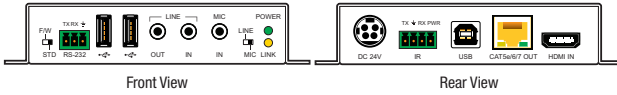


CH-1610TXPL

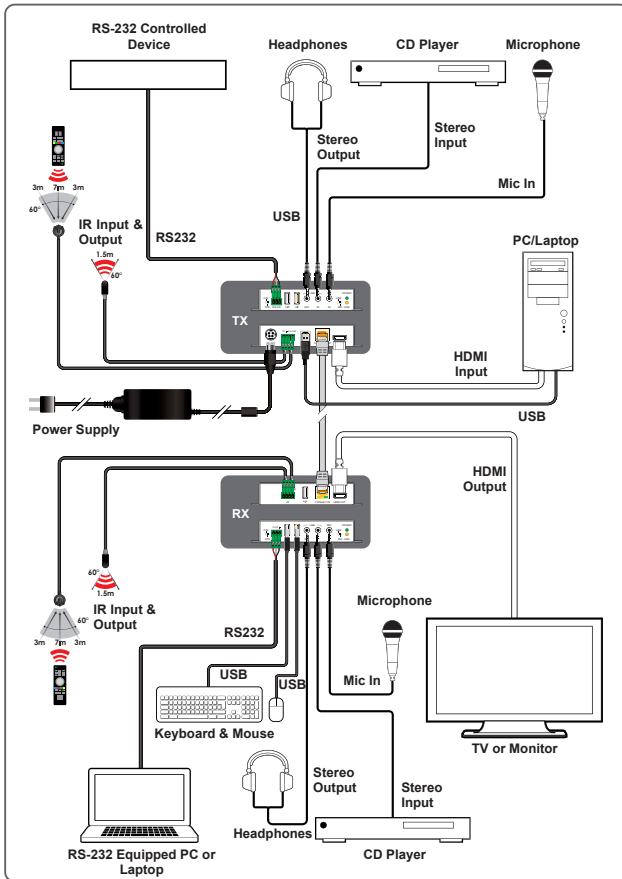
UHD HDMI/USB to HDBaseT Transmitter

The HDMI over single CAT5e/6/7 Transmitter set can send uncompressed audio/video over a single run of CAT5e/6/7 cable at a distance up to 35 meter. Multi-control interfaces are available which includes IR, RS-232 and USB connection. This extender complies with advanced protocols of HDCP2.2 and HDMI 2.0, as well as supporting the legacy HDCP 1.x standards.

PANELS



DIAGRAM



FEATURES

- Supports pass-through of audio formats including LPCM 2.0/5.1/7.1, Bitstream and HD Bitstream over HDMI
- HDBaseT 2.0 compatible
- HDMI 2.0 and DVI 1.0 compatible
- HDCP 2.2 and HDCP 1.x compliant
- Simultaneous transmission of uncompressed data over a single CAT5e/6/7 cable up to 35m
- Supports UHD resolutions up to 3840×2160@60Hz (4:2:0, 8-bit) & 4096×2160@60Hz (4:2:0, 8-bit)
- Supports 16-bit Deep Color up to 1080p@60Hz
- Supports standard 48V from Transmitter (PSE) to Receiver (PD)

SPECIFICATIONS

Interfaces

Input Port	1 x HDMI (Type-A) 1 x Stereo Audio input 1 x Microphone input
Output Port	1 x HDBaseT (RJ-45) 1 x Stereo Audio output
Pass-through Port	1 x IR In/Out (4-pin terminal block) 1 x RS-232 (3-pin terminal block) 2x USB 2.0(Type-A)
Pass-through/Control Port	1x USB 2.0(Type-B)

Video

HDMI Compliance	HDMI 2.0 (DVI 1.0)
HDCP Compliance	2.2
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

Audio

HDMI Input 1,2	LPCM (2 Channels, 48KHz), Bitstream
HDMI Output	LPCM (2 Channels, 48KHz), Bitstream

Power

Power Supply	24V/2.7A DC
Power Consumption	TBD

Enclosure

Chassis Material	Metal (Steel)
Chassis Color	Black
Dimensions (W×H×D)	128mm×25mm×108mm [Case Only] 128mm×25mm×113.6mm [All Inclusive]
Weight	410g

Field Firmware Update

UART

ORDERING INFORMATION

Model No.	Product Description
CH-1610TXPL	UHD HDMI/USB to HDBaseT Transmitter
CH-1610RXPL	UHD HDMI/USB to HDBaseT Receiver