



HVE-6601R



HVE-6601T

# HDMI Video Wall over IP PoE Transmitter / Receiver

H/W Version: 1

## Product overview

The LevelOne HVE-660 Series is an innovative HDMI-over-IP Video Wall Distribution Solution. Designed with transmitting units (HVE-6601T) and receiving units (HVE-6601R), it is exceptionally scalable, offering any combination up to 8 x 8 matrix video wall arrangement. The HVE-660 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.

## How it works

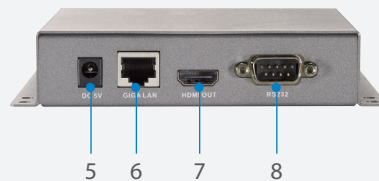
In the system, video signal is distributed by connecting HDMI-over-IP Video Wall Transmitter (HVE-6601T) to HDMI video source, via HDMI splitter if necessary. At each of displaying monitors, one receiving unit (HVE-6601R) is attached to complete the system. The solution is highly flexible that Point-to-Point 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 VLAN & 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 broadcasting technology the bandwidth is not heavily loaded to the number of displaying units.

## PoE Connectivity, Centralization and Grouping

The HVE-660 series support powered by 802.3af PoE & DC5V, support remote power on/off by PoE managed switch. the RS-232 over TCP/P can centralizing adjustments of HDMI display monitors settings. support plug-and-play by DIP switch to adjust different group or software utility, a controller PC to set display array via web .

## HVE-6601R



1. LEDs
2. Push Button1
3. Push Button2
4. Group ID
5. DC input 5V/A
6. Gigabit Ethernet Port
7. HDMI Output
8. RS-232 no use in Video wall

## HVE-6601T



9. LEDs
10. Push button1
11. Group ID
12. DC input 5V/A
13. Gigabit Ethernet Port
14. HDMI In
15. RS-232 for Y cable to sync

## Key Features

- Flexible and scalable HDMI 1080p Video Wall Broadcasting with Gigabit Ethernet LAN
- Multicasting and broadcasting architecture, no more bandwidth loading
- Support NxN 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 64 receivers possible in a single system
- Built-in DIP switch to change Group ID and Utility for remotely
- RS-232 Control Pass-Thru to control HDMI display from transmitter side

## Relate Products



### GEP-2450

24 GE PoE with 4 Dual Speed Combo SFP Web Smart Switch



### POR-0120

Gigabit PoE repeater

## Technical Specifications

### Maximum Resolution

HDTV 1080p (1920x1080 @ 60Hz)

### System Cable

CAT5e/6/7 UTP/FTP/STP cable

### HDMI Connector

Type A 19 pin, female

### Signal type

HDMI 1.3 & HDCP 1.2 compliant

### System Connector Type

100/1000Mbps RJ-45

### Audio

HDMI formats

### LED Indicator

PWR: Power LED indicator

LINK: LAN connection indicator

DATA: Data link indicator

### Push Button

Push Button1: change Link / Unlink; Engineering Mode and Reset to default

Push Button2(for Receiver only): change between Video Mode / Graphic Mode ; Anti-Dither ; Update EDID

### Multicast and broadcast

Support Point-to-Point, Point-to-Many and Many-to-Many network configuration

Multi-casting group with Gigabit Ethernet switch (required 802.1Q VLAN & IGMP v1/2)

### Video Wall mode

Support NxN HDMI display array (n=2~8)

Up to 8 transmitters and 64 receivers possible in a single system

need a controller PC to set the Video Wall configuration

### RS-232

DB9-F RS232 Port

### Operating Temperature

0°C to 50°C

### Operating Humidity

10~85% RH (no condensation)

### Storage Temperature

-10~80°C

### Storage Humidity

5~95% RH (no condensation)

### Dimensions

140x114x28 mm

### Power & Consumption

5V/1A DC , 802.3af PoE

Power consumption: Max. 8W

### Weight

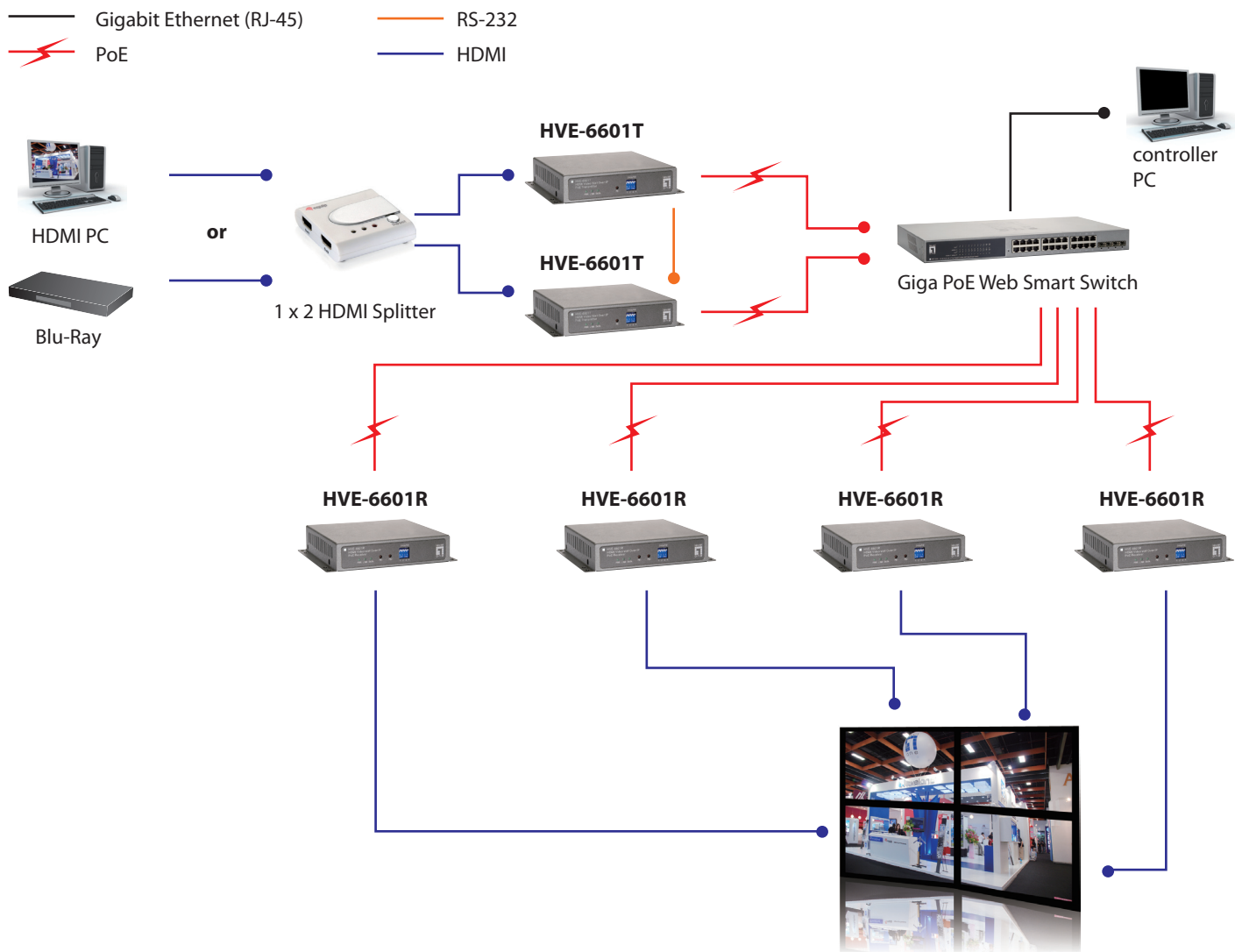
0.8kg

### regulatory Approvals

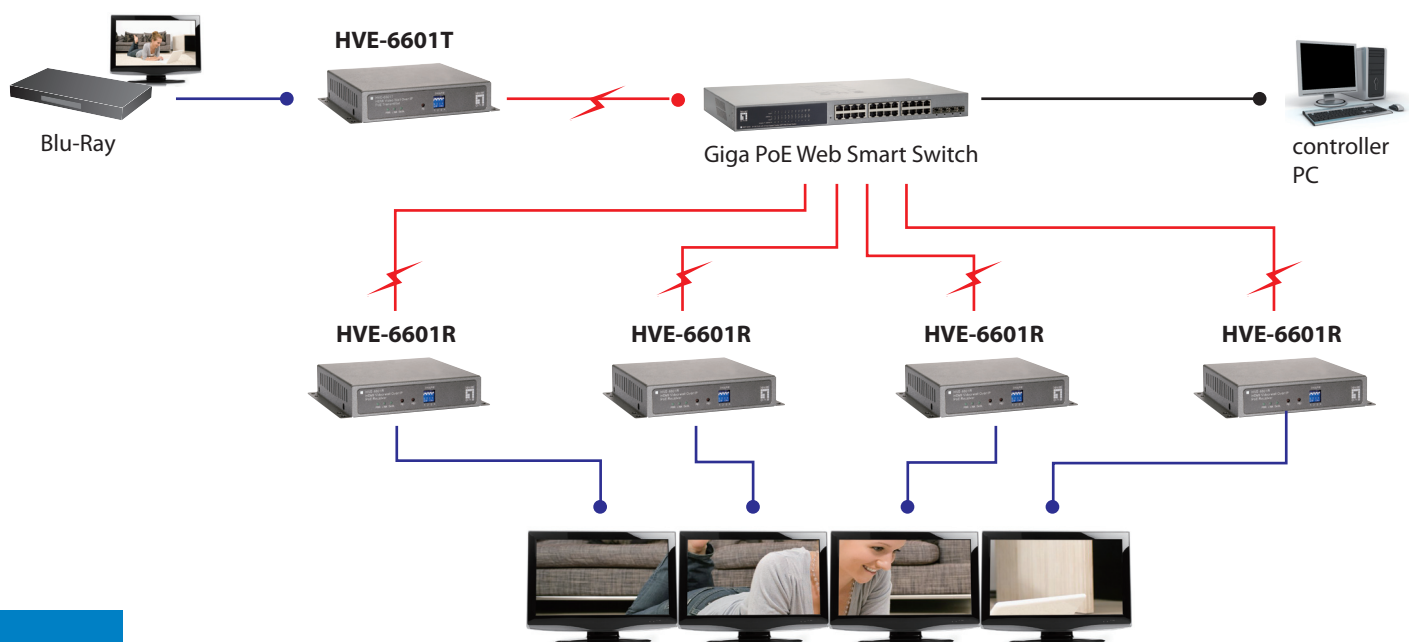
CE, FCC

## Product Diagram

### 2x2 Video Wall Application : 2T+4R



### 1x4 Video Wall Application : 1T+4R





## Order Information

**HVE-6601T:** HDMI Video Wall over IP PoE Transmitter

**HVE-6601R:** HDMI Video Wall over IP PoE Receiver

## Package Contents

### **HVE-6601T:**

Power Adapter

RS-232 Y-Cable

CD Manual/Utility

Quick Installation Guide

### **HVE-6601R:**

Power Adapter

CD Manual/Utility

Quick Installation Guide

## Option Accessories



**#332712**

HDMI splitter 1-to-2



**#332714**

HDMI splitter 1-to-4