

# HDBaseT™ LITE EXTENDER KIT



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## 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.

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## 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

<b>Dimensions (WxHxD):</b>	11cm/8.2cm/1.8cm each
<b>Weight:</b>	140g each
<b>Material:</b>	Extruded Aluminium
<b>Operating Temperature Range:</b>	0 to +40°C (32 to +104°F)
<b>Operating Humidity Range:</b>	20 to 90% RH (no condensation)
<b>Power Supply:</b>	1 x 48V (RX only)
<b>Power Consumption:</b>	<b>Transmitter</b> 3W <b>Receiver</b> 5.5W
<b>Video Input:</b>	<b>Transmitter</b> 1 X HDMI 2.0a <b>Receiver</b> 1 X HDBaseT Class B (Lite)
<b>Video Output:</b>	<b>Transmitter</b> 1 X HDBaseT Class B (Lite) <b>Receiver</b> 1 X HDMI 2.0a
<b>Colour Supported:</b>	4K/24bit, 1080p/36bit
<b>Max Video Bandwidth:</b>	300MHz/10.2Gbps
<b>Encryption:</b>	HDCP 1.4 and HDCP 2.2
<b>Supported Video Resolutions:</b>	720p, 1080i, 1080p (+3D), 4k (30Hz) 4:4:4, 4k (50/60Hz) 4:2:0
<b>Supported Audio Formats:</b>	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
<b>ESD (Lightning) Protection:</b>	± 8kV (Air-gap discharge) ± 4 kV (Contact discharge)
<b>Certification:</b>	CE, FCC, RoHS

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neo:Lite Receiver



neo:Lite Transmitter



Pulse-Eight Limited . 8-12 Alder Hills . Poole . Dorset . BH12 4AL . UK  
[sales@pulse-eight.com](mailto:sales@pulse-eight.com) | +44 (0)1202 413610  
[pulse-eight.com](http://pulse-eight.com)