AVIP-P5104R-B1C

UHD⁺ HDMI AV over IP Receiver

This Receiver is designed for high-quality, IP routable, AV extension with minimum latency. By using a sophisticated ultra-light compression scheme (lossless for most content) it's a great solution for extending 4K audio/video streams and data. The use of high quality 10 Gigabit Ethernet ports and Cat.6A or better cable allows for point-to-point transmission of the video signal up to 100m. Multiple control and data signals may also be transmitted along with the audio and video, including IR, RS-232, USB 2.0, and Ethernet. When combined with the optional IP Master Controller or control software, the functionality of the Receiver expands exponentially. Multiple Transmitters and Receivers may be combined with one or more 10-Gigabit Ethernet switches and the units can be used together to form a distributed video matrix, a multiviewer system, or a video wall system adding to their flexibility in large event installations.
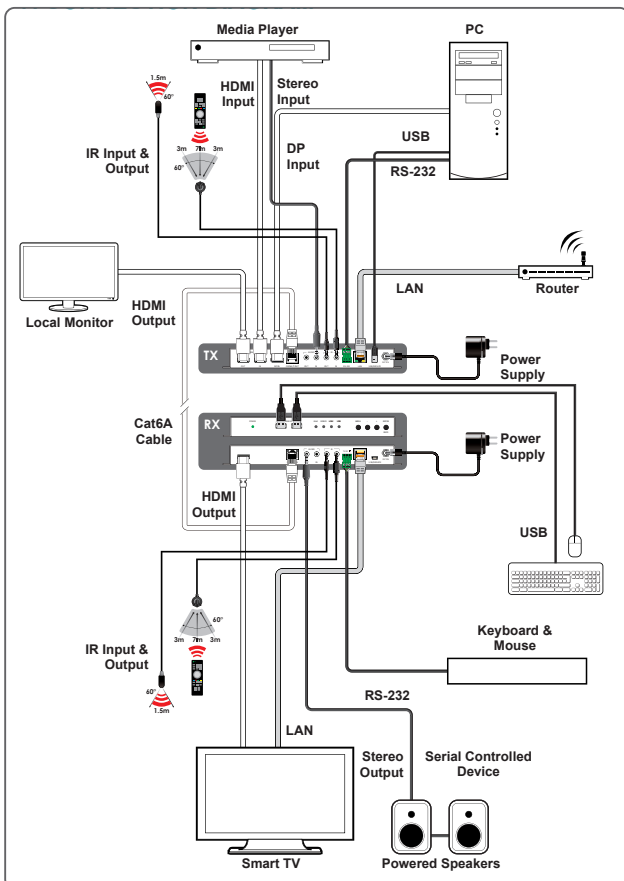
PANELS

Front View   Rear View

FEATURES

- HDMI 2.0 and DVI 1.0 compatible, HDCP 2.2 and HDCP 1.x compliant
- 2 USB 2.0 (Type A) ports and 1 USB 2.0 (Mini B) port
- Analog stereo audio extension, insertion and extraction (insertion and extraction requires optional IP Master Controller/control software)

DIAGRAM

SPECIFICATIONS

Interfaces

Input Port	1 10GbE LAN (RJ45)
Output Port	1 HDMI (Type A) 1 Analog(3.5mm)
Control I/O	1 Ethernet (RJ-45) 1 IR Extender (3.5mm) 1 IR Blaster (3.5mm) 1 RS-232 (3-pin terminal block) 1 USB (Mini-B) 2 USB(Type A)

Video

HDMI Compliance	HDMI 2.0 (DVI 1.0)	
HDCP Compliance	2.2	
Input Signal Types	4K@60 YUV 4:4:4	
Output Signal Types	4K@60 YUV 4:4:4	
		Resolutions
Maximum Input	10G LAN (Streaming)	4096×2160p@60 YUV 4:4:4
Maximum Output	HDMI	4096×2160p@60 YUV 4:4:4

Audio

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

Power

Power Supply	12V/3A DC (Locking)
Power Consumption	TBD

Enclosure

Chassis Material	Metal (Steel)
Chassis Color	Black
Dimensions (W×H×D)	231.5mm×25mm×158mm [Case Only] 231.5mm×25mm×167mm [All Inclusive]
Weight	566g

Field Firmware Update

PC

ORDERING INFORMATION

Model No.	Product Description
AVIP-P5104R-B1C	UHD⁺ HDMI AV over IP Receiver
AVIP-P5101TR-B1C	UHD⁺ 2x1 HDMI/DP to HDMI Bi-directional AV over IP Transceiver W/HID USB
AVIP-P5102TR-B1C	UHD⁺ 2x1 HDMI/DP to HDMI Bi-directional AV over IP Transceiver W/USB 2.0 HUB
AVIP-P5102TR-B1F	UHD⁺ 2x1 HDMI/DP to HDMI Bi-directional AV over IP Transceiver W/USB 2.0 HUB
AVIP-P5101TR-B1F	UHD⁺ 2x1 HDMI/DP to HDMI Bi-directional AV over IP Transceiver W/HID USB
AVIP-P5104T-B1C	UHD⁺ 2x1 HDMI/DP to HDMI AV over IP Transmitter
CH-V502TR	UHD⁺ HDMI/USB AV over IP Transceiver
COH-TR7	UHD⁺ HDMI/DP/USB AV over IP Transceiver