

Part No. **38139**

70M CAT.6 HDMI 4K30, IR & RS-232 HDBASET EXTENDER WITH POC

EXTEND HDMI RESOLUTIONS UP TO 70M VIA HDBASET



DESCRIPTION

Distributes HDMI resolutions up to 70m over Cat.6 network cable via HDBaseT technology
 Supports HDMI 10.2G resolutions up to 4K@30Hz 4:4:4
 CEC pass-through and bi-directional IR for simple control
 Supports PoC (Power over Cable), requiring a power supply connection from only one side of the installation
 2 year warranty

The Lindy 70m Cat.6 HDMI & IR HDBaseT Extender with PoC is an end to end solution for extending HDMI signals over long distances via Cat.6 network cable.

The following distance and resolution combinations are possible when using high quality Cat.6 U/UTP or F/UTP cable:

70m: 1920x1080@60Hz 4:4:4 8bit
 40m: 3840x2160@30Hz 4:4:4 8bit

Supporting resolutions up to 4K Ultra HD, video can be viewed in stunning clarity, providing a reliable solution for creating eye-catching digital signage in retail, immersive displays at events or engaging setups in larger conference rooms or lectures halls.

PoC (Power over Cable) functionality provides additional flexibility. This allows power to be supplied alongside data through Cat.6 network cable in a point to point connection between the transmitter and receiver, meaning only a single power supply is required at the transmitter unit. Ideal when power outlets are limited at the receiver end of the installation.

Featuring bi-directional IR ports at both sides of the setup, the source equipment can be easily controlled from the display side, and the display can also be controlled from the HDMI source side. Combined with CEC control, which allows commands from one main remote, this extension system allows for complete and simple control for the user. RS-232 pass-through also allows for integration into larger control systems.

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RELATED PRODUCTS

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SPECIFICATIONS

AV Interface	HDMI
Interface Standard	HDMI 2.0
Supported Bandwidth	10.2Gbps
Maximum Distance	70m (229.66ft)
Maximum Resolution	3840x2160@30Hz 4:4:4 8bit
HDCP Support	Pass-through
EDID Pass Through	Pass-through
Supported Audio	Pass-through

Separate Audio Ports	-
IR Support	20-60kHz
CEC Support	Pass-Through
Serial Interface	RS-232
Transmission Protocol	HDBaseT
Transmission Medium	1 x Cat.5e/6

Laser Class (only for Fibre)	-
Wavelength (only for Fibre)	-
Chipset	VS010
Special Features	PoC (Power over Cat.6)

PHYSICAL PROPERTIES

Dimensions (approx.) WxDxH	65x115x17mm (2.56x4.53x0.67in) per unit
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Housing Material	Metal
Net Weight	0.2kg (0.44lb) per unit
Operating Temperature	0°C - 40°C (32°F - 104°F)
Storage Temperature	-20°C - 60°C (-4°F - 140°F)
Humidity	20-90% RH (non-condensing)
Power Requirements	24VDC 1A
Colour	Black

CONNECTORS

Transmitter Input	HDMI (Female), IR (Female)
Transmitter Output	RJ45 (Female), IR (Female)
Receiver Input	RJ45 (Female), IR Female
Receiver Output	HDMI (Female), IR (Female)
Bi-directional Ports	RS-232
Power	5.5/2.1mm DC socket

MISCELLANEOUS

Packaging Type	Carton box
Packaging Dimension	193x191x69mm (7.6x7.52x2.72in)
Gross Weight	0.84kg (1.85lb)
Warranty (Years)	2
Certificated	CE, UKCA, FCC, RoHS, REACH & California Proposition 65

PURCHASING INFORMATION

No.	38139
EAN	4002888381390

PACKAGING CONTENTS

Transmitter unit
Receiver unit
2 x IR emitter cable
2 x IR receiver cable
Mounting kit
Multi-Country Power Supply (EU, UK, US & AUS)
Lindy manual

