* Flexible and scalable HDMI 1080p Video Wall multicasting with Gigabit Ethernet LAN
* Multicasting architecture, no more bandwidth loading
* Support MxN display array in a single Video Wall system.
* Transmits an HDMI signal over one CAT5e/6/7 cable.
* HDMI 1.3b and HDCP 1.2 compliant
* Dual power input: 802.3af compliant PoE & DC5V
* Up to 8 transmitters and 128 receivers possible in a single system
* Built-in rotary DIP switch to change Group ID and Utility for remotely

Introduction

The HDP-150T/R Series is an innovative HDMI-over-PoE digital signage Solution. Designed with transmitting units (HDP-150T) and receiving units (HDP-150R), it is exceptionally scalable, offering any combination up to 8x16 matrix video wall arrangement. The HDP-150T/R Series riches video wall connectivity options to public premises such as sports bars, cinemas, transport stations, or highly demanded monitoring sites such as emergency response centers, security organization, or traffic monitoring units.

PoE Connectivity, Centralization and Grouping

The HDP-150T/R series support powered by 802.3af PoE & DC5V, support remote power on/off by PoE managed switch. support plug-and-play by rotary DIP switch to adjust different group or software utility, a controller PC to set display array via web .

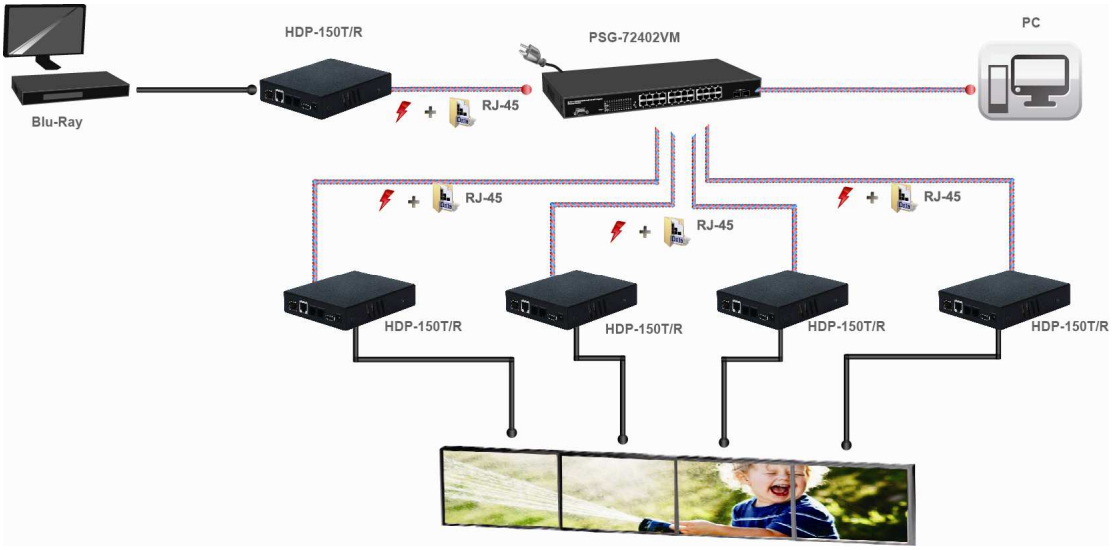
How it works

In the system, video signal is distributed by connecting HDMI-over-PoE digital signage Transmitter (HDP-150T) to HDMI video source. At each of displaying monitors, one receiving unit (HDP-150R) is attached to complete the system. The solution is highly flexible that Point-to-Point or Point-to-Many topologies could be conveniently arranged. And to meet wider range of application requirement, Many-to-Many connection is also easily achievable and manageable through IGMP v1/2 with a managed network switch, where multiple video sources could be freely distributed to required monitors. The video gridding layout is modifiable with software utility provided. With advanced multicasting technology the bandwidth is not heavily loaded to the number of displaying units.

Technical Specifications

Video Wall mode	Support MxN HDMI display array Up to 8 transmitters and 128 receivers possible in a single system need a controller PC to set the Video Wall configuration
Audio	HDMI formats
Network Connector Type	1000Mbps RJ-45, SFP
Signal type	HDMI 1.3 & HDCP 1.2 compliant
HDMI Connector	Type A 19 pin, female
System Cable	CAT5e/6/7 UTP/FTP/STP cable, Optical fiber
Maximum Resolution	HDTV 1080p (1920x1080 @ 60Hz)
LED Indicator	PWR: Power LED indicator LINK: LAN connection indicator DATA: Data link indicator
Push Button	Push Button1: change Link / Unlink; Engineering Mode and Push Button2(for Receiver only): change between Video Mode / Graphic Mode ; Anti-Dither ; Update EDID Multicast Support Point-to-Point, Point-to-Many and Many-to-Many network configuration Multi-casting group with Gigabit Ethernet switch (required IGMP v1/2)
Power & Consumption	5V/2.5A DC , 802.3af PoE Power consumption: Max. 8W
Dimensions	142x107x25 mm
Storage Humidity	5~95% RH (no condensation)
Storage Temperature	-10~80°C
Operating Humidity	10~85% RH (no condensation)
Operating Temperature	0°C to 50°C
Weight	0.8kg
regulatory Approvals	CE, FCC

Point-to-Many



Many-to-Many