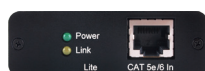




This HDMI over HDBaseT™ with bidirectional IR, RS-232 & PoC Transmitter and Receiver set can make your home or office setup more efficient and easy to use. Uncompressed video and audio can be transmitted up to 60 meters with the PoC function and added benefit of controls through the built-in RS-232 and IR ports. This family design of HDBaseT™ technology allows a full usage of HDMI and controls over CAT5e/6/7 cable.

PANELS

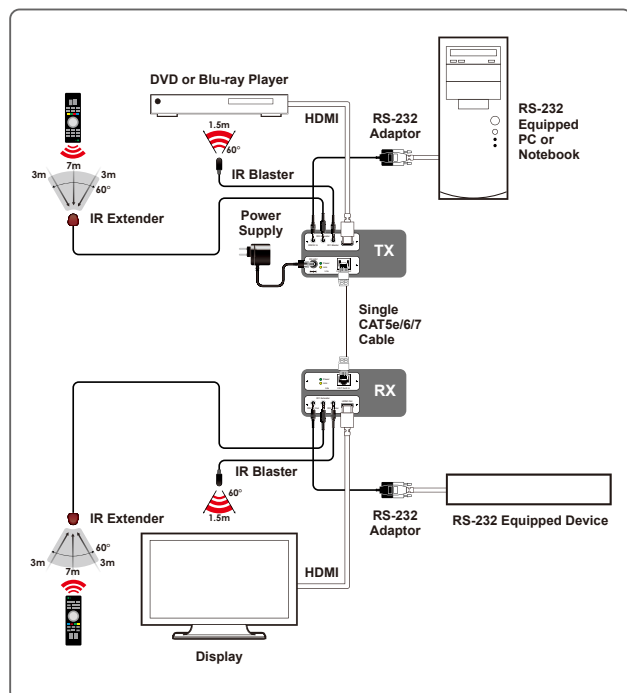


Front View



Rear View

DIAGRAM



FEATURES

- Supports HDMI 3D and 4K x 2K features
- Supports HDBaseT-Lite Technology
- Supports HD resolutions up to 1080p@60Hz/12-bit
- Supports distance up to 60 meters through CAT5e/6/7 cable
- Supports pass-through of audio formats including LPCM 2.0/5.1/7.1, Bitstream and HD Bitstream over HDMI
- Supports RS-232 bypass with baud rate up to 115200/sec
- Supports wide range of IR frequency from 30~50kHz
- Supports HDCP repeater and CEC bypass
- Supports pass-through of audio formats including LPCM 2.0/5.1/7.1, Bitstream and HD Bitstream

SPECIFICATIONS

Interfaces

Input Port	1 x HDBaseT (RJ-45) 1 x IR Extender (3.5mm)
Output Port	1 x HDMI(Type-A) 1 x IR Blaster (3.5mm) 1 x RS-232(3.5mm)

Video

HDMI Compliance	HDMI 2.0 (DVI 1.0)
HDCP Compliance	HDCP 2.X
Input Signal Type	4K@60 YUV 4:2:0
Output Signal Type	4K@60 YUV 4:2:0

Resolutions

Maximum Input	HDBaseT	4096x2160p@60 YUV 4:2:0
Maximum Output	HDMI	4096x2160p@60 YUV 4:2:0

Power

Power Supply	24V/1.25A DC (US/EU standards, CE/FCC/UL certified)
Power Consumption	6W

Enclosure

Chassis Material	Metal
Chassis Color	Black
Dimensions (W×H×D)	71 mm x 23 mm x 73.5 mm [Case Only] 71 mm x 23 mm x 79 mm [All Inclusive]
Weight	126g

Field Firmware Update

PCB on board, uses RS232

ORDERING INFORMATION

Model No.	Product Description
CH-506RXPL	HDMI to CAT5e/6/7 Receiver
CH-506TXPL	HDMI to CAT5e/6/7 Transmitter