



SDV-C1H-RX

SDVoE Full 4K 10G AV over IP CAT-Based Small Form Factor Receiver



This SDV-C1H-RX 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 cable allows transmission of the video signal up to 100m.

Advanced HDMI content such as HDR (High Dynamic Range), 10-bit colour and multichannel HD Bitstream audio can be received through the network.

The small and compact size design enhances the flexibility of installation. Additionally, the specially engineered source preview functionality added to this hardware platform increases its utility when controlled remotely. When combined with the optional IP Master Controller (the SDV-CS8) 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 SDV-C1H-RX 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 SDV-CS8 Controller or control software.

PANELS

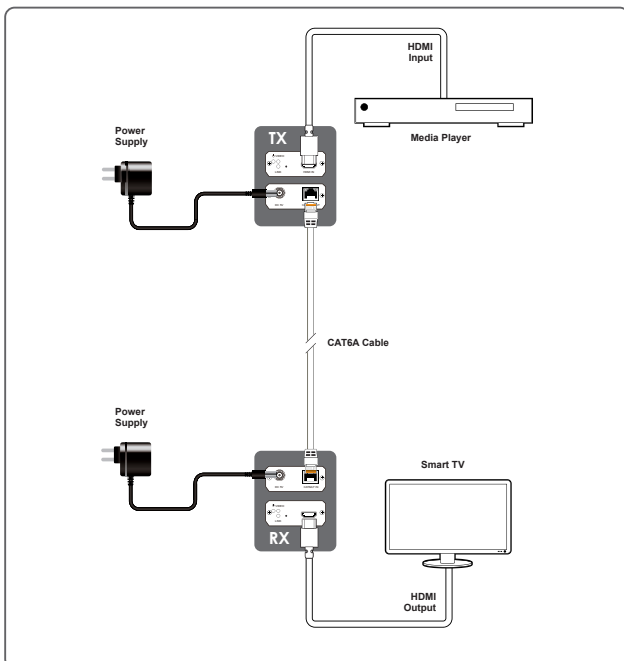


Front View



Rear View

DIAGRAM



FEATURES

- HDMI 2.0 and DVI 1.0 compatible
- HDCP 2.2 and HDCP 1.x compliant
- 4K@60 Extension up to 100m (with Cat.6A cable)
- Unit can be powered directly by PoE when connected to a 10 Gigabit Ethernet (10GbE) switch that provides PoE (802.3af)
- Video preview support when used with the SDV-CS8 Master Controller
- Supports the use of an external control center (SDV-CS8 Master Controller) or control software to provide expanded functionality
- IP routable with minimum latency
- Supports independent breakaway A/V matrix switching with minimum latency, video wall generation, and multi-view compositing
- 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

RX

Interfaces

Input Port	1x10GbE LAN (RJ-45)
Output Port	1xHDMI (Type A)

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	6.78 W

Enclosure

Chassis Material	Metal (Aluminum)
Chassis Colour	Black
Dimensions (WxHxD)	60mmx24.75mmx95mm [Case Only] 60mmx24.75mmx103mm [All Inclusive]
Weight	178g

Field Firmware Update

IP Master Controller

ORDERING INFORMATION

Model No.	Product Description
SDV-C1H-RX	SDVoE Full 4K 10G AV over IP CAT-Based Small Form Factor Receiver
SDV-C1H-TX	SDVoE Full 4K 10G AV over IP CAT-Based Small Form Factor Transmitter
SDV-CS8	SDVoE 10G AV over IP Master Controller and Configurator