

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-Directional Infra-Red Transmission
- Full HDMI Audio support
- HDCP Compliant
- PoH Receiver

TECHNICAL DATA

Dimensions (WxHxD):	11cm/8.2cm/1.8cm each
Weight:	140g each
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 2.0a Receiver 1 X HDBaseT Class B (Lite)
Video Output:	Transmitter 1 X HDBaseT Class B (Lite) Receiver 1 X HDMI 2.0a
Colour Supported:	4K/24bit, 1080p/36bit
Max Video Bandwidth:	300MHz/10.2Gbps
Encryption:	HDCP 1.4 and HDCP 2.2
Supported Video Resolutions:	720p, 1080i, 1080p (+3D), 4k (30Hz) 4:4:4, 4k (50/60Hz) 4:2:0
Supported Audio Formats:	PCM 2.0, LPCM 2.0, LPCM 5.1, LPCM 6.1, LPCM 7.1, 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, 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, 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
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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