

AV-9520-POE

4K2K HDMI/USB/POE KVM Extender over IP with Video-Wall

The AV-9520-POE is a perfect solution for 4K HDMI with USB/IR/RS232 over Gigabit PoE Ethernet. The system includes AV-9520T-P Transmitter (TX) and AV-9520R-P Receiver (RX). The TX connects to PC or Blu-ray player for the 4K HDMI source, the RX connects to display, speaker, microphone, and USB devices. The solution is based on the standard IP technology, the TX converts input signals (HDMI, Audio, USB, ...) to IP packets and Multicast/Unicast to Gigabit Ethernet switch. On the other end of RXs, receiving IP packets from Ethernet switch then converts back to HDMI, Audio, USB... and send to display, speaker, USB devices. Both TX and RX can be self-powered or getting PoE power from Ethernet, or TX can be self-powered and supply PoE power to RX.

The 4K Encoder/Decoder engine built with Scaling function, multiple RXs are flexible to be configured as Video-Wall displays. Perfect for AV Broadcasting, KVM Matrix Control, Video-Wall applications like informational displays, central control room, entertainment, boardrooms, courtrooms, medical, military, and education digital signage.

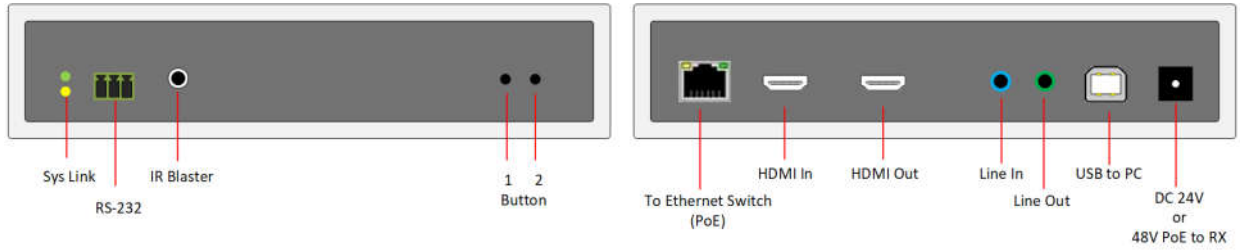


Features

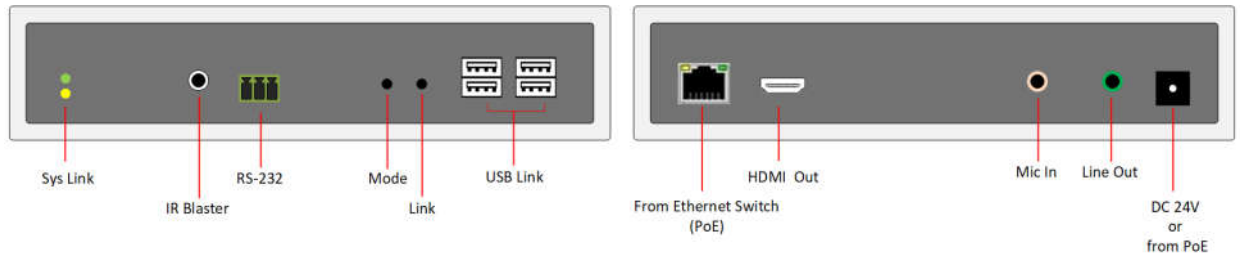
- ❖ Support 1080p or 4K HDMI (3840 x 2160) resolution.
- ❖ All TX/RX are based on Gigabit Ethernet Switch, easy cabling, easy installation, easily maintain.
- ❖ Support one-to-one (Unicast), one-to-many (Multicast) for Audio/Video real time broadcasting.
- ❖ Support many-to-many Group Broadcasting if the Ethernet switch enabled the IGMP.
- ❖ Support USB for KVM PC control, you can attach keyboard, mouse, touch screen, storage at the Receiver site to control the PC at the Transmitter site.
- ❖ The 4K Encoder/Decoder engine built with Scaling function, multiple RXs are flexible to be configured as Video-Wall displays with 180° , 270° Rotation.
- ❖ Support both HDMI and 3.5mm stereo audio, you can use speaker/microphone at the Receiver.
- ❖ Support IR option, you can use the IR remote controller at Receiver site to control the set-top box at the Transmitter site.
- ❖ Support RS-232 bridge option, you can send RS-232 data in between PC and screens.
- ❖ Support PoE2, both TX/RX can be self-powered, or powered from Ethernet Switch, or TX can be self-powered and supply power to RX.
- ❖ Pure hardware design, plug-and-play, no any additional software installation required.
- ❖ Built-in HTTP for the IP address, device name, Multi/Unicast, Baud Rate, ... settings.
- ❖ Built-in OSD Menu for Video-Wall Setup and Operation.
- ❖ Provide Connection Manager Software for TX/RX connection Management.
- ❖ Provide Video-Wall Manager Software for Video-Wall Configuration and Operation Management.
- ❖ FCC, CE, RoHS compliant.

Front, Rear Panel View

AV-9520LT-P



AV-9520R-P



Specification

Model No.		Transmitters	Receiver
		AV-9520LT-P	AV-9520R-P
Connectors	HDMI Input	1	N/A
	HDMI Output	1 (loop-out)	1
	Power	DC 24V 1A for Self-Power, or PoE2 from Ethernet Switch	
	Network Port	1 x RJ45 Gigabit	
	USB Upstream (to PC)	1	N/A
	USB to Devices	N/A	2 x USB 2.0 + 2 x USB 1.1
	Mounting Holes	Yes	
	3.5mm Line-In	1	N/A
	3.5mm Mic-In	N/A	1
	3.5mm Line-Out	1	
	IR remote control (option)	1 x IR Blaster	1 x IR Receiver
	RS-232	Yes	
	Resolution		1080p or 4K (3840x2160@30Hz)
Inter-connect Cable		CAT 6 / 7	
Environment	Operation Temperature	0~50°C	
	Storage Temperature	-20~ 85°C	
	Humidity	0~80% Non-condensing	
Physical Properties	Material	Metal (Black)	
	Weight	453 g	458 g
	Dimension	150x110x28mm	

Diagram

