

AVIP-P3601T-C

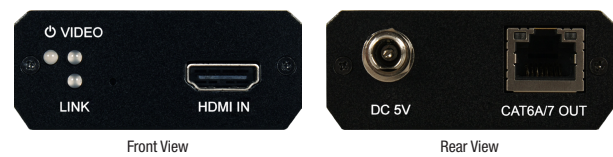
4K60 HDMI AV over IP Transmitter



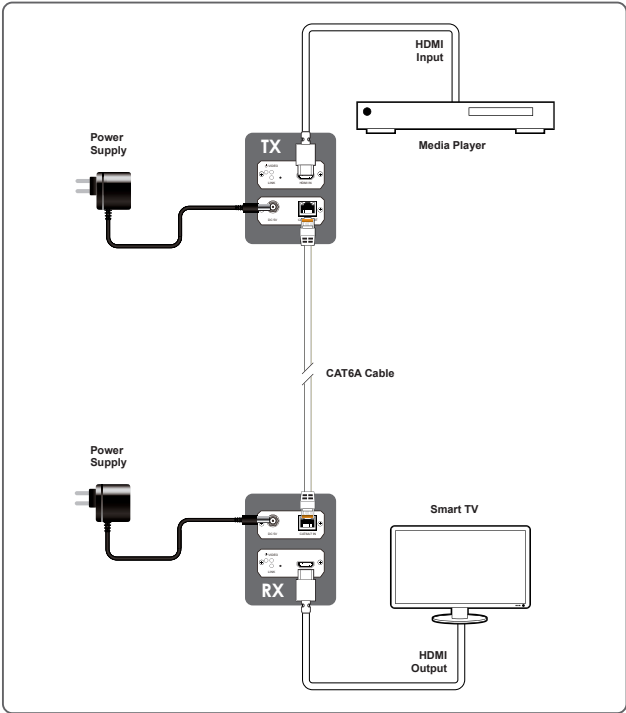
This transmitter is designed for high-quality, IP routable, AV extension up to 4K@60 4:4:4 with minimum latency. The use of 10-Gigabit Ethernet ports and Cat.6A or better cable allows for point-to-point transmission of the video signal up to 100m. Advanced HDMI content such as HDR (High Dynamic Range), 10-bit color and multi-channel HD Bitstream audio can be transmitted in pass-through mode. The small and compact size design enhances the flexibility of installation.

When combined with the optional IP Master Controller or control software, the functionality of the transmitter 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. The unit can be powered directly via PoE when connected through Cat.6A to a 10-Gigabit Ethernet switch that supports PoE (802.3af), allowing for great installation flexibility. Advanced control such as firmware update can also be performed conveniently through the optional IP Master Controller or control software.

PANELS



DIAGRAM



FEATURES

- Signal transmission interfaces with 10-Gigabit Ethernet switches and supports PoE (IEEE 802.3af)
- 4K@60 signal extension up to 100 m (with Cat.6A/7 cable)
- Supports the use of an external control center (IP Master Controller) or control software to provide expanded functionality (Contact your authorized dealer for more information)
- IP routable with minimum latency (requires optional IP Master Controller or control software)
- Supports independent breakaway A/V matrix switching with minimum latency, video wall generation, and multi-view compositing (requires optional IP Master Controller/control software)
- Supports pass-through of 10/12-bit HDR and Dolby Vision sources (Point-to-Point and Bypass modes only)
- Supports pass-through of audio formats including LPCM (up to 8 channels), Bitstream and HD Bitstream
- Ultra-light compression, lossless for most content

SPECIFICATIONS

TX

Interfaces	
Input Port	1×HDMI (Type A)
Output Port	1×10GbE LAN (RJ-45)

Video	
HDMI Compliance	HDMI 2.0
HDCP Compliance	2.2
Input Signal Types	4096x2160p@60 12bit YUV4:4:4
Output Signal Types	4096x2160p@60 12bit YUV4:4:4

Resolutions	
Maximum Input	HDMI 4096x2160p@60 YUV4:4:4
Maximum Output	10G LAN(Streaming) 4096x2160p@60 YUV4:4:4

Audio	
HDMI	LPCM (8 Channels), Bitstream, High Bit Rate Bitstream
10GbE LAN	LPCM (8 Channels), Bitstream, High Bit Rate Bitstream

Power	
Power Supply	PoE (802.3af) or 5V/2.6A
Power Consumption	6.58W

Enclosure	
Chassis Material	Metal (Aluminum)
Chassis Color	Black
Dimensions (W×H×D)	60mmx24.75mmx95mm [Case Only] 60mmx24.75mmx103mm [All Inclusive]
Weight	178g

Field Firmware Update	
IP Master Controller	

ORDERING INFORMATION

Model No.	Product Description
AVIP-P3601R-C	4K60 HDMI AV over IP Receiver
AVIP-P3601T-C	4K60 HDMI AV over IP Transmitter
CDPS-CS8-S	AV over IP Master Controller