

# AVK-950

## HDMI/VGA with USB Extender & Video wall over IP Ethernet

### AV-950T & AV-950R

The AVK-950 is a perfect solution for HDMI/DVI Video-Wall that extends HDMI/VGA, USB, IR and RS-232 over IP Ethernet. It includes AV-950T Transmitter and AV-950R Receiver. The AV-950T Transmitter connects to PC or Blue-ray player for the HDMI/DVI/USB input source. The AV-950R connects to HDMI/DVI video-wall displays or GVA display, speaker, microphone, and audio devices. This solution is based on the standard Gigabit Ethernet and provides high flexibility for expansion. Any Gigabit or Fiber Ethernet LAN switches can be used to inter-connect the Transmitters and Receivers for the high definition Audio/Visual extension applications, like informational displays, entertainment, boardrooms, courtrooms, medical, military, and education digital signage.



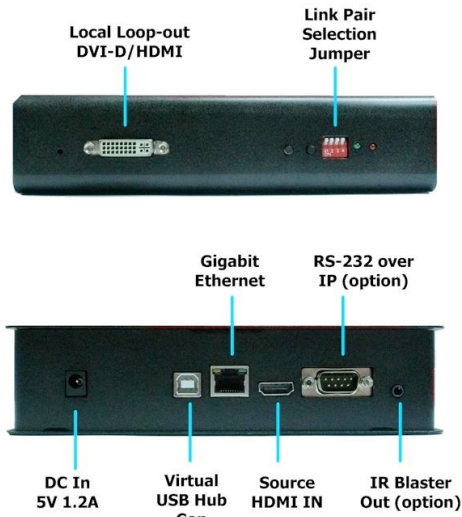
**AV-951 R100**

## Features

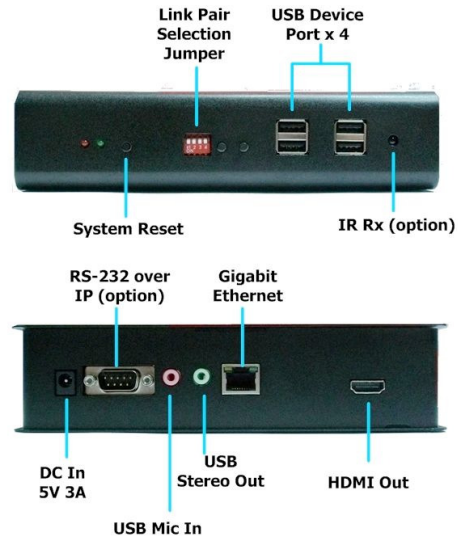
- ❖ Based on Gigabit IP Ethernet, all standard Gigabit or Fiber LAN switches can be used for inter-connection. Easy cabling, easy installation, and easy maintenance.
- ❖ Support One-to-One (Uni-Cast) and One-to-Many (Multi-Cast) applications.
- ❖ Support 4 x USB over IP devices for the KVM extension, you can attach keyboard, mouse, storage, speaker, microphone at the Receiver site to control the PC at the Transmitter site.
- ❖ Cost effective, with high flexibility for expansion. Simple to move from 2 x 2 to 3 x 3 and up to 8 x 8. Integrated support with the IR/USB bridge extension. You can use the IR remote controller or USB keyboard/mouse at the Receiver site to control the Blue-ray player or PC at the source site.
- ❖ Built-in USB sound card, you can directly connect speaker and microphone on the Receiver.
- ❖ Both HDMI and VGA Receivers are available; it is possible to mix HDMI Transmitter with VGA Receiver in the same network.
- ❖ Support IR and RS232 options, you can use the IR remote controller at Receiver site to control the set-top box at the Transmitter site.
- ❖ Support remote ON/OFF option, you can remote switch ON/OFF at the Receiver site to the PC at the Transmitter site.
- ❖ Pure hardware design, plug-and-play, no additional software installation is required.
- ❖ Windows based Management Software is available for TX/RX connection management.

# Front and Back View:

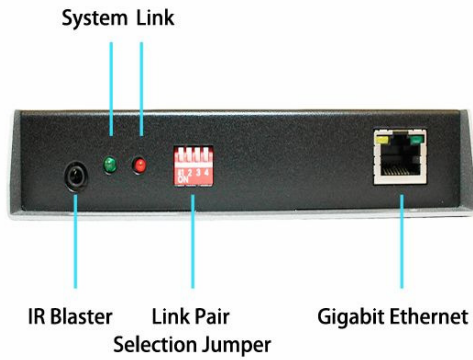
## AV-950T Transmitter



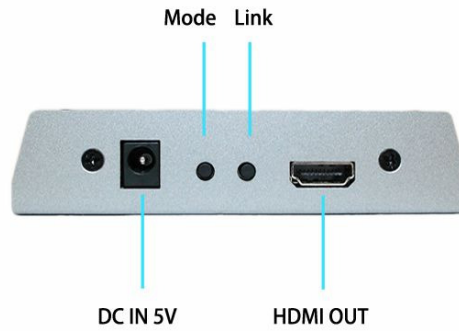
## AV-950R Receiver



## AV-951 R100 Front View



## AV-951 R100 Side View

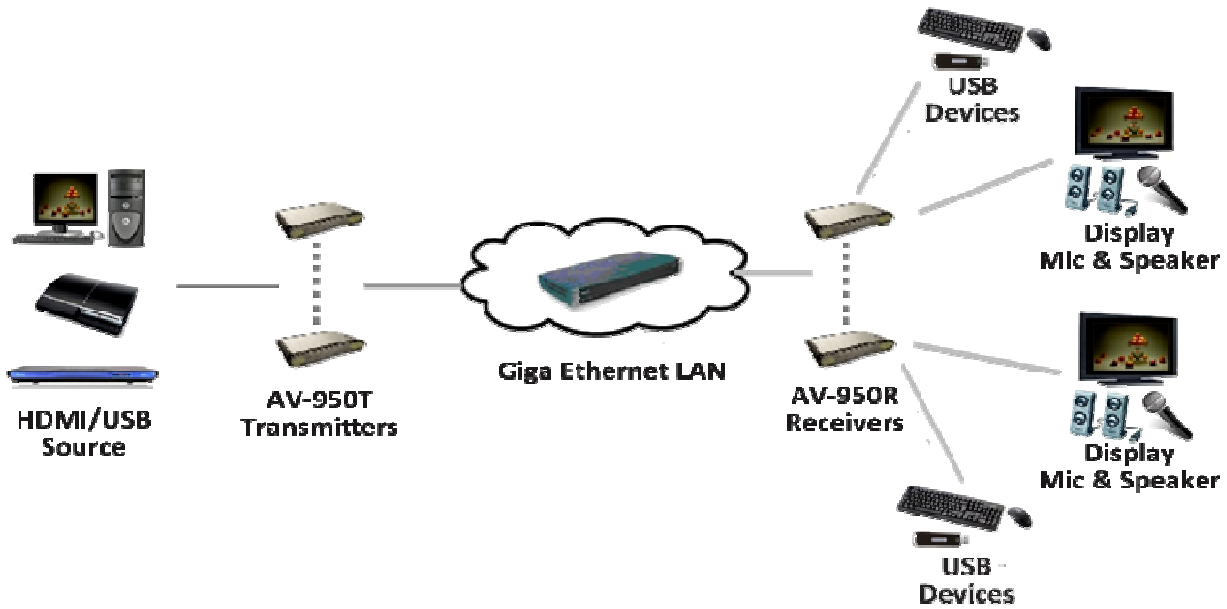


## Specification

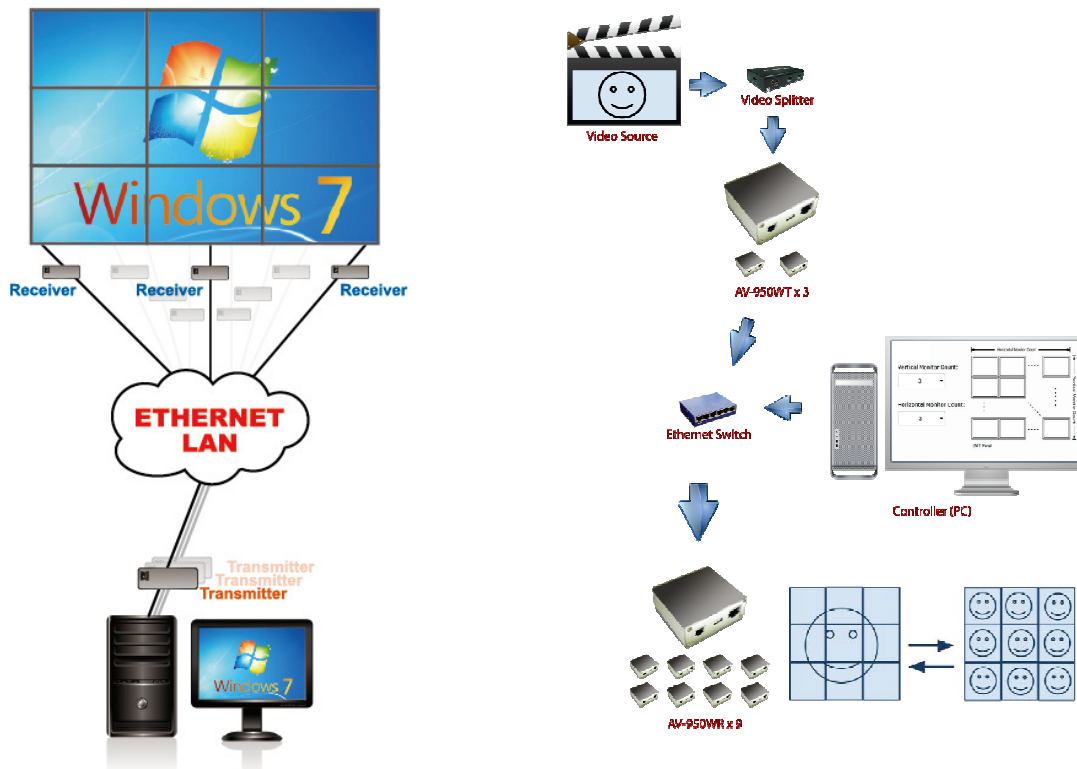
Kit No.		AVK-950		
Model No.		AV-950T	AV-950R	AV-951R100
Connectors	HDMI Input	1	X	1
	HDMI Output	X	1	X
	VGA Output	X	X	1
	DVI-D Output	1 (local loop-out)	X	X
	Power	5V 1.2A	5V 3A	5V 3A
	Network Port	1 x RJ45 Female Giga bps		
	USB Upstream B type	1	X	X
	USB Downstream A type	X	4	X
	VESA	X	X	YES
	3.5mm Stereo Speaker Jack	X	1	1
	3.5mm Microphone Jack	X	1	X
	IR remote control (option)	1 x IR Blaster	1 x IR Receiver	1 x IR Receiver
	RS-232 (option)	1	1	1
	Remote Power On/Off (option)	1	1	1
Resolution		1920X1080@60Hz (or 1080p)		
Inter-connect Cable		CAT 6 / 7		
Environment	Operation Temperature	0~70°C		
	Storage Temperature	-20~85°C		
	Humidity	0~80% Non-condensing		
Physical Properties	Material	Metal		
	Weight	625 g	625 g	390g
	Dimension	191x122x35 mm	191x122x35 mm	135x110x24 mm

# Diagram

## For Transmission :



## For Video Wall :



## Ordering Information

AV-950T	HDMI over IP Transmitter with USB upstream
AV-950R	HDMI over IP Receiver with 4 x USB downstream and Mic/Line-Out
AV-951R100	HDMI over IP Receiver with Line-Out