

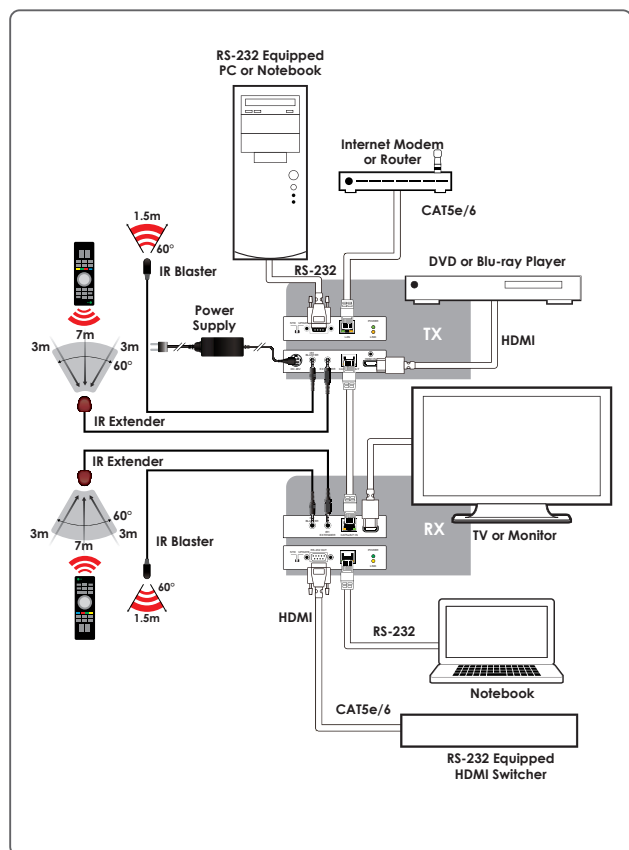


The HDMI over single CAT5e/6/7 Transmitter can send uncompressed audio/video and IP data over a single run of CAT5e/6/7 cable at a distance up to 100 meter. It has the added benefit of control through the built-in RS-232 and IR ports and a bi-directional LAN serving connection. The Transmitter (PSE) can provide power to the Receiver(PD) allowing a greater flexibility in installations.

PANELS



DIAGRAM



FEATURES

- Supports pass-through of audio formats including LPCM 2.0/5.1/7.1, Bitstream and HD Bitstream over HDMI
- RS-232 with baud rate up to 115200/sec
- Supports wide range of IR frequency from 30~50kHz
- HDMI with 3D, 4K2K support, HDMI & DVI Compliant
- Supports CEC bypass
- Simultaneous transmission of uncompressed data over a single 100m/328ft CAT5e/6/7 cable
- 5Play™ convergence: HDMI, LAN, PoE & Control (IR & RS-232)
- Supports resolution up to 4K2K@50/60 & YUV_420
- Supports standard 48V from Transmitter (PSE) to Receiver (PD)

SPECIFICATIONS

Interfaces

Input Port	1 x HDMI(Type-A) 1 x IR Extender(3.5mm) 1 x RS-232(DE-9) 1 x LAN(RJ-45)
-------------------	--

Output Port	1 x CAT5e/6/7(RJ-45) 1 x IR Blaster(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	HDMI	4096x2160p@60 YUV 4:2:0
Maximum Output	HDBaseT6/7	4096x2160p@60 YUV 4:2:0

Power

Power Supply	48 V/0.83 A DC (US/EU Standards, CE/FCC/UL certified)
---------------------	---

Power Consumption	13.5w (Include Receiver)
--------------------------	--------------------------

Enclosure

Chassis Material	Metal
-------------------------	-------

Chassis Color	Black
----------------------	-------

Dimensions (W×H×D)	108mm (W) x 25mm (H) x 108mm (D) 108mm (W) x 29mm (H) x 116mm (D)
---------------------------	--

Weight	370g
---------------	------

Field Firmware Update

PC Update, WebGUI

ORDERING INFORMATION

Model No.	Product Description
CH-1527TX	UHD HDMI over HDBaseT Transmitter with PoH
CH-1527RX	UHD HDMI over HDBaseT Receiver with PoH