

CH-U331TXWPEU

HDMI/VGA over IP Transmitter with USB/KVM Wall Plate Extender



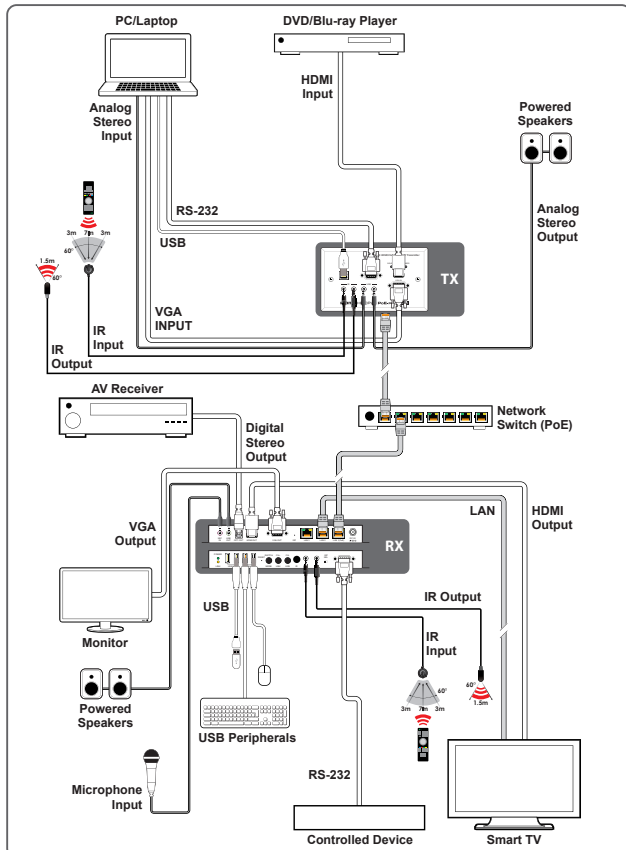
The AVoIP wall plate transmitter is part of a 4K UHD Multi-Function Extension system is able to extend HDMI or VGA signals along with KVM through Cat.5e/6/7 network cable and transmit UHD video signals, audio and USB up to 100m on a single cable. The transmission distance can be further extended (up to 100m per segment) by using gigabit network switches, allowing the user to cascade the system without signal loss or introducing delay. Pairing to existing series receiver unit with built-in 3 LAN Ethernet switch, could allow to extend and expand a basic system without the need for an external network switch. This unit also allows you to send a single AV signal to a large number of Receivers within the same local network. Additionally, that same multicast signal can be used to create large multi-display video walls with amazing simplicity. This system is perfect for both residential and commercial installation environments.

The USB functionality allows the system to act like a remote USB hub which when combined with the video extension feature, provides a flexible remote KVM platform. Configuration information is provided via the On-Screen Display (OSD). The unit can be controlled via WebGUI, Telnet, and the IP Master Controller.

PANELS



DIAGRAM



FEATURES

- Video, audio and control transmission over TCP/IP in Unicast (point-to-point) or Multicast (single-to-many, many-to-many) modes
- When connected, the analog Line In audio is automatically embedded into the transmitted signal for output on connected Receivers via HDMI and their analog Line Out ports
- The Mic In on a connected Receiver will send audio directly to the analog Line Out on this Transmitter
- May be powered directly by PoE when connected to a Gigabit Ethernet switch that provides PoE (802.3af)
- Supports USB keyboard, mouse and storage extension

SPECIFICATIONS

Interfaces

Input Port	1×HDMI (Type-A) 1×VGA (HD-15) 1×Analog Stereo (3.5mm)
Output Port	1×GbE LAN (RJ-45) 1×Analog Stereo (3.5mm)
Control I/O	1×IR Extender (3.5mm) 1×IR Blaster (3.5mm) 1×RS-232 (DB-9) 1×USB (Type-B)

Video

HDMI Compliance	2.0
HDCP Compliance	2.x
Input Signal Type	4096x2160p@60 8bit YUV 4:2:0
Output Signal Type	4096x2160p@60 8bit YUV 4:2:0

Resolutions

Maximum Input	HDMI	4096×2160p@60 YUV 4:2:0
	VGA	1920×1200p@60RB
Maximum Output	LAN (Streaming)	4096×2160p@30

Audio

HDMI	LPCM (8 Channels), Bitstream, HD Bitstream
Line In	2 Vrms S/N Ratio: > 80dB (1kHz with 0dBFS)
Line Out	2 Vrms S/N Ratio: > 80dB (1kHz with 0dBFS)

Power

Power Supply	PoE from Receiver
Power Consumption	20W

Enclosure

Chassis Material	Metal (Steel)
Chassis Color	White
Dimensions (W×H×D)	152mm× 81mm× 42mm [Case Only] 152mm× 81mm× 53mm [All Inclusive]
Weight	246g

Field Firmware Update

PC Update, WebGUI

ORDERING INFORMATION

Model No.	Product Description
CH-U331TXWPEU	HDMI/VGA over IP Transmitter with USB/KVM Wall Plate Extender
CDPS-CS7	IP Master controller
CH-U331RX	HDMI/VGA over IP Receiver with USB/KVM Extension
CH-U331TR	UHD HDMI/DP to IP AV over IP Transceiver