

CH-2537TXM-TB

UHD⁺ 3x1 HDMI/VGA over HDBaseT Table Box with PoH (PD)



The CH-2537TXM-TB is a brand new AV concept for the commercial & corporate-market segments. Presentation equipment in corporate meeting rooms can be difficult to operate and provide the user with challenges when connecting their source to the installed AV system. Flexible meeting rooms are also becoming more commonplace, which is where the CH-2537TXM-TB provides the perfect balance between ease of use and portability. Providing the user with a flexible AV solution that removes the boundaries of how a meeting space can be used. When a device is connected to the CH-2537TXM-TB, CEC control can be applied to “power up” the connected display and select the correct HDMI input channel (programmed via the WebGUI).

This unit also supports automatic input detection between the HDMI and the VGA inputs using hot plug detection, offering the user ‘hands free’ control of the device. Despite the 10.2Gbps bandwidth limitation of HDBaseT this clever transmitter will automatically convert signals of higher bandwidths ensuring any HDMI 4KUHD signal can be passed through the HDBaseT system. The unit also features push button control on the front of the panel. The unit is powered by PoH supplied by a compatible receiver.

PANELS

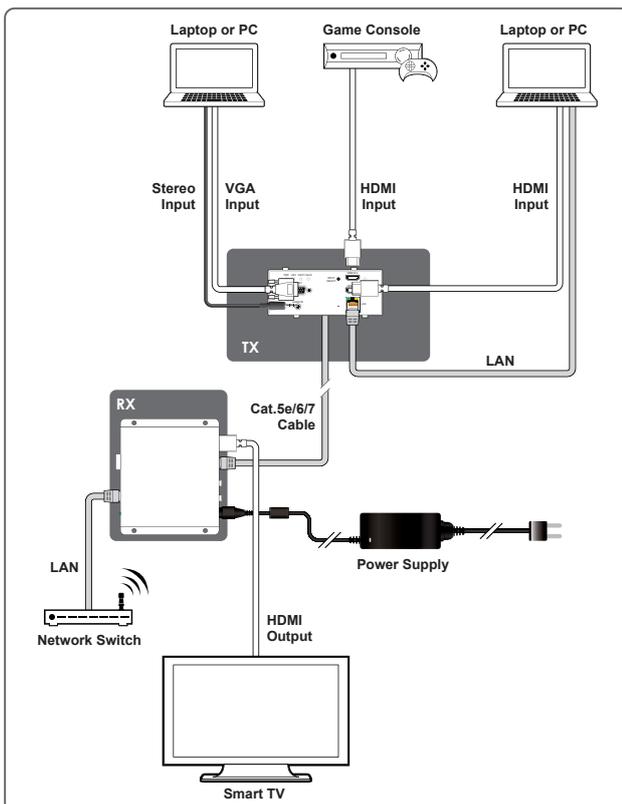


Front View



Rear View

DIAGRAM



FEATURES

- Supports CEC bypass
- Supports Auto Source Switching
- Front panel push button control
- Front panel LEDs to indicate input selection, link status and power
- HDBaseT feature support: HD Video and Audio, 100BaseT Ethernet, and 48V PoH (PD)
- HDBaseT output transmits video, audio and data over a single Cat.5e/6/7 cable and can reach distances up to 100m/328ft at 4K when using Cat.6a/7
- Supports manual input selection or automatic input selection with hot plug detection
- Basic signal event automation (via RS-232 or CEC w/ compatible Receiver)
- Front panel LEDs indicate HDCP mode, input source, link state, and power
- Unit may be powered via 48V PoH from a compatible HDBaseT Receiver
- Controllable via a multi-function front panel button with OSD, or via WebGUI, Telnet, and RS-232 (w/ compatible Receiver only)

SPECIFICATIONS

Interfaces

Input Port	2 x HDMI (Type-A) 1 x VGA (HD-15) 1 x 3.5mm (Stereo Audio)
Output Port	1 x HDBT (RJ-45)
Control I/O	1 x LAN (RJ-45)
Service Port	1 x USB (Type-A)

Video

HDMI Compliance	2.0
HDCP Compliance	2.2
Input Signal Types	HDMI 4K@60 12-bit YUV 4:2:0
Output Signal Types	HDBT 4K@30 8-bit YUV 4:2:0

Resolutions

Maximum Input	HDMI 4096x2160p@60
	VGA 1920x1200@60
Maximum Output	HDBT 4096x2160p@30

Power

Power Consumption	22.75W
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Enclosure

Chassis Material	Metal (Steel)
Chassis Color	Black
Dimensions (WxHxD)	201mm x 82mm x 60mm [Case Only] 201mm x 82mm x 65mm [All Inclusive]
Weight	467g

ORDERING INFORMATION

Model No.	Product Description
CH-2537TXM-TB	UHD ⁺ 3x1 HDMI/VGA over HDBaseT Table Box with PoH (PD)
CH-2527RX	UHD HDMI over HDBaseT Receiver with IR, RS-232, LAN & PoH (PSE)