

Part No. **38217**

# 150M CAT.6 HDMI 4K60, IR & RS-232 HDBASET EXTENDER

## EXTEND HDMI RESOLUTIONS UP TO 150M VIA HDBASET



### DESCRIPTION

Distributes HDMI resolutions up to 150m over Cat.6 network cable via HDBaseT & Long Reach technology  
 Supports HDMI 1.8G resolutions up to 4K 3840x2160@60Hz 4:4:4, with additional support for HDR  
 RS-232, 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 C6 HDBaseT HDMI 1.8G & IR Extender is a complete high performance solution for extending HDMI signals over long distances via Cat.6 network cable. Combined this extender provides high quality content distribution up to distances of 150m.

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

150m (492.12ft) - 1280x720@60Hz via Long Reach Mode  
 100m (328.08ft) - 3840x2160@30Hz 4:4:4 8bit  
 70m (229.66ft) - 3840x2160@60Hz 4:4:4 8bit

Supporting resolutions up to 4K UHD 3840x2160@60Hz, video can be viewed in stunning clarity, while additional support for HDR (High Dynamic Range) allows content to be displayed with enhanced brightness, greater contrasts of blacks and whites and a much wider colour gamut. This provides 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. An HDMI loop out port provides additional capability for connecting a local display for monitoring of the video content in security or close-range distribution in residential installs, while simultaneously extending the signal to the receiver.

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.

Terminal blocks allows for pass-through of RS-232 commands when integrated into control systems.

HDBaset is a globally recognised standard for high quality distribution of AV content and other technologies, including power and control, over longer distances via low cost Cat.6 or above cable.

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

### RELATED PRODUCTS

0

# 150M CAT.6 HDMI 4K60, IR & RS-232 HDBASET EXTENDER

## SPECIFICATIONS

<b>AV Interface</b>	HDMI
<b>Interface Standard</b>	HDMI 2.0
<b>Supported Bandwidth</b>	18 Gbps
<b>Maximum Distance</b>	70m (229.66ft) - 3840x2160@60Hz 4:4:4 8bit 100m (328.08ft) - 3840x2160@30Hz 4:4:4 8bit 3840x2160@60Hz 4:4:4 8bit
<b>Maximum Resolution</b>	3840x2160@60Hz 4:4:4 8bit
<b>HDCP Support</b>	2.2
<b>EDID Pass Through</b>	Pass-through
<b>Supported Audio</b>	HDMI Audio Pass-through

<b>Separate Audio Ports</b>	-
<b>IR Support</b>	20KHz - 60KHz
<b>CEC Support</b>	Pass-through
<b>Serial Interface</b>	RS-232 (Bi-directional)
<b>Transmission Protocol</b>	HDBaseT
<b>Transmission Medium</b>	1 x Cat.6

<b>Laser Class (only for Fibre)</b>	-
<b>Wavelength (only for Fibre)</b>	-
<b>Chipset</b>	VS010-A0
<b>Special Features</b>	HDMI Loop Out Port PoC (Power over Cat.6)

## PHYSICAL PROPERTIES

<b>Dimensions (approx.) WxDxH</b>	140x65x18mm (5.51x2.56x0.71in)
<b>Housing Material</b>	Metal
<b>Net Weight</b>	0.472kg (1.04lb) 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 Type A (Female), IR (Female)
<b>Transmitter Output</b>	HDMI Type A (Female) RJ-45 (Female) RJ-45 (Female)
<b>Receiver Input</b>	HDMI Type A (Female) RJ-45 (Female)
<b>Receiver Output</b>	HDMI Type A (Female) 3.5mm (Female)
<b>Bi-directional Ports</b>	RS-232 (Female)
<b>Power</b>	5.5/2.1mm

## MISCELLANEOUS

<b>Packaging Type</b>	Carton Box
<b>Packaging Dimension</b>	245x75x185mm (9.65x2.95x7.28in)
<b>Gross Weight</b>	1.45kg (3.2lb)
<b>Warranty (Years)</b>	2
<b>Certificated</b>	CE, UKCA, FCC, RoHS, REACH & California Proposition 65

## PURCHASING INFORMATION

<b>No.</b>	38217
<b>EAN</b>	4002888382175

## PACKAGING CONTENTS

HDBaseT HDMI Extender, Transmitter  
HDBaseT HDMI Extender, Receiver  
IR Emitter Cable, 1.5m  
IR Receiver Cable, 1.5m  
4 x Mounting Ears  
2 x 3-Pin Terminal Block  
Multi-country Power Supply (UK, EU, US & AUS)  
Lindy Manual