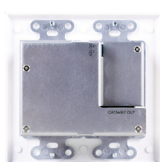


PANELS



Front View



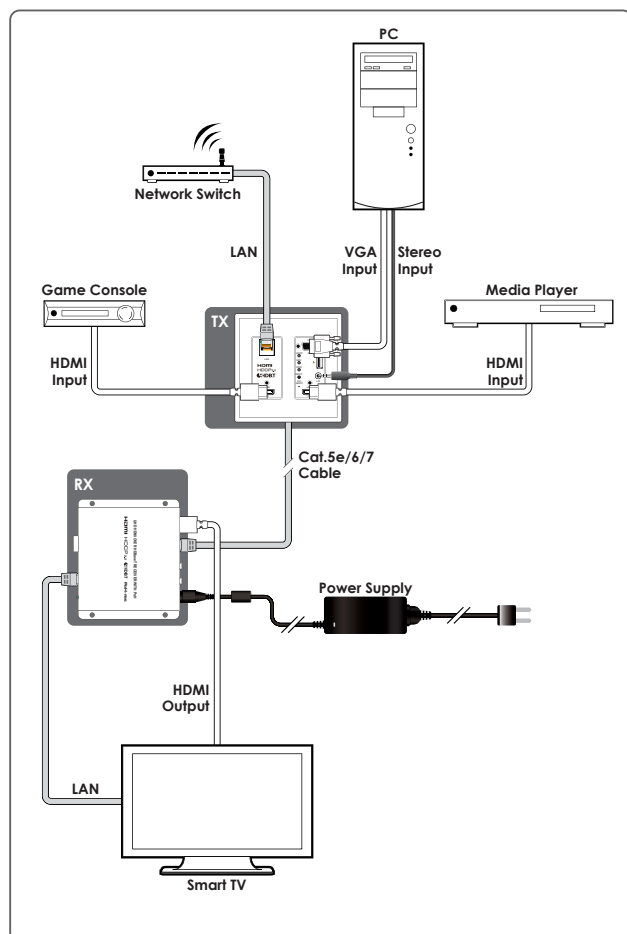
Rear View

This HDBaseT Wall Plate Switch with Signal Management is an HDMI and VGA switch with audio embedding and HDBaseT output. The wall plate is designed for use with US two-gang sized enclosures.

This transmitter can send uncompressed highdefinition video/audio over a single cable up to a distance of 100 meters at 1080p@60Hz. High bandwidth 4K UHD* HDMI video sources, up to and including 4K@60Hz (4:4:4, 8-bit), can be supported and will be automatically converted to 8-bit color, or the 4:2:0 color space when necessary for transmission compatibility.

Signal management features such as automatic switching based on active signal and hot plug detection enable convenient hands-free operation. Additional functionality such as EDID management, HDCP management and basic signal event automation (which can send customized RS-232 or CEC commands to external devices automatically) is also available.

DIAGRAM



FEATURES

- Wall plate is designed for US two-gang sized enclosures
- Supports HDMI input resolutions up to 4K@60Hz (4:4:4, 8-bit)
- Supports VGA input resolutions up to WUXGA (RB)
- Supports CEC bypass and User activated information OSD
- Unit may be powered locally or via 48V PoH from a compatible HDBaseT Receiver (PSE)
- Supports manual input selection or automatic input selection with hot plug detection
- Basic signal event automation (via RS-232 or CEC w/ compatible Receiver)
- USB port supports firmware update and powering of 5V/500mA devices

SPECIFICATIONS

Interfaces

Input Port	2 HDMI (Type-A)
	1 VGA (HD-15)
	1 Stereo Audio (3.5mm)
Output Port	1 HDBaseT (RJ-45)
	1 LAN (RJ-45)

Video

HDMI Compliance	HDMI 2.0 (DVI 1.0)
HDCP Compliance	2.x
Input Signal Types	HDMI 4K@60 8-bit YUV 4:4:4
Output Signal Types	HDBaseT 4K@60 8-bit YUV 4:2:0

Resolutions

Maximum Input	HDMI	4096×2160p@60
	VGA	1920x1200@60
Maximum Output	HDBaseT	4096×2160p@30

Power

Power Supply	12V/3A
Power Consumption	23.7W

Enclosure

Chassis Material	Aluminum
Chassis Color	White
Dimensions (W×H×D)	92mm× 104mm× 50mm
Weight	250g

ORDERING INFORMATION

Model No. Product Description

CH-2537TXWPUD UHD HDMI/VGA over HDBaseT Wallplate Transmitter (PD)

CH-2527RX HDR HDMI over HDBaseT Receiver with IR, RS-232, LAN & PoH (PSE)