

SPECIFICATION

	HDBT-HD11T/PP1	HDBT-HD11R/PP1
Input	HDMI x 1	RJ45 x 1
Output	RJ45 x 1	HDMI x 1
Control	IR IN (3.5mm mini jack) IR OUT (3.5mm mini jack)	IR IN (3.5mm mini jack) IR OUT (3.5mm mini jack)
Video Resolution	Up to 4K@60Hz 4:2:0	
HDMI Audio Format	LPCM 7.1 audio, Dolby Atmos®, Dolby® TrueHD, Dolby Digital® Plus, DTS:X™, and DTS-HD® Master Audio™ pass-through.	
Transmission Distance	70m (1080p@60Hz) 40m (4K@60Hz 4:2:0)	
HDMI Version	Up to 1.4	
HDCP Version	Up to 2.2	
Power Supply	Input: 100 to 240V AC, 50/60Hz; Output: 12V DC 1A	
Power Consumption	9.6W	
Operation Temperature	-5 to +55°C (+23° to +131°F)	
Storage Temperature	-25 to +70°C (-13° to +158°F)	
Relative Humidity	10% to 90%, Non-condensing	
Dimensions (W*H*D)	61.6mm x 24.3mm x 120.6mm	
Net Weight	280g	280g

4K HDMI over HDBaseT Extender



Model:
HDBT-HD11T/PP1

Model:
HDBT-HD11R/PP1

** For details and updated Command and Program Software, please visit and download from www.abtussingapore.com

*Specifications are subject to changes without notice.

PRODUCT DESCRIPTION

The HDBT-HD11T/PP1 & HDBT-HD11R/PP1 is a HDMI extender that utilizes HDBaseT technology to transmit signals of up to 70m for 1080p or 40m for 4K, via a CAT5E/CAT6A cable. The extender also supports bi-directional IR transmission. The extender supports POC, therefore only the transmitter needs to be powered.

FEATURES

- Supports up to 4K@60Hz 4:2:0 resolution
- Transmission distance of up to 70m for 1080p and 40m for 4k
- HDMI 1.4 & HDCP Up to 2.2 compliant
- Bi-directional IR transmission
- Compact design for easy operation

PANEL DESCRIPTIONS (TRANSMITTER)



1. **HDMI IN:** Type-A female HDMI port for HDMI source
2. **IR IN:** 3.5mm mini jack to connect to an IR receiver
3. **IR OUT:** 3.5mm mini jack to connect to an IR emitter
4. **POWER LED:** Red LED indicates transmitter is powered
5. **DC 12V:** DC power supply port for DC12V adapter
6. **UTP/STP OUT:** RJ45 port to connect to UTP/STP IN port of a receiver using CAT5E/6A cable.
HDCP LED: No Green LED light indicates there is no video transmission.
HDCP LED: Solid Green LED light indicates there is video transmission with HDCP.
HDCP LED: Flashing Green LED light indicates there is video transmission without HDCP.
LINK LED: Solid Orange LED light indicates there is link established between transmitter and receiver.

PANEL DESCRIPTIONS (RECEIVER)



1. **HDMI OUT:** Type-A female HDMI port for HDMI display
2. **IR IN:** 3.5mm mini jack to connect to an IR receiver
3. **IR OUT:** 3.5mm mini jack to connect to an IR emitter
4. **POWER LED:** Red LED indicates transmitter is powered
5. **UTP/STP IN:** RJ45 port to connect to UTP/STP OUT port of a transmitter using CAT5E/6A cable.
HDCP LED: No Green LED light indicates there is no video transmission.
HDCP LED: Solid Green LED light indicates there is video transmission with HDCP.
HDCP LED: Flashing Green LED light indicates there is video transmission without HDCP.
LINK LED: Solid Orange LED light indicates there is link established between transmitter and receiver.

DIAGRAM

