

Part No **38139**

70M C6 HDBASET HDMI & IR EXTENDER WITH POC



DESCRIPTION

Extends HDMI & IR signals up to 70m via its HDBaseT connection
 Supports resolutions up to 4K@60Hz 4:2:0
 Power over Cat.6 cable allows a single power supply to power the Transmitter and Receiver
 Bi-directional IR control of AV display and source equipment
 2 Year Warranty

Please Note: The quoted lengths and resolutions are possible with a direct connection between Transmitter and Receiver using good quality Cat.6 solid core cable. Using a different cable type, or introducing wall plates, couplers or patch panels will result in a reduction of possible distances.

The Lindy Cat.6 HDMI Extender with HDBaseT Technology supports uncompressed HDMI signal transmission for resolutions up to Ultra HD 4K 60Hz, making it ideal for use in Home Cinema, Professional AV and Digital Signage applications. In addition to extending HDMI signals the extender also supports the extension of bi-directional IR signals, allowing you to control connected AV equipment such as a source or display from either end of the installation.

Using a Cat.6 UUTP sold core cable with direct connection the following resolution/distance combinations are possible:

Full HD 1080p 60Hz [4:4:4 up to 16bpc] including 3D up to 70m
 Ultra HD 4K 60Hz [4:2:0 8bpc] or 4K 24/30Hz [4:4:4 8bpc] up to 40m

For added convenience the extender also supports PoC [Power over Cable] functionality, the supply of power and data signals over Cat.6 cable on a point to point connection between the transmitter and receiver, also brings additional flexibility as only one power supply is required at the transmitter unit, ideal when power outlets are limited at the receiver end of the installation and making the extender ideal for discreet and retrofit installations. The power supply is connected via a screw type DC jack, providing a secure and reliable connection, ideal for installations where accidental disconnections could occur.

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RELATED PRODUCTS

N/A

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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@60Hz 4:2:0 8bit
HDCP Support	Pass-through
EDID Pass Through	Pass-through
Supported Audio	Pass-through
Separate Audio Ports	-
IR Support	30-60kHz
CEC Support	Pass-Through
Serial Interface	-
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	65x100x25mm (2.56x3.94x0.98in) per unit
Housing Material	Metal
Net Weight	0.31kg (0.68lb) 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	-
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, FCC, RoHS & REACH

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