

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.

HDBaseT™ and the HDBaseT Alliance logo are trademarks of the HDBaseT Alliance.

### RELATED PRODUCTS

N/A

# 70M C6 HDBASET HDMI & IR EXTENDER WITH POC

## SPECIFICATIONS

<b>AV Interface</b>	HDMI
<b>Interface Standard</b>	HDMI 2.0
<b>Supported Bandwidth</b>	10.2Gbps
<b>Maximum Distance</b>	70m (229.66ft)
<b>Maximum Resolution</b>	3840x2160@60Hz 4:2:0 8bit
<b>HDCP Support</b>	Pass-through
<b>EDID Pass Through</b>	Pass-through
<b>Supported Audio</b>	Pass-through
<b>Separate Audio Ports</b>	-
<b>IR Support</b>	30-60kHz
<b>CEC Support</b>	Pass-Through
<b>Serial Interface</b>	-
<b>Transmission Protocol</b>	HDBaseT
<b>Transmission Medium</b>	1 x Cat.5e/6
<b>Laser Class (only for Fibre)</b>	-
<b>Wavelength (only for Fibre)</b>	-
<b>Chipset</b>	VS010
<b>Special Features</b>	PoC (Power over Cat.6)

## PHYSICAL PROPERTIES

<b>Dimensions (approx.) WxDxH</b>	65x100x25mm (2.56x3.94x0.98in) per unit
<b>Housing Material</b>	Metal
<b>Net Weight</b>	0.31kg (0.68lb) per unit
<b>Operating Temperature</b>	0°C - 40°C (32°F - 104°F)
<b>Storage Temperature</b>	-20°C - 60°C (-4°F - 140°F)
<b>Humidity</b>	20-90% RH (non-condensing)
<b>Power Requirements</b>	24VDC 1A
<b>Colour</b>	Black

## CONNECTORS

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

## MISCELLANEOUS

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

## PURCHASING INFORMATION

<b>No.</b>	38139
<b>EAN</b>	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