

LOW PROFILE 4K HDBASET EXTENDER SET WITH 2-WAY IR, RS232 AND POH (4K: 35M/115FT – 1080P: 70M/230FT)

EX-35-4K



KEY FEATURES:

- Extender set capable of HDMI transmissions using single cable Cat5e/6 cable
 - 35m/115ft: 3840 (UDH), 4096 (DCI) 2160 video/24bit True Color@30Hz with 4K chroma subsampling color palette 4:2:2
 - 70m/230ft: 1920x1080p HD video/36bit Deep Colour@60Hz
- Class B HDBaseT transmission supports all high definition resolutions up to 4K with multichannel audio and one-way PoH
- HDMI 1.4v with HDCP and full 3D compatibility up to 1080p

Ultra slim, Ultra High Definition 4K Class B HDBaseT extender set supporting HD video, HD audio, power, two-way control via IR & RS232 over a single Cat5e/6 cable for a perfect balance of affordability and HDBaseT with 4K functionality.

ADDITIONAL FEATURES & BENEFITS:

- Low profile chassis of 15mm / 0.6" for more convenient installation behind screens
- Supports all high definition resolutions: 4K, 1080p, 1080i, 720p with screen refresh rates support of 24Hz, 30Hz (4K), 50Hz and 60Hz (1080p)
- Multichannel audio supports 7.1 DTS Master HD and Dolby True HD
- One-way PoH (Power over HDBaseT) 12v DC mains powered transmitter remotely powers receiver with no local power required at display zone
- Transmits discrete wide-band two-way IR control signal / RS232 serial commands together within the HDMI signal over a single Cat5e/6
- Switchable RS232 function mode on Transmitter and Receiver for firmware update
NOTE: Serial control via RS232 only supported when connected to a compatible HDBaseT transmission device.
- Receivers cascable up to 7 times within a single output zone using another EX-35-4K transmitter or compatible HDBaseT transmission device
- Threaded bushings on receivers allow use of both standard and locking DC power plugs
- Visual LED indication for power supply to units, signal status to show established display connection, HDCP presence in signal and HDBaseT link between devices
- Cable termination follows IEEE-568B standards
- Automatically adjusts feedback, equalization and amplification of signal for easy installation
- Energy efficient universal PSU, IR connections and mounting brackets included

IN THE BOX

1 x TX-35-4K Transmitter
1 x RX-35-4K Receiver
1 x 12V/1.5A DC power supply
2 x 3.5mm Phoenix male connector (3 pin)

2 x Wide-band IR Emitter
2 x Wide-band IR Receiver (30-50KHz)
2 x Pairs of EX-35-4K mounting brackets
1 x Printed Quickstart guide*

*Quickstart and full manual downloadable from product page at wyrestorm.com

SPECIFICATIONS

Dimensions (WxHxD)	109mm x 15mm x 64mm / 4.3" x 0.59" x 2.5" (depth excludes connectors)
Weight	170g/5.99oz (each)
Input	Transmitter: 1 x HDMI Receiver: 1 x HDBaseT
Input Signal Type	Transmitter: HDMI 1.4a with 4K Receiver: HDBaseT
Input Resolution Support	480i, 576i, 480p, 576p, 720p, 1080i, 1080p @ up to 60Hz 3840x2160 @ 30Hz, 4096 x 2160 @ 30Hz
Input Video Level	0.5~1.0V Vp-p
Input DDC Signal	5 volts p-p (TTL)
Output	Transmitter: 1 x HDBaseT Receiver: 1 x HDMI
Output Signal Type	Transmitter: HDBaseT Receiver: HDMI 1.4a with 4K
Output Resolution Support	480i, 576i, 480p, 576p, 720p, 1080i, 1080p @ up to 60Hz 3840x2160 @ 30Hz, 4096 x 2160 @ 30Hz
Video Impedance	100Ω
Maximum Pixel Clock	297MHz
Audio	Multichannel digital audio supporting 7.1 DTS Master HD and Dolby True HD
3D	Frame packing/sequential (Blu-ray), Interlaced stereoscopic (satellite/cable broadcasts)
Operating Temperature	32°F to 95°F (0°C to 35°C) 10% to 90%, non-condensing
Storage Temperature	-4°F to 140°F (-20°C to 70°C) 10% to 90%, non-condensing
Power Supply	Single 12v 1.5A PSU with UK, US & EU pins (additional PSU for optional local power not supplied)
Power Consumption	Single 12v 1.5A PSU with UK, US & EU pins (additional PSU for receiver not supplied)
ESD Protection	±8 kV (Air-gap discharge) ±4 kV (Contact discharge)
Surge Protection	IEC 61000-4-4 (EFT) 40A (5/50ns) IEC 61000-4-5 (Lightning) 25A (8/20μs)
Electrical Fast Transient/Burst	Data communication cord: 1 kV Power cord : 2 kV

