

HDMI HDBaseT Extender, 70m with ARC



Main Features

- HDMI 2.0b, HDCP 2.2 Compliant
- Up to 4K/60Hz with 24bit RGB/YCBR 4:4:4
- 18Gbps Zero Latency (Uncompressed)
- HDR, HDR10, HDR10+ and Dolby Vision pass through
- LPCM 7.1CH, Dolby True HD and DTS-HD Master Audio
- Up to 70m using CAT6/6a cable
- Supports ARC to Transmitter
- Two way IR and Full Duplex RS232
- Receiver Supports Audio Extraction
- Power over Cable (PoC)

This 18Gbps Extender extends high definition video, audio, bi-directional IR and RS-232 signals. The supported transmission distance is up to 131ft / 40 meters for 4K2K@60Hz 4:4:4 resolution and 230ft / 70 meters for 1080P60Hz resolution between transmitter and receiver over a single CAT 5e/6 cable. The transmitter supports ARC (audio return channel) and local audio extraction. In addition, the extender is equipped with bi-directional IR pass-through which allows for source and display control. It also supports PoC (power over cable).

The extender includes two units, transmitter and receiver. The transmitter captures incoming signals and transmits them over a single cost effective Cat5e/6 cable. The receiver unit receives the signals and presents them as outputs for connecting to your devices.

This extender offers the most convenient solution for HDMI extension via a single Cat5e/6 with long distance capability, and is the perfect solution for any application.

Specifications

Connections		
Transmitter	Input:	1 x HDMI Type A (19-Pin Female)
	Output:	1 x HDBaseT (RJ45 Data Socket)
		1 x L/R Stereo Audio (3.5mm Jack Socket)
		1 x SPDIF (Optical)
	Control:	1 x IR IN (3.5mm Jack Socket)
		1 x IR Out (3.5mm Jack Socket)
		1 x RS232 (Phoenix Terminal)
1 x Service (Mini-USB)		
Receiver	Input:	HDBaseT (RJ45 Data Socket)
		1 x SPDIF (Optical)
	Output:	1 x HDMI Type A (19-Pin Female)
	Control:	1 x IR IN (3.5mm Jack Socket)
		1 x IR Out (3.5mm Jack Socket)
		1 x RS232 (Phoenix Terminal)
		1 x Service (Mini-USB)
Technical		
HDMI	HDMI 2.0b / DVI 1.0	
HDCP Compliance	HDCP 2.2 / HDCP 1x	
HDMI in/out Video Resolutions	4K2K 50/60Hz 4:4:4	
	4K2K 50/60Hz 4:2:0	
	4K2K 30Hz 4:4:4	
	1080p, 1080i, 720p, 480p, 480i	
	All PC resolutions including 1920 x 1200	
Colour Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0	
Colour Depth	8-bit, 10-bit, 12-bit, [1080p, 4K/30Hz, 4K/60Hz (YCbCr 4:2:0)] 8-bit [4K/60Hz (YCbCr 4:4:4)]	
HDMI Audio Formats	PCM 2.0 / 5.1 / 7.1CH, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS HD Master Audio, DSD	
HDR Formats	HDR10, HDR10+, Dolby Vision	
L/R Audio Formats	LPCM 2.0CH Note: If ARC is enabled the audio port will mute	
Power		
Power Supply	Input:	100~240V 50/60Hz
	Output:	DC 24V / 1A
Power Consumption	13W (max)	
Operating Temperature	0°C ~ 40°C	
Storage Temperature	-20°C ~ 60°C	
Relative Humidity	20~90% RH (non-condensing)	
Mechanical		
Housing	Metal Enclosure	
Colour	Black	
Dimensions	TX & RX = (W) 165 x (D) 88 x (H) 20mm	
Weight	TX = 170g and RX = 165g	