeable batteries should only be charged with the charger provided or recommended for your device. Improper charging can result in fire or explosion.
- **Replace old or worn batteries promptly:** Dispose of them responsibly, following local regulations.
- **Remove batteries during long-term storage:** Store your device without batteries to avoid leakage.
- **Avoid contact with battery fluid:** If a battery leaks, ensure the fluid does not contact skin, eyes, or clothes. In case of contact, rinse thoroughly with water and seek medical advice if needed. Clean the battery compartment before inserting new batteries.

Recycling Information

HANDLING AND USAGE TIPS:

- Use only LINDY-approved battery packs or batteries of the same type and rating.
- Do not disassemble, crush, puncture, or expose batteries to temperatures above 40°C (104°F).
- Avoid mixing old and new batteries or different types (e.g., carbon-zinc and alkaline).
- Prevent metal objects from touching battery terminals to avoid burns.
- Do not immerse batteries in water or expose them to fire.
- Do not use a wet battery or attempt to dry it with heat sources like hair dryers or ovens.
- Handle batteries carefully to prevent physical damage or short circuits.
- Discard damaged batteries safely.

WARNING: Safety for Non-User-Replaceable Batteries

Improper handling of your device's non-removable battery can lead to fire or explosion:

- Do not heat, open, puncture, or dispose of the device or its battery in fire.
- Avoid charging the device in direct sunlight for extended periods.

For repairs, consult professionals. Attempting repairs can cause electric shock, device damage, or personal injury.

WARNING: Safety for User-Replaceable Batteries

If your device has a user-replaceable battery:

- Follow the instructions in the Quick Start Guide to replace the battery.
- Seek professional assistance for other repairs to avoid risks like electric shock or device damage.

WARNING: Coin Cell/Button Battery Safety

CHEMICAL BURN HAZARD. KEEP OUT OF REACH OF CHILDREN.

Swallowing coin/button batteries can cause severe internal injuries or death within hours. If you suspect ingestion or insertion, seek immediate medical attention. Always keep new and used batteries out of children's reach.

CAUTION: Batteries can explode or leak, causing burns if: recharged improperly, disposed of in fire, mixed with different battery types or inserted backward. Replace all batteries at the same time. Do not carry loose batteries or remove battery labels.

FIRST AID INFORMATION

Ingestion: Do not induce vomiting. Seek medical attention immediately.
Eye Contact: Flush with water for 15 minutes and seek medical help if irritation persists.
Skin Contact: Wash with soap and water. Seek medical attention if irritation continues.
Inhalation: Move to fresh air. Seek medical advice if symptoms persist.

FIRE FIGHTING MEASURES

Hazards During Combustion: Batteries can release toxic fumes like carbon monoxide and other harmful substances. Avoid inhalation.
Extinguishing Media: Use Class "D" fire extinguishers, lith-x, copper powder, or dry sand for battery fires. For adjacent fires involving packaged cells, water or CO_2 may be used. Avoid water for bulk unpacked cells.
Firefighters should wear self-contained breathing apparatus.

HANDLING AND STORAGE

Precautions: Handle batteries carefully to avoid damage that could lead to short circuits, leakage, or explosions.
Storage: Keep batteries in a cool, dry, and well-ventilated area.

INSTRUCTIONS for Battery Use, Removal, and Replacement

Read specifications carefully before use. Improper handling of lithium batteries can lead to failure, including leakage, overheating, fire, or explosion. Follow all instructions for safe battery use, removal, and replacement to avoid injury or device damage.

Information on the safe removal of batteries or accumulators

The (rechargeable) battery cannot be removed from this device. Make sure it is completely drained before you hand the device to your collection system for waste electronic equipment.

Recycling Information



Germany / Deutschland Elektro- und Elektronikgeräte
Informationen für private Haushalte sowie gewerbliche Endverbraucher
Hersteller-Informationen gemäß § 18 Abs. 4 ElektroG (Deutschland)
Das Elektro- und Elektronikgerätegesetz (ElektroG) enthält eine Vielzahl von Anforderungen an den Umgang mit Elektro- und Elektronikgeräten. Die wichtigsten sind hier zusammengestellt.

1. Bedeutung des Symbols „durchgestrichene Mülltonne“



Das auf Elektro- und Elektronikgeräten regelmäßig abgebildete Symbol einer durchgestrichenen Mülltonne weist darauf hin, dass das jeweilige Gerät am Ende seiner Lebensdauer getrennt vom unsortierten Siedlungsabfall zu erfassen ist.

2. Getrennte Erfassung von Altgeräten

Elektro- und Elektronikgeräte, die zu Abfall geworden sind, werden als Altgeräte bezeichnet. Besitzer von Altgeräten haben diese einer vom unsortierten Siedlungsabfall getrennten Erfassung zuzuführen. Altgeräte gehören insbesondere nicht in den Hausmüll, sondern in spezielle Sammel- und Rückgabesysteme.

3. Batterien und Akkus sowie Lampen

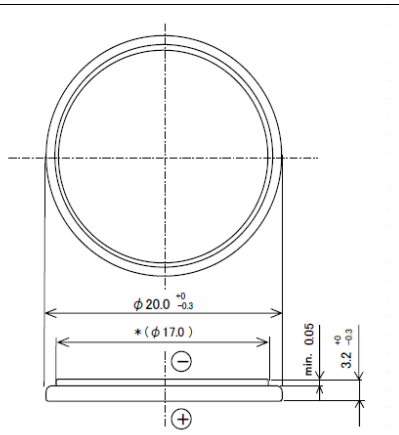
Besitzer von Altgeräten haben Altbatterien und Altakkumulatoren, die nicht vom Altgerät umschlossen sind, sowie Lampen, die zerstörungsfrei aus dem Altgerät entnommen werden können, im Regelfall vor der Abgabe an einer Erfassungsstelle vom Altgerät zu trennen. Dies gilt nicht, soweit Altgeräte einer Vorbereitung zur Wiederverwendung unter Beteiligung eines öffentlich-rechtlichen Entsorgungsträgers zugeführt werden.

Informationen zur Batterie
Die folgenden Batterien oder Akkumulatoren sind in diesem Elektrogerät enthalten

Anzahl und Typ der Batterien	Chemisches System
1x CR2032	Coin Cell Lithium Metal

Produkt und Kennzeichnung
Produktname: Li-Mn-Batterie CR2032
Hersteller: Panasonic
Adresse: Indonesia
Datum der Herstellung:

Recycling Information

Nennspannung	3V	**Dimensions/QR code**
Impedanz	20Ω	
Typisches Gewicht	2.8g	
Typisches Volumen	1cm³	
Anschlussklemmen	Stainless steel / Ni plating	
Lagertemperaturbereich	5°C~35°C	
Betriebstemperaturbereich	-30°C to 85°C	
Kapazität	225mAh	
Minimale durchschnittliche Betriebsdauer	non-rechargeable portable batteries bear a label indicating their minimum average operating time when used in certain applications and a label stating "**non-rechargeable**".	

ZUSAMMENSETZUNG UND INHALTSSTOFFE

Die Chemikalien und Metalle in diesem Produkt sind in einer versiegelten Dose enthalten. Eine Exposition gegenüber dem Inhalt erfolgt nur dann, wenn die Batterie ausläuft, hohen Temperaturen ausgesetzt wird oder mechanisch, physisch oder elektrisch missbraucht wird.

Chemical Name	Approximate weight	CAS No	EC
As mentioned in the MSDS	≤0.3g	212400903128330	D240001

IDENTIFIZIERUNG VON GEFAHREN

Allgemeine Batteriesicherheit

Ihr Gerät verwendet Einwegbatterien oder wiederaufladbare Batterien. Die falsche Verwendung dieser Batterien kann zu Verletzungen, Tod, Sachschäden oder Schäden an Ihrem Gerät oder dessen Zubehör durch Auslaufen der Batterieflüssigkeit, Feuer, Überhitzung oder Explosion führen. Die Batterieflüssigkeit ist ätzend und giftig und kann bei Verschlucken zu Verbrennungen oder schweren Schäden führen.

So verringern Sie das Verletzungsrisiko:

- **Bewahren Sie die Batterien außerhalb der Reichweite von Kindern auf**.
- **Verwenden Sie das richtige Ladegerät**: Wiederaufladbare Batterien sollten nur mit dem mitgelieferten oder dem für Ihr Gerät empfohlenen Ladegerät aufgeladen werden. Unsachgemäßes Aufladen kann zu Bränden oder Explosionen führen.
- **Ersetzen Sie alte oder verbrauchte Akkus umgehend**: Entsorgen Sie sie verantwortungsbewusst und entsprechend den örtlichen Vorschriften.
- **Entfernen Sie die Batterien bei langfristiger Lagerung**: Lagern Sie Ihr Gerät ohne Batterien, um ein Auslaufen zu vermeiden.
- **Vermeiden Sie den Kontakt mit Batterieflüssigkeit**: Wenn eine Batterie ausläuft, achten Sie darauf, dass die Flüssigkeit nicht mit Haut, Augen oder Kleidung in Berührung kommt. Im Falle eines Kontakts spülen Sie das Gerät gründlich mit Wasser ab und suchen Sie gegebenenfalls einen Arzt auf. Reinigen Sie das Batteriefach, bevor Sie neue Batterien einlegen.

TIPPS ZUR HANDHABUNG UND VERWENDUNG:

- Verwenden Sie nur von LINDY zugelassene Akkus oder Akkus desselben Typs und derselben Leistung.
- Zerlegen Sie die Batterien nicht, zerdrücken Sie sie nicht, durchstechen Sie sie nicht und setzen Sie sie keinen Temperaturen über 40°C aus.
- Vermeiden Sie es, alte und neue Batterien oder verschiedene Typen (z. B. Zink-Kohle-Batterien und Alkalibatterien) zu mischen.
- Vermeiden Sie es, dass Metallgegenstände die Batteriepole berühren, um Verbrennungen zu vermeiden.
- Tauchen Sie Batterien nicht in Wasser ein und setzen Sie sie nicht dem Feuer aus.
- Verwenden Sie keine nassen Batterien und versuchen Sie nicht, sie mit Wärmequellen wie Haartrocknern oder Öfen zu trocknen.
- Behandeln Sie Batterien vorsichtig, um physische Schäden oder Kurzschlüsse zu vermeiden.
- Entsorgen Sie beschädigte Batterien sicher.

WARNUNG: Sicherheit für nicht vom Benutzer austauschbare Akkus

Der unsachgemäße Umgang mit der nicht austauschbaren Batterie Ihres Geräts kann zu einem Brand oder einer Explosion führen:

- Erhitzen Sie das Gerät oder den Akku nicht, öffnen Sie ihn nicht, durchstechen Sie ihn nicht und entsorgen Sie ihn nicht im Feuer.

Recycling Information

- Vermeiden Sie es, das Gerät über einen längeren Zeitraum in direktem Sonnenlicht aufzuladen.

Wenden Sie sich für Reparaturen an Fachleute. Reparaturversuche können zu Stromschlägen, Geräteschäden oder Verletzungen führen.

WARNUNG: Sicherheit bei vom Benutzer austauschbaren Batterien
Wenn Ihr Gerät über eine vom Benutzer austauschbare Batterie verfügt:

- Befolgen Sie die Anweisungen in der Schnellstartanleitung, um die Batterie zu ersetzen.
- Wenden Sie sich bei anderen Reparaturen an einen Fachmann, um Risiken wie Stromschlag oder Geräteschäden zu vermeiden.

WARNUNG: Sicherheit bei Knopfzellen-/Knopfbatterien
VERÄTZUNGSGEFAHR. AUSSERHALB DER REICHWEITE VON KINDERN AUFBEWAHREN.
Das Verschlucken von Knopfzellen-/Knopfbatterien kann innerhalb weniger Stunden zu schweren inneren Verletzungen oder zum Tod führen. Suchen Sie bei Verdacht auf Verschlucken oder Einstecken sofort einen Arzt auf. Bewahren Sie neue und gebrauchte Batterien immer außerhalb der Reichweite von Kindern auf.

VORSICHT: Batterien können explodieren oder auslaufen und Verbrennungen verursachen, wenn sie unsachgemäß aufgeladen, ins Feuer geworfen, mit anderen Batterietypen gemischt oder verkehrt herum eingelegt werden. Ersetzen Sie alle Batterien zur gleichen Zeit. Tragen Sie keine losen Batterien bei sich und entfernen Sie keine Batterieetiketten.

ERSTE-HILFE-INFORMATIONEN
Verschlucken: Kein Erbrechen herbeiführen. Sofort ärztliche Hilfe in Anspruch nehmen.
Augenkontakt: 15 Minuten lang mit Wasser spülen und bei anhaltender Reizung ärztliche Hilfe in Anspruch nehmen.
Hautkontakt: Mit Wasser und Seife waschen. Bei anhaltender Reizung ärztliche Hilfe in Anspruch nehmen.
Einatmen: An die frische Luft bringen. Bei anhaltenden Symptomen ärztlichen Rat einholen.

MASSNAHMEN ZUR BRANDBEKÄMPFUNG
Gefahren bei Verbrennung: Batterien können giftige Dämpfe wie Kohlenmonoxid und andere Schadstoffe freisetzen. Einatmen vermeiden.
Feuerlöschmittel: Verwenden Sie bei Batteriebränden Feuerlöscher der Klasse „D“, Lith-x, Kupferpulver oder trockenen Sand. Bei benachbarten Bränden von verpackten Zellen kann Wasser oder CO_2 verwendet werden. Vermeiden Sie Wasser für unverpackte Zellen.
Die Feuerwehrleute sollten umluftunabhängige Atemschutzgeräte tragen.

HANDHABUNG UND LAGERUNG
Vorsichtsmaßnahmen: Behandeln Sie Batterien vorsichtig, um Schäden zu vermeiden, die zu Kurzschlüssen, Auslaufen oder Explosionen führen könnten.
Lagerung: Bewahren Sie die Batterien in einem kühlen, trockenen und gut belüfteten Bereich auf.

ANWEISUNGEN für die Verwendung, das Entfernen und das Ersetzen von Batterien
Lesen Sie die technischen Daten vor dem Gebrauch sorgfältig durch. Unsachgemäßer Umgang mit Lithiumbatterien kann zu Fehlfunktionen wie Auslaufen, Überhitzung, Brand oder Explosion führen. Befolgen Sie alle Anweisungen zur sicheren Verwendung, Entnahme und zum Austausch der Batterien, um Verletzungen oder Geräteschäden zu vermeiden.

<u>Angaben zur sicheren Entnahme der Batterien oder der Akkumulatoren</u>

Die (wiederaufladbare) Batterie kann dem Gerät nicht entnommen werden. Stellen Sie sicher, dass sie entladen ist bevor Sie das Gerät dem Sammelsystem für Elektroaltgeräte zuführen.

4. Möglichkeiten der Rückgabe von Altgeräten
Besitzer von Altgeräten aus privaten Haushalten können diese bei den Sammelstellen der öffentlich-rechtlichen Entsorgungsträger oder bei den von Herstellern oder Vertreibern im Sinne des ElektroG eingerichteten Rücknahmestellen unentgeltlich abgeben.
Rücknahmepflichtig sind Geschäfte mit einer Verkaufsfläche von mindestens 400 m² für Elektro- und Elektronikgeräte sowie diejenigen Lebensmittelgeschäfte mit einer Gesamtverkaufsfläche von mindestens 800 m², die mehrmals pro Jahr oder dauerhaft Elektro- und Elektronikgeräte anbieten und auf dem Markt bereitstellen. Dies gilt auch bei Vertrieb unter Verwendung von Fernkommunikationsmitteln, wenn die Lager- und Versandflächen für Elektro- und Elektronikgeräte mindestens 400 m² betragen oder die gesamten Lager- und Versandflächen mindestens 800m² betragen. Vertreiber haben die Rücknahme grundsätzlich durch geeignete Rückgabemöglichkeiten in zumutbarer Entfernung zum jeweiligen Endnutzer zu gewährleisten.
Die Möglichkeit der unentgeltlichen Rückgabe eines Altgerätes besteht bei rücknahmepflichtigen Vertreibern unter anderem dann, wenn ein neues gleichartiges Gerät, das im Wesentlichen die gleichen Funktionen erfüllt, an einen

Endnutzer abgegeben wird. Wenn ein neues Gerät an einen privaten Haushalt ausgeliefert wird, kann das gleichartige Altgerät auch dort zur unentgeltlichen Abholung übergeben werden; dies gilt bei einem Vertrieb unter Verwendung von Fernkommunikationsmitteln für Geräte der Kategorien 1, 2 oder 4 gemäß § 2 Abs. 1 ElektroG, nämlich „Wärmeüberträger“, „Bildschirmgeräte“ oder „Großgeräte“ (letztere mit mindestens einer äußeren Abmessung über 50 Zentimeter). Zu einer entsprechenden Rückgabe-Absicht werden Endnutzer beim Abschluss eines Kaufvertrages befragt. Außerdem besteht die Möglichkeit der unentgeltlichen Rückgabe bei Sammelstellen der Vertreiber unabhängig vom Kauf eines neuen Gerätes für solche Altgeräte, die in keiner äußeren Abmessung größer als 25 Zentimeter sind, und zwar beschränkt auf drei Altgeräte pro Geräteart.

5. Datenschutz-Hinweis

Altgeräte enthalten häufig sensible personenbezogene Daten. Dies gilt insbesondere für Geräte der Informations- und Telekommunikationstechnik wie Computer und Smartphones. Bitte beachten Sie in Ihrem eigenen Interesse, dass für die Löschung der Daten auf den zu entsorgenden Altgeräten jeder Endnutzer selbst verantwortlich ist.

France

En 2006, l'union Européenne a introduit la nouvelle réglementation (DEEE) pour le recyclage de tout équipement électrique et électronique. Chaque Etat membre de l’Union Européenne a mis en application la nouvelle réglementation DEEE de manières légèrement différentes. Veuillez suivre le décret d’application correspondant à l’élimination des déchets électriques ou électroniques de votre pays.

Italy

Nel 2006 l’unione europea ha introdotto regolamentazioni (WEEE) per la raccolta e il riciclo di apparecchi elettrici ed elettronici. Non è più consentito semplicemente gettare queste apparecchiature, devono essere riciclate. Ogni stato membro dell’EU ha tramutato le direttive WEEE in leggi statali in varie misure. Fare riferimento alle leggi del proprio Stato quando si dispone di un apparecchio elettrico o elettronico. Per ulteriori dettagli fare riferimento alla direttiva WEEE sul riciclaggio del proprio Stato.

España

En 2006, la Unión Europea introdujo regulaciones (WEEE) para la recolección y reciclaje de todos los residuos de aparatos eléctricos y electrónicos. Ya no está permitido simplemente tirar los equipos eléctricos y electrónicos. En cambio, estos productos deben entrar en el proceso de reciclaje. Cada estado miembro de la UE ha implementado las regulaciones de WEEE en la legislación nacional de manera ligeramente diferente. Por favor, siga su legislación nacional cuando desee deshacerse de cualquier producto eléctrico o electrónico. Se pueden obtener más detalles en su agencia nacional de reciclaje de WEEE.

Polska

W 2006 roku Unia Europejska wprowadziła przepisy (WEEE) dotyczące zbierania i recyklingu wszystkich zużytych urządzeń elektrycznych i elektronicznych. Nie można już po prostu wyrzucać sprzętu elektrycznego i elektronicznego. Zamiast tego produkty te muszą zostać wprowadzone do procesu recyklingu. Każde państwo członkowskie UE, a także Wielka Brytania, wdrożyły przepisy DOTYCZĄCE WEEE do prawa krajowego w nieco inny sposób. Przestrzegaj prawa krajowego, gdy chcesz pozbyć się jakichkolwiek produktów elektrycznych lub elektronicznych. Więcej szczegółów można uzyskać w krajowej agencji recyklingu WEEE.

CE/FCC Statement

CE Certification
LINDY declares that this equipment complies with relevant European CE requirements.

CE Konformitätserklärung
LINDY erklärt, dass dieses Equipment den europäischen CE-Anforderungen entspricht

UKCA Certification
LINDY declares that this equipment complies with relevant UKCA requirements.

FCC Certification
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
You are cautioned that changes or modification not expressly approved by the party responsible for compliance could void your authority to operate the equipment.
This device complies with part 15 of the FCC Rules.
Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

The enclosed power supply has passed Safety test requirements, conforming to the US American versions of the international Standard IEC 62368-1.

LINDY Herstellergarantie – Hinweis für Kunden in Deutschland
LINDY gewährt für dieses Produkt über die gesetzliche Regelung in Deutschland hinaus eine zweijährige Herstellergarantie ab Kaufdatum. Die detaillierten Bedingungen dieser Garantie finden Sie auf der LINDY Website aufgelistet bei den AGBs.

Statement of PSTI Compliance
This product has been designed in conformance with the applicable security requirements of the following UK Legislation: Product Security and Telecommunications Infrastructure Act 2022 and Schedule 1 of The Product Security and Telecommunications Infrastructure (Security Requirements for Relevant Connectable Products) Regulations 2023.
The product is in conformity with the following Security requirements:

1. Password is unique per device or defined by the user of the device, and the password which is unique per device is generated by using as security mechanism that reduces the risk of automated attacks against a class or type of device.
2. Users can report vulnerabilities to LINDY via productsecurity@lindy.co.uk, furthermore, users will receive acknowledgment of the receipt of a security issues report and status updates until the resolution of the reported security issues.
3. We will provide security updates and patches to address any security vulnerabilities that may be identified in the product during the support period. The defined support period will end on May 2030 after the product's last end-of-life date.

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Tested to comply with
FCC standards.
For home and office use.

No. 32616
1st Edition, October 2026
lindy.com

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