



IP-7000C-TX

1G 4K AV Over IP USB-C & HDMI transmitter with USB & PoE



The IP-7000C-TX is the latest 1G AV over IP Transmitter, adding a USB-C input to the industry standard HDMI, RS232, IR, Analogue audio & USB inputs connectivity.

The IP-7000 series allows installers to configure a unique signal distribution system via a dedicated IT Network Infrastructure. You are in control when deciding how many inputs and end-points you require from the system; whether it be one transmitter to many receivers or many too many, your possibilities are endless. Using the IP-A750TX & RX you can even add audio only zones. Simplicity is at the core of the IP series as all transmitters, receivers and the controller support PoE.

The video and audio can be transmitted via an IP network for distances up to 100m through a single network switch. The transmission distance can be further extended up to 100m between network switches and supports Gigabit networks.

This system also features bi-directional IR pass-through, analogue line level in/out, and microphone input provide the user with variety of audio options. The USB function allows the system to act like USB hub allowing the system to be used as a KVM switch. Adding extra devices allows the user to cascade the system enabling them to extend the transmission distance without signal loss or introducing perceivable delay.

Control is via Telnet, IR Remote, Web GUI and RS-232 commands with On-screen Display (OSD) feedback messaging. The use of the AV over IP controller, the IP-CS7 is recommended for large or matrix systems.

PANELS



FEATURES

- Video, audio and control transmission over TCP/IP in Unicast (point-to-point) or Multicast (single-to-many) modes
- Support with 0°, 180°, 270° increments rotation
- The analog Line In on the Transmitter sends audio directly to the analog Line Out and is inserted into the HDMI output on connected Receivers
- The Mic In on the Receiver sends audio directly to the analog Line Out on the Transmitter
- Both Tx and Rx 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 and IR, RS-232 bypass
- Unit can be controlled via WebGUI, Telnet, and front panel controls

SPECIFICATIONS

Interfaces

Input Port	1 HDMI (Type-A) 1 USB Type-C 1 Unbalanced Stereo (3.5mm)
Output Port	1 Analog Stereo (3.5mm) 1 LAN (RJ-45)
Control I/O	1 USB (Type-B) 1 IR Extender (3.5mm) 1 IR Blaster (3.5mm) 1 RS-232 (DB-9) 2 Control Button (RJ-45)

Video

HDMI Compliance	HDMI 2.0 (DVI 1.0)
HDCP Compliance	2.2
Input Signal Type	4K@60 8bit YUV 4:2:0
Output Signal Type	4K@60 8bit YUV 4:2:0

Resolutions

Maximum Input	HDMI	4096×2160p@60 (YUV 4:2:0)
	USB-C	4096×2160p@60 (YUV 4:2:0)
Maximum Output	LAN	4096×2160p@30

Audio

Input Signal Types	HDMI, Unbalanced Stereo
Output Signal Types	Unbalanced Stereo
Digital Formats	HDMI 2CH LPCM, 8CH LPCM, Standard Bitstream

Power

Power Supply	5V/2.6A DC (Locking)
Power Consumption	5.5W (Full Load)

Enclosure

Chassis Material	Metal (Steel)
Chassis Color	Black
Dimensions (W×H×D)	231.5mm×25mm×108mm [Case Only] 231.5mm×25mm×120mm [All Inclusive]
Weight	660g

Field Firmware Update

WebGUI

ORDERING INFORMATION

Model No.	Product Description
IP-7000C-TX	UHD HDMI/USB-C over IP Transmitter with KVM Extension
IP-7000RX	UHD HDMI/VGA over IP Receiver with KVM Extension
IP-CS7	AV over IP Master Controller
IP-5000TX	HDMI over IP Transmitter
IP-5000RX	HDMI over IP Receiver
ADP-0274AEG210C	Switching Power Supply 5VDC/2.6A
CBL-IR10C3SA200	3.5ØIR cable L:200cm 30-50KHz
CBL-E3.5IF-20A	3.5ØIR cable(Blaster) 2725#28 L:200cm
TML-F7353-03	RS232 3-pin terminal block
CBL-MPBCAT-10	Key in cable (1M)



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DIAGRAM

