

HBT-C6IR-SET

HDBaseT HDMI Extender Set Single CAT5/6
With Bi-Directional IR

HDMI EXTENDER



KEY FEATURES

- HDBaseT-Lite technology;
- HDMI 4K2K @30Hz, Full HD 1080p, Deep Color & 3D;
- Supports default resolutions 480p, 720p 1080p and HDCP & EDID Bypass;
- Extends up to 60m (198ft) (1080p);
- Extends up to 40m (130ft) (4K @30Hz);
- Lossless Multi-channel audio formats (DTS-HD Master Audio, Dolby TrueHD);
- EC support to control supported devices for common user controls via HDMI;
- Auto Equalization built-in to ensure the high quality video/audio is transmitted;
- Supports Bi-Directional IR signals 20kHz to 60kHz;
- Supports CEC (Consumer Electronic Control);
- Wall mounting housing design for easy and robust installation.

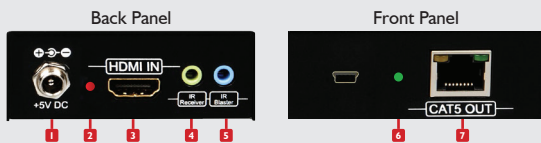
NOTICE



Higher resolutions and longer transmission distance require low skew cables (<25ns/100m) for best performance.

Unshielded CAT6 with metal RJ-45 connectors is recommended.

PANEL DESCRIPTION



- | | | |
|---------------------|----------------------|------------------|
| 1 Power Jack | 2 LED | 3 HDMI IN |
| 4 IR Blaster | 5 IR Receiver | 6 LED |
| 7 RJ-45 OUT | | |



HBT-C6IR-SET

HBT-C6IR-R

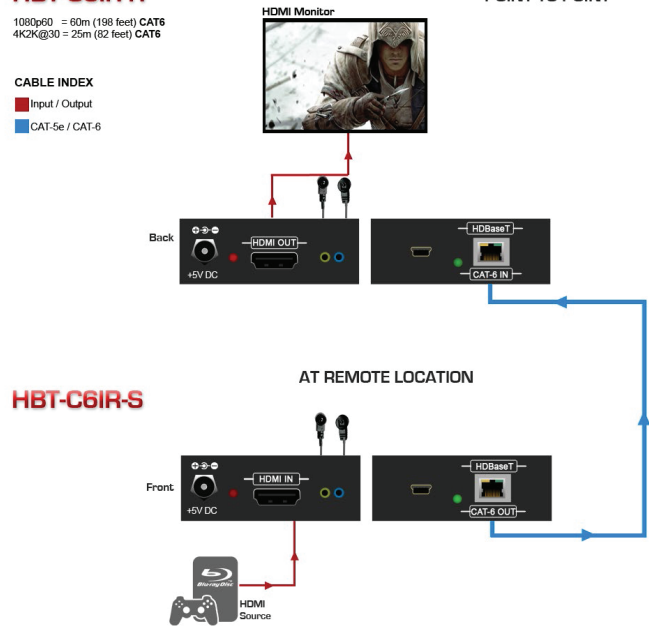
1080p@60 = 60m (198 feet) CAT6
4K2K@30 = 25m (82 feet) CAT6

CABLE INDEX

- Input / Output
- CAT-5e / CAT-6

Application Diagram 1

POINT TO POINT



ITEM

SPECIFICATION

ITEM	SPECIFICATION	
Model	HBT-C6IP-S	HBT-C6IP-R
Description	HDMI Transmitter	HDMI Receiver
Video Bandwidth	Single-link 340MHz [10.2Gbps]	
Supported Resolutions	480i / 480p / 720p / 1080i / 1080p @60 / 4K @30Hz	
Resolution and Distance @ 8-bit	Full HD: (1080p) ~ 60meter (198feet) (CAT5e/6) 4K @30Hz: (3840 pixels x 2160) ~ 40eter (130feet) (CAT5e/6)	
Audio Support	Lossless Multi-channel audio formats (DTS-HD Master Audio, Dolby TrueHD)	
Input	1 x HDMI, 1 x 3.5mm 1 x mini-USB	1 x RJ-45 HDBaseT, 1 x 3.5mm 1 x mini-USB
Output	1 x RJ-45 HDBaseT 1 x 3.5mm	1 x HDMI 1 x 3.5mm
HDMI Connector	Type A (19 pin female)	
RJ-45 Connector	WE/SS 8P8C with 2 LED indicators	
USB Connector	Mini B	
3.5mm Connector	IR Receiver / IR Blaster	IR Receiver / IR Blaster
Dimensions (L x W x H)	3" x 3.5" x 1"	
Power Supply	5V/4A	



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