

4K HDMI HDBaseT WALL PLATE EXTENDER WP70M

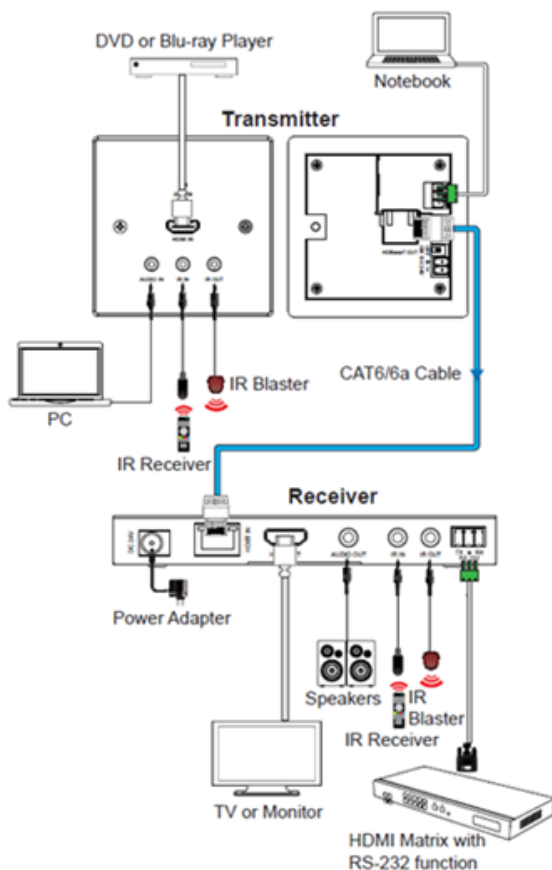


FEATURES

This 4K60 HDMI HDBT Wall-plate Transmitter supports one HDMI input that fits on a standard 86mm×86mm wall box. It can transmit HDMI high-definition signal, bidirectional IR control signal, bidirectional RS-232 control signal over CAT6 to the distance up to 70m (HBT mode). Video resolution is up to 4K2K@60Hz (4:4:4).

- HDMI 2.0b, HDCP 2.2 compliant
- Video resolution up to 4K60Hz RGB/YCbCr 4:4:4
- Up to LPCM 7.1ch, Dolby TrueHD and DTS-HD Master audio pass-through
- Up to 230ft/70m for 1080P or 131ft/40m for 4K via a single Cat6/6a/7 cable
- Built-in equalizer, retiming and driver
- Audio embedded on TX
- EDID management
- Two-way IR and RS-232 transmission
- Two-way 24V PoC (Power over Cable)

APPLICATION EXAMPLE



SPECIFICATION

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Technical	
Bandwidth	- 18Gbps (HDMI) - 5.4Gbps (USB-C)
Compliance	- HDMI 2.0b - HDCP 2.2
Compression Standard	- HDBT
Transmission Distance	- 230ft/70m over CAT6/6a (1080P) - 131ft/40m over CAT6/6a (4K@60)
Video Resolution	- Up to 4K60Hz 4:4:4
Colour Space	- RGB / YCbCr 4:4:4, YCbCr 4:2:2 / 4:2:0
Colour Depth	- 8/10/12-bit
HDR	- HDR, HDR10, HDR10+, Dolby Vision, HLG
HDMI Audio Format	- LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD
Transmitter	
HDBT	- 1 x RJ45 (Female)
Video Input Connector	- 1 x HDMI Type A (Female)
Other Connector	- 1 x 3.5mm Stereo Mini Jack (Audio In) - 1 x Micro USB (for update) - 1 x 3pin-3.81mm Phoenix Connector (RS232) - 1 x 3.5mm Stereo Mini Jack (IR In) - 1 x 3.5mm Stereo Mini Jack (IR Out)
Receiver	
HDBT	- 1 x RJ45 Female
Video Output Connector	- 1 x HDMI Type A (Female)
Other Connector	- 1 x 3.5mm Stereo Mini Jack (Audio Out) - 1 x Mini USB (for update) - 1 x 3pin-3.81mm Phoenix Connector (RS232) - 1 x 3.5mm Stereo Mini Jack (IR In) - 1 x 3.5mm Stereo Mini Jack (IR Out)
Power	
Power supply	- Input: AC 110-240V 50/60Hz - Output: DC 24V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption	- 8.42W (max)
General	
Physical Dimension (W x D x H)	- 86 x 86 x 38 mm (wall Plate) - 140 x 65 x 18 mm (receiver)
Weight	- 0.185kg (wall plate) - 0.249kg (receiver)
Housing	- Aluminum in White (wall plate) - Metal (receiver)
Operating Temperature	- 0 - 40 °C
Storage Temperature	- -20 - 60 °C
Relative Humidity	- 20 - 90% RH (no condensation)
Safety	
ESD Protection	- Human body model - ±8KV (Air-gap discharge) & ±4KV (Contact discharge)