

HDBaseT™ LITE EXTENDER KIT



OVERVIEW

Using HDBaseT™ technology, this HDMI extension solution offers an ideal solution for custom A/V installers and Home Theatre enthusiasts to project content over long distances without compromising audio or video quality.

Fully HDCP Compliant transmission means source video content can be stored in a dedicated rack away from the viewing location; and control is provided via built-in support for HDMI-CEC Transmission and Infra-Red relay.

KEY FEATURES

- Extend 4K up to 40 Meters and 1080p to 70 Meters over Cat5e/6/7
- Wall Mountable
- Low Power
- UltraHD 4K Transmission, 1080p@60Hz/36-bit, 720p, VGA-WUXGA formats.
- Bi-Direction Infra-Red Transmission
- Full HDMI Audio support
- HDCP Compliant
- PoH Receiver

TECHNICAL DATA

Dimensions (WxHxD):	10.1cm / 3.3cm / 6.5cm
Weight:	Transmitter 161g Receiver 177g
Material:	Extruded Aluminium
Operating Temperature Range:	0 to +40°C (32 to +104°F)
Operating Humidity Range:	20 to 90% RH (no condensation)
Power Supply:	1 x 48V (RX only)
Power Consumption:	Transmitter 3W Receiver 5.5W
Video Input:	Transmitter 1 X HDMI Receiver 1 X HDBaseT Class B (Lite)
Video Output:	Transmitter 1 X HDBaseT Class B (Lite) Receiver 1 X HDMI
Color Supported:	4K/24bit, 1080p/36bit
Max Video Bandwidth:	300MHz/10.2Gbps
Encryption:	HDCP 1.4 and HDCP 2.2
Supported Video Resolutions:	1080i, 1080p (30Hz), 1080p (60Hz), 3D (60Hz), 4K (30Hz) 4:4:4, 4K (60Hz) 4:2:0, 720p, UHD (30Hz) 4:4:4, 720i, 3D 1080i (50Hz), UHD (30Hz) 4:4:4, UHD/24 4:2:2 10bit
Supported Audio Formats:	Dolby Digital 5.1 , Dolby Digital EX 6.1 , Dolby Digital Plus 7.1 , Dolby TrueHD 5.1, Dolby Digital 2.0 , Dolby Digital 2.0, Dolby Digital 5.1, Dolby Digital EX 6.1, Dolby Digital Plus 7.1, Dolby TrueHD 5.1, Dolby TrueHD 7.1, DTS 5.1, DTS-HD Master 5.1, DTS-HD Master 7.1, DTS 96/24 5.1, DTS-ES Discrete 6.1, DTS-ES Matrix 6.1, LPCM 2.0, LPCM 5.1, LPCM 6.1, LPCM 7.1, PCM 2.0, Dolby Atmos 5.1.2, Dolby Atmos 5.1.4, Dolby Atmos 7.1.2, Dolby Atmos 7.1.4, Dolby Atmos 9.1.2
ESD (Lightning) Protection:	± 8kV (Air-gap discharge) ± 4 kV (Contact discharge)
Certification:	CE, FCC, RoHS

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neo:Lite Receiver



neo:Lite Transmitter



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