

4K HDMI EXTENDER 50M HE50CG



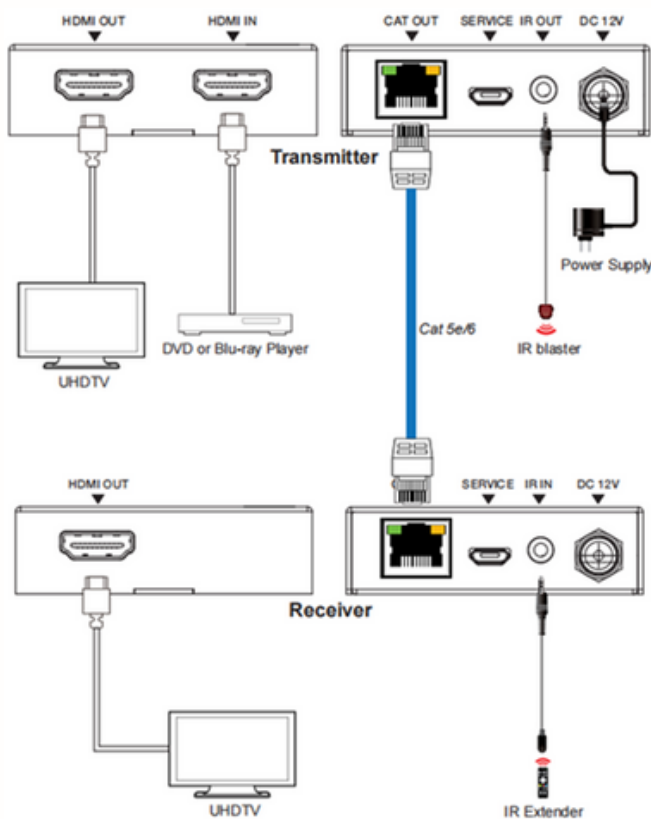
FEATURES

This HDMI 18Gbps Extender can extend high definition video / audio signal and one-way IR up to 164ft/50m over a single Cat5e/6 cable. It supports resolution up to 4K2K@60Hz 4:4:4, 18Gbps and HDCP 2.2. In addition, the extender is equipped with one-way IR pass-through which allows for source control and one HDMI loop output.

Extend HDMI up to 50m/164ft over single CAT6e/6 cable

- HDMI 2.0, HDCP2.2/HDCP1.4 compliant and DVI compliant
- Supports HDMI resolution maximum up to 4K2K@50/60Hz (4:4:4)
- Support one HDMI loop out
- Support one-way IR pass-through
- Support PoC (Power of Cable), power is transmitted from either transmitter or receiver side over CAT5e/6 cable
- Support automatic copy EDID function

APPLICATION EXAMPLE



SPECIFICATION

Technical	
Bandwidth	- 18Gbps
Compliance	- HDMI 2.0 - HDCP 1.4 and HDCP 2.2
Transmission Distance	- 164ft/50m over Cat5E/6 Cable
Video Resolution	- Up to 4K60Hz 4:4:4
Colour Space	- RGB / YCbCr 4:4:4, YCbCr 4:2:2 / 4:2:0, YUV 4:4:4
Colour Depth	- 8/10/12-bit (1080P60Hz, 4K30Hz, 4K60Hz YCbCr 4:2:2/4:2:0) - 8-bit (4K60Hz 4:4:4)
HDMI Audio Format	- LPCM 2.0/2.1/5.1/6.1/7.1, Dolby Digital, Dolby TrueHD, Dolby Digital Plus(DD+), DTS-ES, DTS HD Master, DTS HD-HRA, DTS-X
Transmitter	
Link	- 1 x RJ45 (Female)
Video Input Connector	- 1 x HDMI Type A (Female)
Video Loop-out Connector	- 1 x HDMI Type A (Female)
Other Connector	- 1 x 3.5mm Stereo Mini Jack (IR IN) - 1 x Micro USB (for update)
Receiver	
Link	- 1 x RJ45 Female
Video Output Connector	- 1 x HDMI Type A (Female)
Other Connector	- 1 x 3.5mm Stereo Mini Jack (IR IN) - 1 x Micro USB (for update)
Power	
Power supply	- Input: AC 110-240V 50/60Hz - Output: DC 12V/1A
Power Consumption	- 3.84W (max)
General	
Physical Dimension (W x D x H)	- 61 x 88 x 18 mm (transmitter & receiver)
Weight	- 0.160kg (transmitter) - 0.155kg (receiver)
Housing	- Metal
Operating Temperature	- 0 - 40 °C
Storage Temperature	- -20 - 60 °C
Relative Humidity	- 20 - 90% RH (no condensation)
Safety	
ESD Protection	ESD Protection - IEC 61000-4-2 - Human body model - ±8KV (Air-gap discharge) & ±4KV (Contact discharge)