



PU-1H2HBTE

1 HDMI to 2 HDBaseT1 Splitter (100m) with HDMI bypass



The PU-1H2HBTE splitter accepts 1x HDMI input and distributes to 2 HDBaseT™ outputs, plus 1 HDMI bypass output. The HDBaseT™ outputs allow uncompressed HDMI, LAN, PoE, IR, and RS-232 signals to be transmitted over a Single CAT5e/6/7 cable up to 100m. Installers can confidently distribute HDMI signals to 3 displays, and if required, use the HDMI bypass output to cascade the HDMI signal up to 5 times with additional HDBaseT™ splitters.

PU-507RX Receivers are recommended to utilise the full 5Play™ functionality of the HDBaseT™ outputs of this device.

PANELS

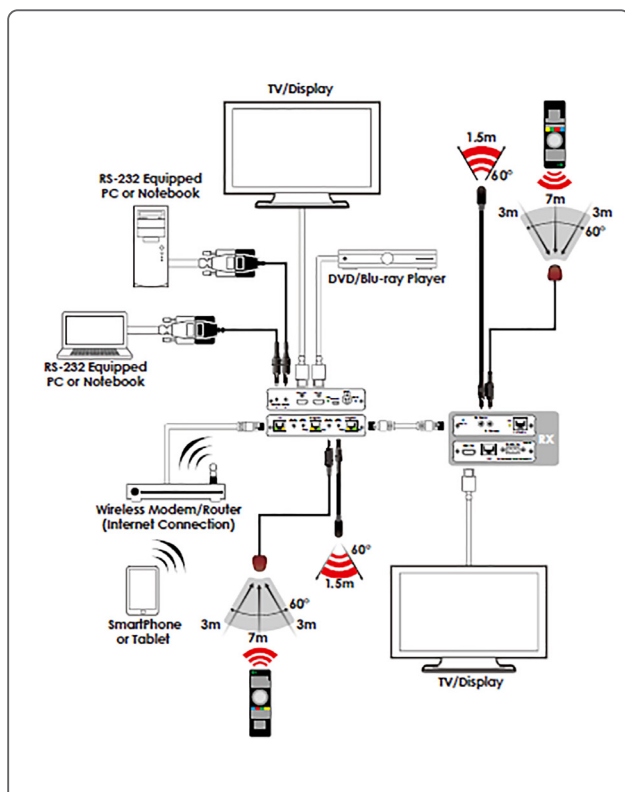


Front View



Rear View

DIAGRAM



FEATURES

- Supports all v1.4 HDMI resolutions plus 4K
- HDMI, HDCP, & DVI compliant
- Supports uncompressed video/audio up to 10.2Gbps
- Supports resolutions VGA~WUXGA, 480i~1080p, 4K UHD@24/25/30Hz (RGB 4:4:4 & YUV 4:2:2), 4K UHD@ 60Hz (YUV 4:2:0), 4K/2K@24/25/30Hz (RGB 4:4:4 & YUV 4:2:2) and 4K/2K@ 60Hz (YUV 4:2:0) dependent upon the output display's EDID settings
- Supports HDCP repeating and CEC functions
- Supports 1080p distances up to 100 meters through CAT5e/6 cables
- Audio support up to 7.1CH & Dolby TrueHD, DTS-HD
- Supports full 5-Play™ Convergence : HDMI / LAN / PoC (Power over Cable) / IR / RS-232
- Supports 3D signals
- Supports 4K/2K & 4K UHD - CAT5e/6 = 70m & CAT6a/7 = 100m

SPECIFICATIONS

Interfaces

Input Port	1 HDMI (Type-A)
Output Port	1 HDMI (Type-A) 2 HDBaseT (RJ-45)
Pass-through Port	2 RS-232 (3.5mm) 2 IR IN (3.5mm) 2 IR OUT (3.5mm) 1 LAN(RJ-45)
Service Port	1 USB(Mini-B)

Video

HDMI Compliance	HDMI 2.0a (DVI 1.0)
HDCP Compliance	HDCP 2.x
Input Signal Type	4096x2160@60Hz YUV 4:2:0 8bit
Output Signal Type	4096x2160@60Hz YUV 4:2:0 8bit
Resolutions	
Maximum Input	HDMI 4096x2160p@60 4:2:0
Maximum Output	HDMI 4096x2160p@60 4:2:0 HDBaseT 4096x2160p@60 4:2:0

Audio

HDMI	LPCM(8CH), Bitstream, HD Bitstream
HDBase T	LPCM(8CH), Bitstream, HD Bitstream

Power

Power Supply	24V/2.7A DC
Power Consumption	23.1W

Enclosure

Chassis Material	Aluminum
Chassis Colour	Black
Dimensions (W×H×D)	145 mm x 178 mm x 30 mm
Weight	528g

Field Firmware Update

USB to PC

ORDERING INFORMATION

Model No.	Product Description
PU-1H2HBTE	1 HDMI to 2 HDBaseT1 Splitter (100m) with HDMI bypass
PU-507RX	5-Play HDBaseT1 (100m) Receiver with LAN & PoC