

EX-HDBT-100- V3U2

**HDMI 4K 18Gbps HDBaseT 3.0 Extender
100m with USB,eARC/Ethernet**

FEATURE:

- 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-HD Master Audio, DSD pass through
- 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



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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.



Extender

HDMI 4K 18Gbps HDBaseT 3.0
Extender



EX-HDBT-100-V3U2 HDMI 4K 18Gbps HDBaseT 3.0 Extender 100m with USB eARC Ethernet

SPECIFICATIONS:

Technical

HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2
Video Bandwidth	18Gbps
Video Resolution	Up to 4K@60Hz 4:4:4
HDBaseT Bandwidth	16Gbps on main and 2Gbps on return link
HDR	HDR, HDR10, HDR10+, Dolby Vision, HLG
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
Color Depth	8/10/12-bit
HDMI Audio Formats	LPCM, Dolby Digital Plus EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD
LR Audio Formats	PCM 2.0
SPDIF Audio Formats	LPCM2.0, AC3 5.1, DTS 5.1
IR Level	12Vp-p
IR Bandwidth	20K - 60KHz
USB Bandwidth	Up to 350Mbps
Ethernet	1000Mbps
RS-232	Up to 921600bps
Transmission Distance	100m (via a single CAT 6A/7 cable)
ESD Protection	Human body model – ±8kV (Air-gap discharge) & ±4kV (Contact discharge)

Connections

Transmitter

Input	1x HDMI IN (Type A, 19-pin female)
	1x HDMI OUT (Type A, 19-pin female)
Output	1x HDBT OUT (RJ45, 8-pin female)
	1x SPDIF OUT (SPDIF)
	1x LR OUT (3.5mm Stereo Mini-jack)
Control	1x IR IN (3.5mm Stereo Mini-jack)
	1x IR OUT (3.5mm Stereo Mini-jack)
	1x RS-232 (3pin-3.81mm Phoenix jack)
	1x SERVICE (Mini-USB, Update port)
	1x USB HOST (USB Type B)
	2x USB DEVICES (USB Type A)
	1x LAN (RJ45)

Receiver

Input	1x HDBT IN (RJ45, 8-pin female)
	1x SPDIF IN (SPDIF)
Output	1x HDMI OUT (Type A, 19-pin female)
	1x LR OUT (3.5mm Stereo Mini-jack)
	1x IR IN (3.5mm Stereo Mini-jack)
Control	1x IR OUT (3.5mm Stereo Mini-jack)
	1x RS-232 (3pin-3.81mm Phoenix jack)
	1x SERVICE (Mini-USB, Update port)
	1x USB HOST (USB Type B)
	2x USB DEVICES (USB Type A)
	1x LAN (RJ45)

Mechanical

Housing	Metal Enclosure
Color	Black
Dimensions	Transmitter / Receiver: 170mm (W) x 102mm (D) x 22mm (H)
Weight	Transmitter: 425g, Receiver: 437g
Power Supply	Input: AC 100 - 240V 50/60Hz Output: DC 24V/1A (US/ EU standard, CE/FCC/UL certified)
Power Consumption	15.36W (POC)
Operation Temperature	32°F - 104°F / 0°C - 40°C
Storage temperature	-4°F - 140°F / -20°C - 60°C
Relative Humidity	20-90% RH (no condensation)