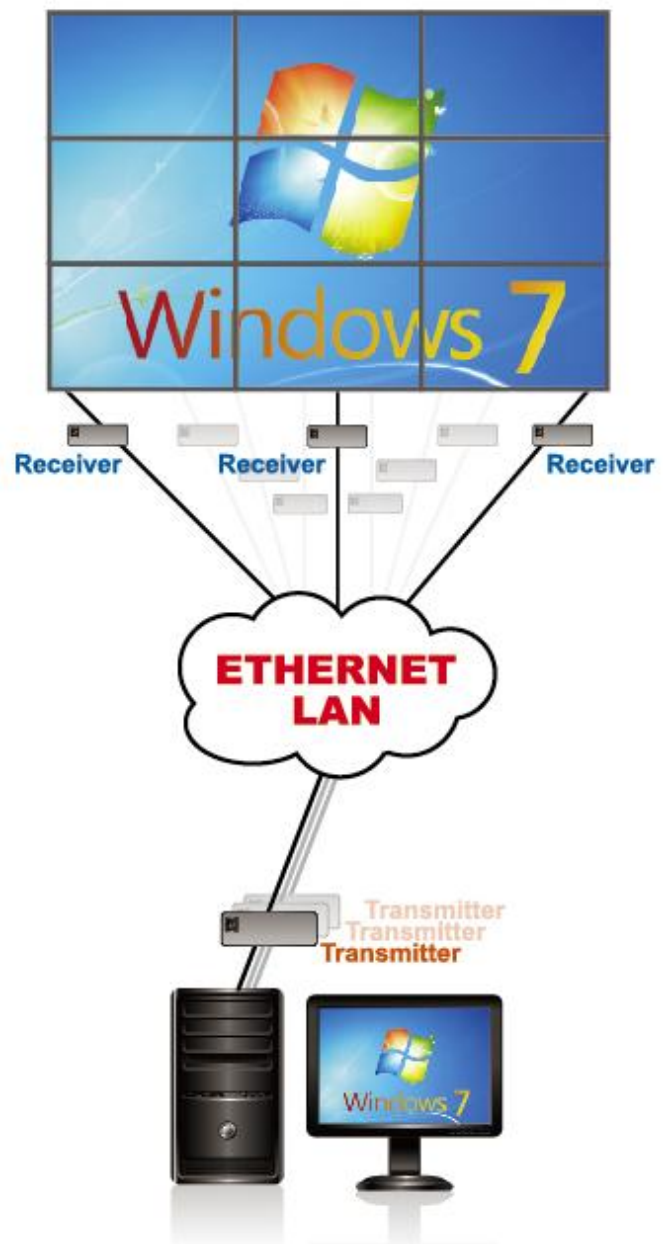# AV-950W HDMI Video-Wall over IP Ethernet

The AV-950W is a perfect solution for HDMI/DVI Video-Wall over IP Ethernet. It includes AV-950WT Transmitters and AV-951WR Receivers. The AV-950WT Transmitters connect to PC or Blue-ray player for the HDMI/DVI input source. The AV-951WR Receivers connect to HDMI/DVI video-wall displays and audio devices. The communication protocol between the units is Internet Protocol (IP) based, any Gigabit or Fiber Optical Ethernet switch can be used for the Transmitter/Receiver inter-connection. That means the HDMI/DVI video input source can be located away from the video-wall displays but within the local network.

The system provides high flexibility for expansion. A Transmitter is required for each row of displays and a Receiver unit is required for each individual display. It is very easy and flexible to expand your video-wall from 2 x 2 to 3 x 3 and … up to 8 x 8 by adding transmitter and receiver units.

Features:

- Support HD video 1080p and PC 1920 x 1080 @ 60Hz resolution.

- Based on standard Internet Protocol, any Gigabit or Fiber Optical Ethernet switch can be used for inter-connection. Easy cabling, easy installation and easy maintenance.

- The HDMI/DVI video input source can be remote from the video-wall displays anywhere within the local network.

- 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.

- Plug-and-play setup and an embedded Management Control Web-Page in the transmitter unit. Simply use Web Browser to manage video-wall settings and operation.

Front and Back View:

AV-950WT

Local Loop-out

HDMI OUT

DC In 5V 2A
Virtual USB Hub Con
Source HDMI In
IR Blaster Out (option)

Gigabit Etnernet
RS-232 over IP (option)

Link Pair Selection Jumper

AV-950WR

Link Pair Selection Jumper
USB Device Port x 4

RS-232 over IP (option)
USB Stereo Out

DC In 5V 2A
USB Mic In
Gigabit Etnernet
HDMI Out

AV-951WR

Link Pair Selection Jumper

RS-232 over IP (option)
HDMI Out

DC In 5V 2A
Gigabit Etnernet

Specifications:

		AV-950WT Transmitter	AV-950WR Receiver	AV-951WR Receiver
Connectors	HDMI Input	1	N/A	
	HDMI Output	1 (local loop-out)	1	
	Power	5V 2A	5V 2A	5V 2A
	Network Port	1 x RJ45 Female Gigabit		
	USB Upstream B type	1	N/A	
	USB Downstream A type	N/A	4	N/A
	3.5mm Stereo Speaker Jack	N/A	1	
	3.5mm Microphone Jack	N/A	1	
	IR remote control (option)	1 x IR Blaster	1 x IR Receiver	
Resolution		1920X1080@60Hz (or 1080p)		
Inter-connect Cable		CAT 6 or 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	420 g
	Dimension	170x122x35 mm	170x122x35 mm	118x122x32 mm

Ordering Information

AV-950WT	HDMI over IP Transmitter with USB bridge upstream
AV-950WR	HDMI over IP Receiver with 4 x USB downstream
AV-951WR	HDMI over IP Receiver without USB downstream

Diagram

Video Source

Video Splitter

AV-950WT x 3

Ethernet Switch

Controller (PC)

AV-950WR x 9