



This HDBaseT 3.0 Extender can extend uncompressed HD/UHD video and audio signals, eARC/ARC, RS-232, bi-directional IR, 1GbE Ethernet and USB2.0 signals up to 100m/328ft via a single CAT6A/7 cable. The Transmitter supports audio embedding or de-embedding. The Receiver supports audio de-embedding. It also supports eARC/ARC from RX's HDMI output pass through to TX's HDMI input or de-embedding to TX's HDMI audio only and SPDIF output ports, USB 2.0 (Host/Device is configurable) and bi-directional POC. The Extender offers the most convenient solution for HDMI extension via a single CAT cable with long distance capability, and is the perfect solution for home/commercial application.

- HDMI 2.0b, HDCP 2.2 and HDBaseT 3.0 compliant
- Uncompressed 4K@60Hz 4:4:4 up to 18Gbps video bandwidth
- HDR, HDR10, HDR10+, Dolby Vision and HLG pass through
- LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS
- Transmission distance up to 328ft/100 meters via a single CAT 6A/7 cable
- Supports eARC/ARC function (the audio is returned to the HDMI IN port, HDMI OUT (AUDIO ONLY) port and SPDIF OUT port of the transmitter)
- Supports SPDIF audio reverse transmission
- Bi-directional IR, RS-232 and 1G Ethernet signal pass through
- Supports USB2.0 transmission, Host/Device is configurable
- Bi-directional 24V POC function

Specifications	Technical
<b>HDMI Compliance</b>	HDMI 2.0b
<b>HDCP Compliance</b>	HDCP 2.2
<b>Video Bandwidth</b>	18Gbps
<b>Video Resolution</b>	Up to 4K@60Hz 4:4:4
<b>HDBaseT Bandwidth</b>	16Gbps on main, 2Gbps on return link
<b>HDR</b>	HDR, HDR10, HDR10+, Dolby Vision, HLG
<b>Color Space</b>	RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
<b>Color Depth</b>	8/10/12-bit
<b>HDMI Audio Formats</b>	LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD, DSD
<b>L/R Audio Formats</b>	PCM 2.0
<b>SPDIF Audio Formats</b>	LPCM2.0, AC3 5.1, DTS 5.1
<b>IR Level</b>	12Vp-p
<b>IR Bandwidth</b>	20K - 60KHz
<b>USB Bandwidth</b>	Up to 350Mbps
<b>Ethernet</b>	1000Mbps
<b>RS-232</b>	Up to 921600bps
<b>Transmission Distance</b>	100m (via single CAT 6A/7 cable)
<b>ESD Protection</b>	±8kV (Air-gap discharge), ±4kV (Contact discharge)
<b>Connections (Transmitter)</b>	<b>Input:</b> 1x HDMI IN [Type A, 19-pin female] <b>Output:</b> 1x HDMI OUT [Type A], 1x HDBT OUT [RJ45], 1x SPDIF OUT [S/PDIF], 1x L/R OUT [3.5mm] <b>Control:</b> 1x IR IN, 1x IR OUT, 1x RS-232, 1x SERVICE, 1x USB HOST, 2x USB DEVICES, 1x LAN
<b>Connections (Receiver)</b>	<b>Input:</b> 1x HDBT IN [RJ45], 1x SPDIF IN [S/PDIF] <b>Output:</b> 1x HDMI OUT [Type A], 1x L/R OUT [3.5mm] <b>Control:</b> 1x IR IN, 1x IR OUT, 1x RS-232, 1x SERVICE, 1x USB HOST, 2x USB DEVICES, 1x LAN
<b>Housing</b>	Metal Enclosure
<b>Color</b>	Black
<b>Dimensions</b>	Transmitter/Receiver: 170mm (W) x 102mm (D) x 22mm (H)
<b>Weight</b>	Transmitter: 425g, Receiver: 437g
<b>Power Supply</b>	Input: AC 100-240V 50/60Hz; Output: DC 24V/1A (US/EU, CE/FCC/UL certified)
<b>Power Consumption</b>	15.36W (POC)
<b>Operation Temperature</b>	32°F - 104°F (0°C - 40°C)
<b>Storage Temperature</b>	-4°F - 140°F (-20°C - 60°C)
<b>Relative Humidity</b>	20 - 90% RH (non-condensing)

