

HBT-C6BPOC-SET

HDMI HDBaseT CAT5/6/7 Extender Set
With Bi-directional/IR/RS-232/PoC



HDMI EXTENDER

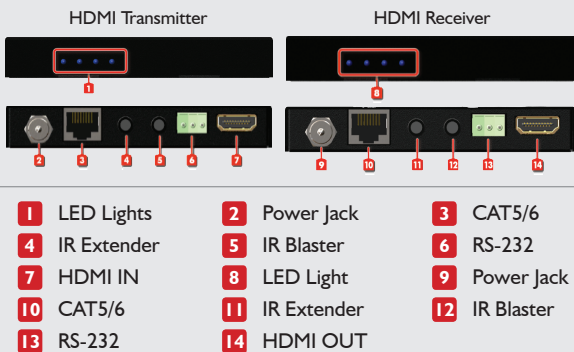
KEY FEATURES

- Input: HDMI with 3D & 4K2K, 1080p, HDCP and DVI compliant;
- Extend the transmission: Full HD 1080p up to 100m (330ft) from the HDMI source 48-bit and 4K2K @30Hz up to 80m (264ft);
- Support PoC (Power over Cable) power from either the TX or RX with one power supply;
- Supports HDCP & EDID Bypass;
- Supports CEC bypass;
- Audio Supported: 7.1 CH, Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio;
- Support full frequency IR signal from 20kHz to 60kHz;
- Bi-directional IR pass-through;
- 3D support: Follow by Display / TV's EDID;
- Full Duplex RS-232 control up to 115,200 bps.

MECHANICAL SPECIFICATION

Weight	0.35lbs
Power Adapter Format	DC5V / 1A, 100V-240V
Operating Temperature	32° ~ 104°F (0° to 40°C)
Relative Humidity	20~90% RH (no condensation)
Dimensions (L x W x H)	3.9" x 2.9" x 0.6"

PANEL DESCRIPTION



HBT-C6BPOC-SET

1080p60 = 100m (330 feet) CAT6
4K2K@30 = 70m (230 feet) CAT6

Application Diagram 1

POINT TO POINT



ITEM

SPECIFICATION

Model	HBT-C6BPOC-S	HBT-C6BPOC-R
Description	HDMI Transmitter	HDMI Receiver
HDMI Compliance	HDMI, Full 3D & 4K2K @30Hz	
Video Bandwidth	Single-link 340MHz [10.2Gbps]	
Supported Resolution	480i / 480p / 720p / 1080i / 1080p @60Hz / 4K @30Hz	
Audio Support	Lossless Multi-channel audio format (DTS-HD Master Audio, Dolby TrueHD)	
Resolution and Distance at 8-bits	Full HD: (1080p) ~ 100meter (328feet) (CAT5e/6) 4K @30Hz: (3840 x 2160) ~ 80meter (264feet) (CAT5e/6)	
Input	1 x HDMI 1 x 3.5mm	
Output	1 x RJ-45 HDBaseT 1 x 3.5mm	
Power Supply	24V 1.5A DC	
Power Consumption	7 Watt (max)	



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