

AVIP-P3101T-F

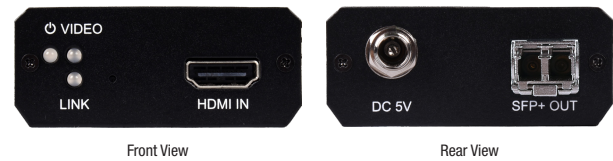
4K60 HDMI AV over IP Transmitter



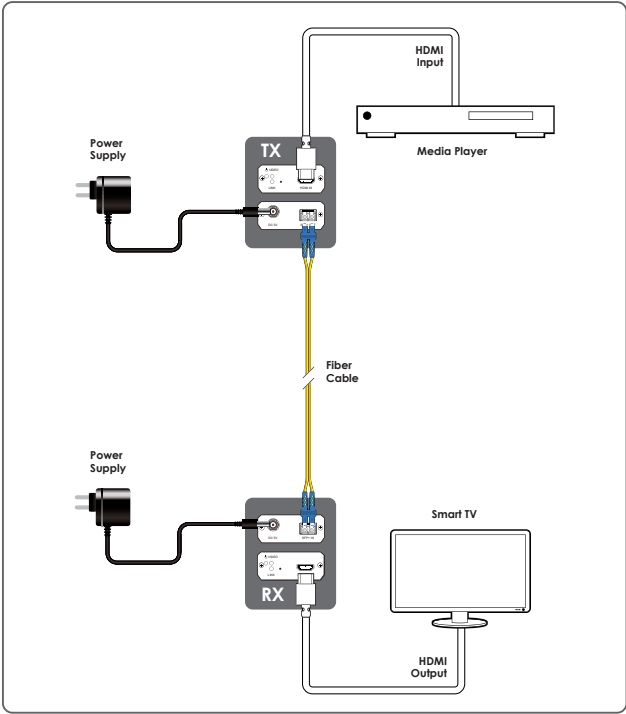
This transmitter is designed for high-quality, IP routable, AV extension up to 4K@60 4:4:4 with minimum latency. The use of interchangeable, field replaceable, SFP+ modules allows for transmission distances of up to 120km (Maximum transmission distance depends on the SFP+ modules used). Advanced HDMI 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 fiber 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. 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 via XFI (IEEE 802.3ae) compatible SFP+ fiber modules
- 4K@60 Extension up to 120km (maximum distance depends on the SFP+ module and type of fiber used)
- 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 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 (SFP+)	
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	SFP+ (Streaming)	4096x2160p@60 YUV4:4:4
Audio		
HDMI	LPCM (8 Channels), Bitstream, High Bit Rate Bitstream	
SFP+	LPCM (8 Channels), Bitstream, High Bit Rate Bitstream	
Power		
Power Supply	5V/2.6A	
Power Consumption	5.72W	
Enclosure		
Chassis Material	Metal (Aluminum)	
Chassis Color	Black	
Dimensions (W×H×D)	60mmx24.75mmx95mm [Case Only] 60mmx24.75mmx103mm [All Inclusive]	
Weight	186g	
Field Firmware Update		
IP Master Controller		

ORDERING INFORMATION

Model No.	Product Description
AVIP-P3101R-F	4K60 HDMI AV over IP Receiver
AVIP-P3101T-F	4K60 HDMI AV over IP Transmitter
CDPS-CS8-S	AV over IP Master Controller