AV-9530(RJ-45+SFP)

4K@60 KVM over IP Extender with Video-Wall

The AV-9530 is a perfect solution for 4K@60 KVM over IP with USB/RS232 over Gigabit IP Ethernet or Fiber. The system includes AV-9530T Transmitter (TX) and AV-9530R Receiver (RX). The TX connects to PC or Blu-ray player for the 4K 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 (Video, 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 Video, Audio, USB… and send to display, speaker, USB devices. The 4K2K 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, entertainment, boardrooms, courtrooms, medical, military, and education digital signage.

Features

- Support 1080p or 4K@60Hz(3840 x 2160)(YUV444,YUV422,RGB) IN/OUT 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 4K2K@60Hz Encoder/Decoder engine built with Scaling function, multiple RXs are flexible to be configured as Video-Wall displays with 90,180, 270° Rotation.
- Support both HD and 3.5mm stereo audio.
- Support RS-232 bridge option, you can send RS-232 data in between PC and screens.
- 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.
- Provide Connection Manager Software for Transmitters/Receivers connection Management.
- Support HDMI ARC， SPDIF ARC, (RX->TX).
- Support CEC.
- Support mouse free-flow with 4 screens.
- Support group and Transmitters list by OSD selection.
- Support RJ-45 or Fiber connection.
- Support point-to-point connection with 1920x1200/1920x1080/4K@60 resolutions ,the distance can be up to 120m by CAT6; the resoulution 1920x1080@60 ,the distance can be up to 150m by CAT6e/CAT7.
- The distance of SFP is up to the SFP module ,for example: 20km for Sigle Mode,LC;2km for Multi Mode,LC,etc.. SFP supports SFP-RJ45(Ethernet) module.

- Support SNMP management protocol(Get Only).
- Support temperature alert,if operating temperature is over 60°C,AV-9530 will send the temperature alert to SNMP manager.

Front, Rear Panel View



AV-9530T(RJ+SFP)

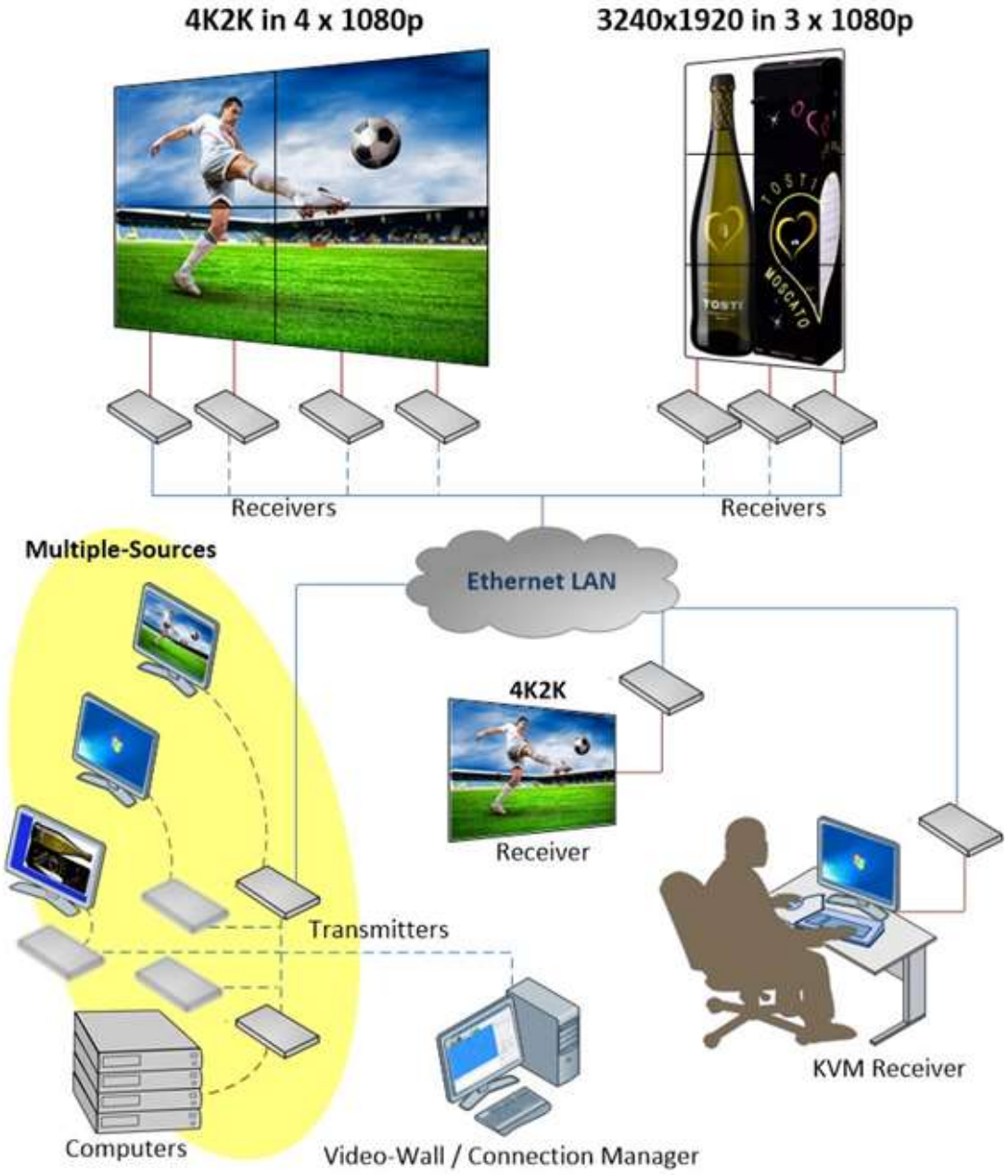


AV-9530R(RJ+SFP)

Specification

Model No.		Transmitters	Receiver
		AV-9530T(RJ-45+SFP)	AV-9530R(RJ-45+SFP)
Connectors	HD Input	1	N/A
	HD Output	1	1
	Power	DC 12V 2A	
	Network Port	1 x RJ45 Gigabit,1x SFP	
	USB Upstream (to PC)	1,(Reserved 1)	N/A
	USB to Devices	N/A	4xUSB,(Reserved 1)
	Mounting Holes	Yes	
	3.5mm Line-In	1	1
	3.5mm Line-Out	1	1
	RS-232	Yes	
Resolution		1080p or 4K (3840x2160@60Hz)	
HDMI ARC		YES	
SPDIF ARC		1(0UT)	1(IN)
Inter-connect Cable		CAT 6 / 7	
Environment	Operation Temperature	0~60°C	
	Storage Temperature	-20~ 85°C	
	Humidity	0~80% Non-condensing	
Physical Properties	Material	Metal (Black)	
	Weight	585 g	585 g
	Dimension	225x118x31mm	225x118x31mm

Diagram


4K2K in 4 x 1080p
3240x1920 in 3 x 1080p
Receivers
Receivers
Multiple-Sources
Ethernet LAN
4K2K
Receiver
Transmitters
KVM Receiver
Computers
Video-Wall / Connection Manager