Front side

Back side

18G, HDMI Wall plate w/POC (1-Gang US Decora, 40M@4K, 70M@1080P) White color Tx

The HDBaseT Wall-plate Transmitter can transmit up to 4K2K@60 (4:4:4) video over a single CAT6/6a/7 cable up to 130ft/40m or 1080p up to 230ft/70m. It supports Power over Cable (PoC) functionality that allows for greater flexibility in installations. It also supports two-way IR and RS-232

Featured Highlights

- HDMI 2.0b 18Gbps, HDCP 2.2 compliant
- up to 4K2K@60Hz(4:4:4), 4K2K@30Hz, 1080p@120Hz
- up to 7.1 channels HD audio
- HDBaseT™ over a single CAT 6/6a/7 cable up to 230ft/70m distance
- One HDMI input, 1 Gang US Decora Wall Plate
- Two-way IR and RS-232
- POC (Power Over Cable) function is supported, either TX or RX is powered by 24V1A power supply, the another does not need power supply from the DC jack. POC Power consumption is less than 10W.
- Transfers Bidirectional Infrared control signal together with the HDMI signal.
- Transfers Bidirectional RS-232 control signal together with the HDMI signal.

TECHNICAL

HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 1.4 and HDCP 2.2
Video Bandwidth	18 Gbps
Video Resolution	up to 4K2K@50/60Hz(YUV4:4:4),4K2K@30Hz, 1080P@120Hz, and 1080P 3D@60Hz
Color Space	RGB/YCbCr 4:4:4, YCbCr 4:2:2
Color Depth	10-bit, 12-bit
HDMI Audio Formats	LPCM 2/5.1/7.1CH, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X
Optical Audio Formats	LPCM 2CH, LPCM 5.1, Dolby Digital 2/5.1CH, DTS 2/5.1CH
ESD Protection	Human body model—±8kV (Air-gap discharge) & ± 4kV(-Contact discharge)

CONNECTIONS

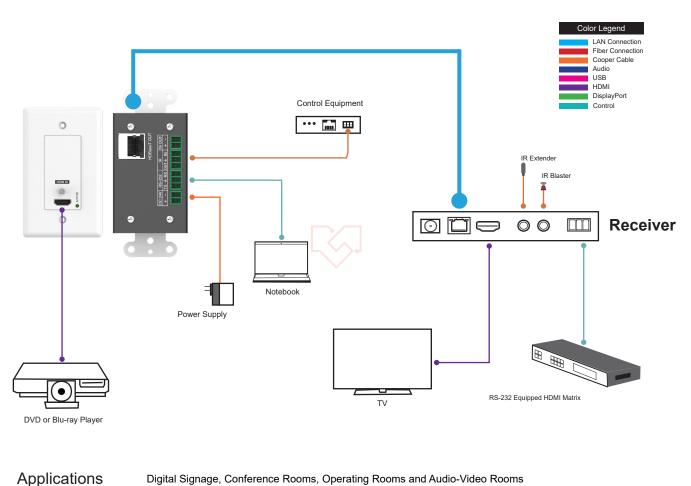|	
Transmitter	Inputs: 1x HDMI Type A [19-pin female] 1x IR INPUT [Phoenix jack] 1x RS-232 [Phoenix jack] Outputs:1x HDBaseT Out [RJ45] 1x IR OUTPUT [Phoenix jack] 1x RS-232 [Phoenix jack]

MECHANICAL

Housing	Plastic-Front Panel, Metal-Rear Case
Color	White-Front Panel, Black-Rear Case
Dimensions	103.5mm [W] x 46mm [D] x 30mm [H]
Weight	163g
Power Supply	Input: AC100 - 240V 50/60Hz, Output: DC 24V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption	9W (Max)
Operating Temperature	32 - 104°F / 0 - 40°C
Storage Temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (Non-Condensation)

APPLICATION EXAMPLE

Color Legend
- LAN Connection
- Fiber Connection
- Cooper Cable
- Audio
- USB
- HDMI
- DisplayPort
- Control

Control Equipment

IR Extender

IR Blaster

Receiver

Notebook

Power Supply

DVD or Blu-ray Player

TV

RS-232 Equipped HDMI Matrix

Applications   Digital Signage, Conference Rooms, Operating Rooms and Audio-Video Rooms