

CH-U331HTXWPEU

HDMI over IP Transmitter with USB/KVM Wall Plate Extender

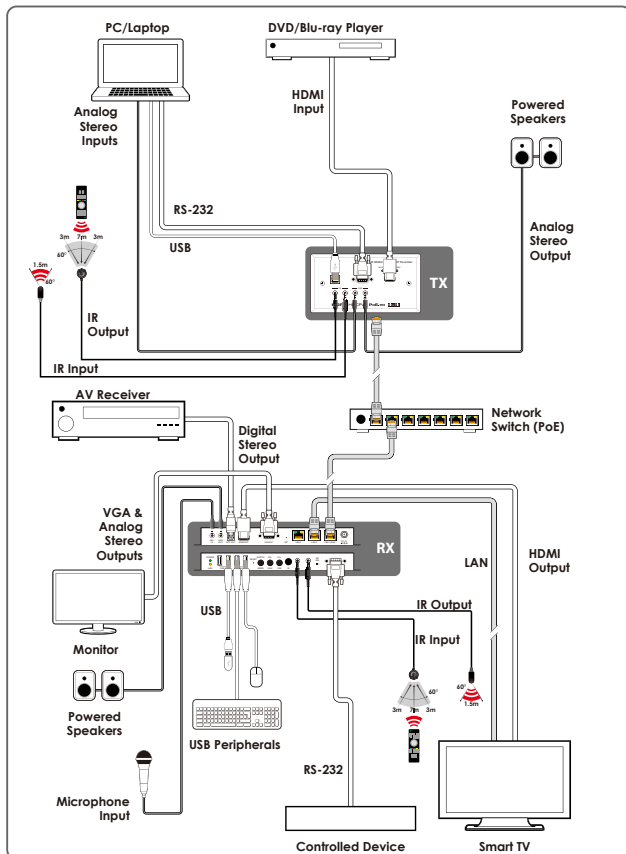


The AVoIP wall plate transmitter is part of a 4K UHD Multi-Function Extension system is able to extend HDMI signal along with KVM through Cat.5e/6/7 network cable and transmit UHD video signals, audio and USB up to 100m on a single cable. The transmission distance can be further extended (up to 100m 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 able 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×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
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 (Aluminum)	
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-U331HTXWPEU	HDMI 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