AV-9510

HDMI/DVI/VGA + Audio Extender over Ethernet

(With USB, RS-232, IR options)

The AV-9510 is a perfect solution for High Definition Video and Audio Extender over Gigabit Ethernet with USB/IR/RS232 and remote power On/Off options. The system includes AV-9510T Transmitter and AV-9510R Receiver. The Transmitter connects to PC or Blu-ray player for the HDMI/DVI/VGA input source, the Receivers connect to display, speaker, microphone, and USB devices. The solution is based on the standard IP technology, the Transmitter converts input signals (video, audio, USB, …) to IP packets and Multicast or Unicast to Gigabit Ethernet switch. On the other end of Receivers, receiving IP packets from Ethernet switch then converts back to video, audio, USB … and send to display, speaker, USB devices. It is perfect for Full HD extension applications, like informational displays, entertainment, boardrooms, courtrooms, medical, military, and education digital signage.
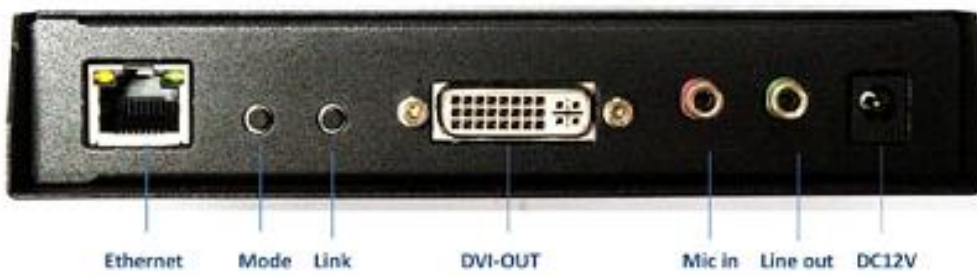
Features

- ❖ Support Full HD video 1080p and PC 1920 x 1200 @ 60Hz resolution.
- ❖ IP based, use Gigabit switch for inter-connection. Easy cabling, easy installation, easy maintenance.
- ❖ Support one-to-one (unicast), one-to-many (multicast) for Audio/Video real time broadcasting.
- ❖ Support many- to-many for group broadcasting if the Ethernet switch has the IGMP function.
- ❖ The Receiver comes with DVI-I, can output DVI/HDMI and VGA at the same time no matter if it is used with HDMI/DVI or VGA Transmitter.
- ❖ Support USB KVM extension, you can attach keyboard, mouse, touch screen, USB storage at the Receiver site to control the PC at the Transmitter site.
- ❖ 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 RS232 data in between PC and screens.
- ❖ Support remote ON/OFF option, you can remote On/Off PC.
- ❖ Pure hardware design, plug-and-play, no any additional software installation is required.
- ❖ Provide Setting Software to configure the unit (IP, Multi/Unicast, Baud Rate, …)
- ❖ Provide Connection Manager Software for Transmitters/Receivers connection Management.
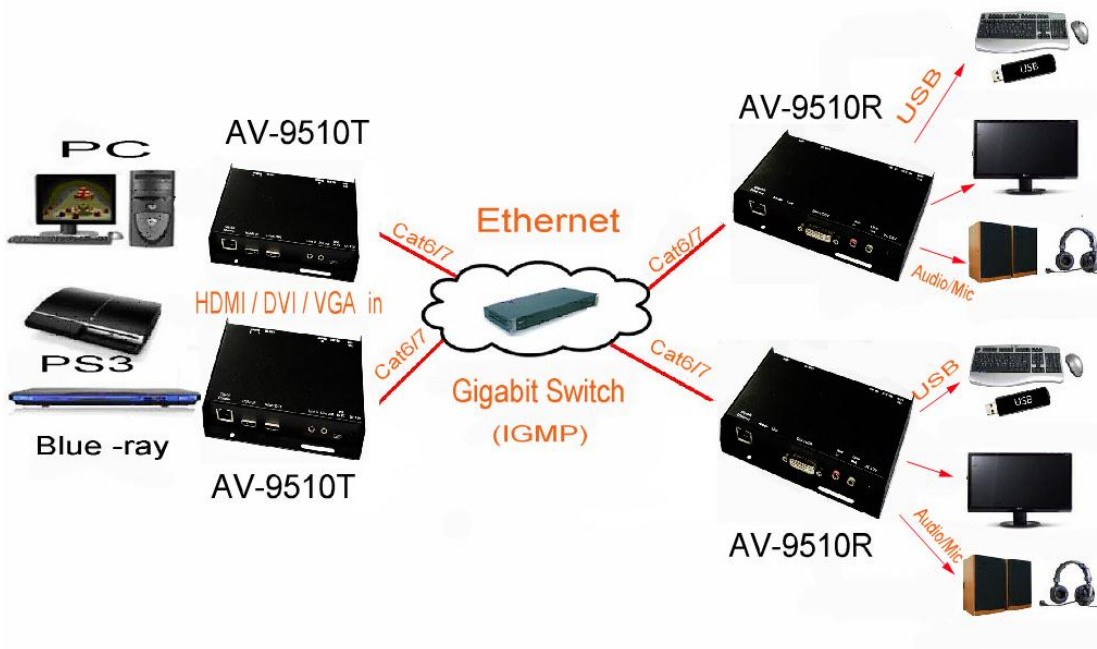- ❖ FCC, CE, RoHS.

AV-9510T

Ethernet   HDMI in   HDMI out   Line In   Line out   DC12V

USB to PC

Sys.Link   RS-232   IR Blaster   Link ID   1   2

Button

AV-9510R

Ethernet   Mode   Link   DVI-OUT   Mic in   Line out   DC12V

Sys.Link   RS-232   IR Rx   Link ID   USB link

Specification

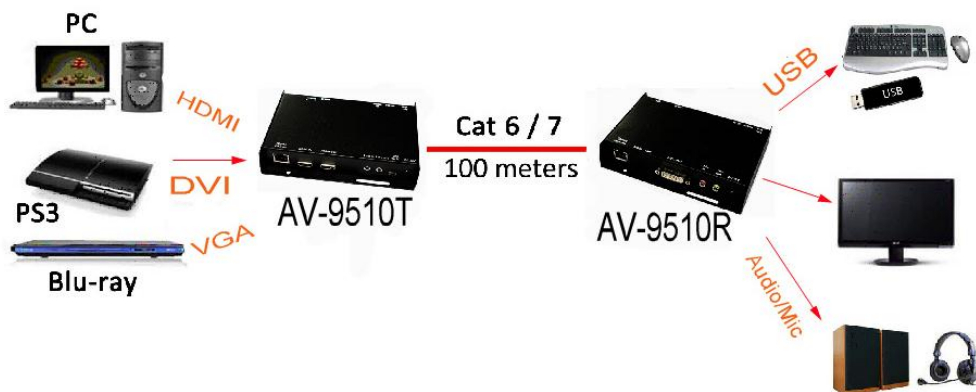| Model No.		AV-9510T Transmitter	AV-9510VT Transmitter	AV-9510R Receiver
Connectors	HDMI Input	1	N/A	N/A
	HDMI Output	1 x Local Out	N/A	N/A
	VGA Input	N/A	1	N/A
	VGA output	N/A	1 x Local Out	N/A
	HDMI/DVI + VGA Output	N/A		1 x DVI-I Connector
	Power	DC 12V 2A		
	Network Port	1 x RJ45 Gigabit		
	USB Upstream	1		N/A
	USB Downstream	N/A	N/A	3
	Mounting Holes	Yes		
	3.5mm Stereo Line-In	1		N/A
	3.5mm Mic-In	N/A		1
	3.5mm Stereo Line-Out	1		
	IR remote control (option)	1 x IR Blaster		1 x IR Receiver
	RS-232 (option)	Yes (3.5mm to DB9 adapter cable)		
	Remote On/Off (option)	Yes		
Resolution		1080p or PC 1920 X 1200 @ 60Hz		
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	453 g	458 g
	Dimension	150x110x28 mm	150x110x28 mm	150x110x28 mm

Diagram

For HDMI/VGA Broadcasting：

● **Over Gigabit Ethernet switches.**

● **Direct Connection (**100m**)**

● **19" 1U Rack Mount Plate for 2 x AV-9510T**