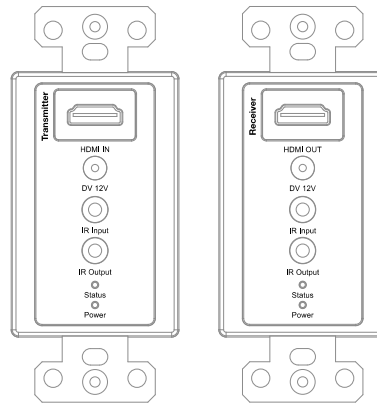


# HLHC050E 50M single Cat5e/6 HDMI wall plate extender with bi-direction IR

## Product model and standard

HLHC050E single Cat5e/6 Wall Plate Extender includes transmitter and receiver. Transmitters combine HDMI video, audio and control signals, then transmit them through single CAT5e cable. Receivers get these signals, separate signals and rebuild video, audio and control ones, output through HDMI interfaces. It also supports bi-direction remote IR (RX->TX and TX->RX), power over UTP, EDID call back, and both input and output HDCP 1.2 compatible. This product can achieve all functions through single CAT5e cable. Extending distance is 50 meters for 1080p 60Hz HD signal.



## Products model:

Model Number	Bi-direction Remote IR	Output HDCP	Power over UTP
Model A	Yes	Yes	Yes

## Main features

- Extending distance is 170ft(50 meters) at resolutions 1080P 3D or 1920x1200 60fs, and 270ft(80 meters) at 1080i/720P through single CAT5e cable.
- Support audio formats, Dolby True HD, DTS-master, etc.
- Support 3D signals (all 7 formats), such as Frame Packing, Side-by-Side, Top-to-Bottom, etc.
- Supports EDID call back.
- Supports CEC pass through.
- VESA DDC and hot swap technology (HPD).
- Supports power over UTP cable, single 12V DC power supply from any side of TX or RX.
- 38KHz bi-direction remote IR (RX->TX and TX->RX).
- Both HDMI input and output are compatible with HDCP 1.2.
- Be compatible with DVI 1.0.
- Support cascade to enhance extending distance.
- US standard wall plate ABS case, easy to install.

## Parameters

Interface	Transmitters	HDMI input, IR output (3.5mm), IR input (3.5mm),RJ45 Ethernet interface, 12V DC in
	Receivers	HDMI output, IR output (3.5mm), IR input (3.5mm),RJ45 Ethernet interface, 12V DC in
Power	<3.5W TX or <2.5W RX	
Dimension	(L x W x H): 108 x 46 x 35mm	
Net weight	0.1kg per unit	
Video bandwidth	Maximum TMDS clock frequency 165MHz, 4.95Gbps	
Resolution and distance	1080P 170ft (50 meters)-CAT5e/ 270ft (80 meters)-CAT6 720P/1080i 270ft (80 meters)-CAT5e/ 330ft (100 meters)-CAT6	
Audio formats	8-channel, support Dolby TrueHD and DTS Master	
TMDS input signal	1.2 volts (point to point)	
DDC input signal	5 volts (point to point)	
Indicator	Power-green, video link-yellow	
HDMI interface standard	HDMI 1.3 standard (HDMI 1.4 3D function), HDCP 1.2, support CEC, EDID	
Remote IR	38khz	
ESD level	HBM ±8 kV (Contact Discharge)	
Temperature range	0 ~ 40°C (operation), -20~60°C(stock)	
Compliance	FCC; CE; RoHS	

## Packing list

- 1 unit transmitter, 1 unit receiver.
- 2 remote IR blaster (with 1.5m cable), 2 IR receiver (with 2m cable).
- 1 unit DC 12V 1A adapter.
- 240\*155\*65mm carton packing.

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Phone: 0415 468 731, Email: sales@ultralinks.com.au  
Suite 1A Level 2, 802 Pacific Highway, Gordon NSW 2072  
www.ultralinks.com.au