

CH-2538TXM-TB

UHD+ HDMI/VGA over HDBaseT Table Box with Scaler & PoH (PD)



The CH-2538TXM-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-2538TXM-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.

The signal management features, such as automatic source switching based on input signal detection, enable convenient hands-free operation. Additional functionality such as basic EDID management, HDCP management, and basic signal event automation (which can automatically send customized RS-232 commands to an external device) is also available for configuration via serial commands. Additionally, the unit may be powered locally or via PoH (Power over HDBaseT) from a compatible HDBaseT receiver, which allows for greater flexibility in installations. Controllable via front panel buttons with OSD and RS-232 (with compatible receiver).

PANELS

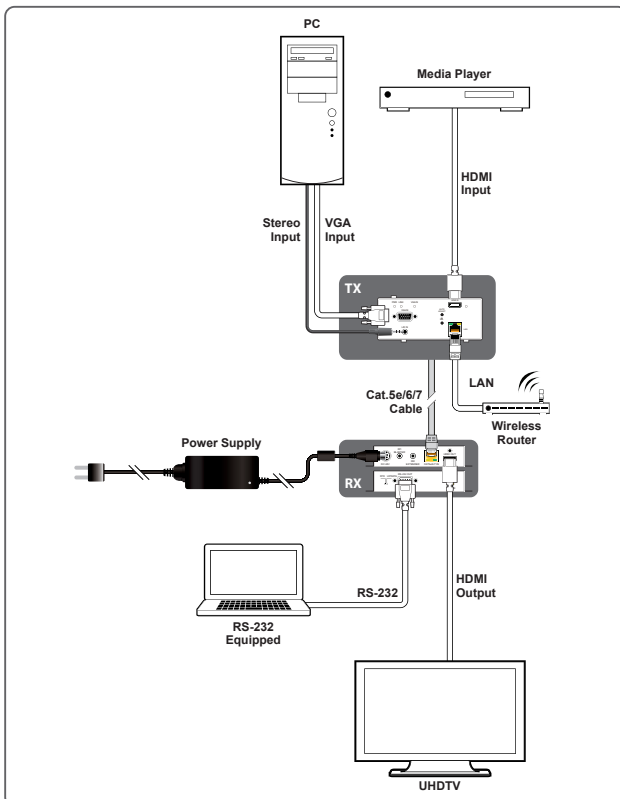


Front View



Rear View

DIAGRAM



FEATURES

- HDMI with 3D & 4K support
- HDMI input supports up to 4K UHD+ (18Gbps, 4K@50/60Hz 4:4:4, 8-bit)
- Automatic scaling of sources to match the native resolution of the HDMI display based on EDID
- HDBaseT output transmits video, audio and data over a single Cat.5e/6/7 cable and can reach distances up to 70m at 4K when using Cat.6a/7
- Supported HDBaseT feature set: HD Video & Audio, 100BaseT Ethernet, and PoH (PD)
- Supports 2 channel LPCM audio with volume control
- Supports CEC bypass
- Automatic input selection with hot plug detection enabling hands-free operation
- Basic signal event automation (via RS-232 with a compatible receiver)
- Front panel LEDs indicate input selection, power and link status

SPECIFICATIONS

Interfaces

Input Port	1 x HDMI 1 x VGA 1 x 3.5mm (Stereo Audio)
Output Port	1 x HDBaseT (RJ-45)
Control I/O	1 x LAN (RJ-45)
Service Port	1 x USB 2.0 (Type-A)

Video

HDMI Compliance	HDMI 2.2 (DVI 1.0)
HDCP Compliance	2.2
Input Signal Type	4K@60 8bit YUV 4:4:4
Output Signal Type	4K@30 8bit YUV 4:4:4

Resolutions

Maximum Input	HDMI	4096x2160p@60
	VGA	1920x1200@60
Maximum Output	Cat5e/6/7	4096x2160p@30

Power

Power Consumption	16.17W
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Enclosure

Chassis Material	Metal (Aluminum) & Plastic
Chassis Color	Black/Silver
Dimensions (W×H×D)	201mm× 82mm× 60mm [Case Only]
	201mm× 82mm× 65mm [All Inclusive]
Weight	467 g

ORDERING INFORMATION

Model No. Product Description

CH-2538TXM-TB UHD+ HDMI/VGA over HDBaseT Table Box with Scaler & PoH (PD)

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