

**P2K-HL3E1**  
**P2K-HL3E1-P**

**1080p HDMI Extender over IP**  
**1080p HDMI Extender over IP with PoE**



**P2K-HRSL3E1/ P2K-LHRS1E3**  
**P2K-HRSL3E1-P/ P2K-L-HRS1E3-P**

### Introduction

HDMI Extender over IP for point to point, point to multi-point, multi-point to multi-point and screen wall broadcast including RS-232 and IR control extension. Easy installation with networking 10/100 BASE-T switch hub and CAT-5 cable for building up the extension or broadcast system.



### Features

- RS-232 bi-directional extension
- 4 bits switch for 16 stream channel selection
- 2 bits switch for 8 RS-232 Baud rate setting
- HDCP compliant and Blu-Ray ready
- Support IR extension
- Automatic EDID configuration
- Networking environment under 10/100 BASE-T switch hub and CAT-5 cable
- Point to point extension, unicast, multicast and screen wall system.
- Point to point extension via CATx without Ethernet switch up to 100M
- Support PC tool Ethernet and web UI control
- P2K-HL3E1-P version supports Power over Ethernet

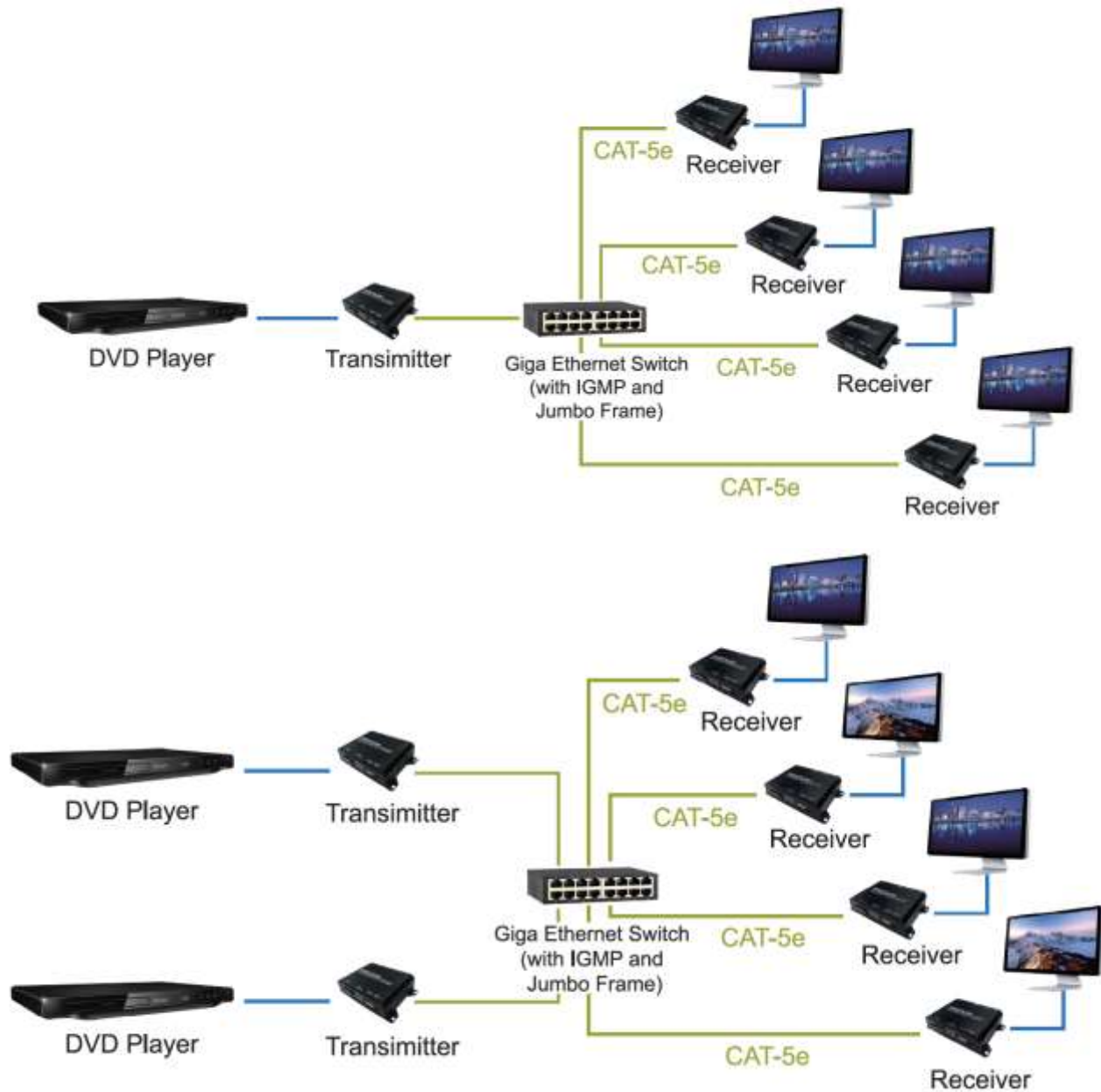
## Application

- Unicast, point to point extension.
- Multicast, point to multi points or multi points to multi points extension
- Screen wall installation.

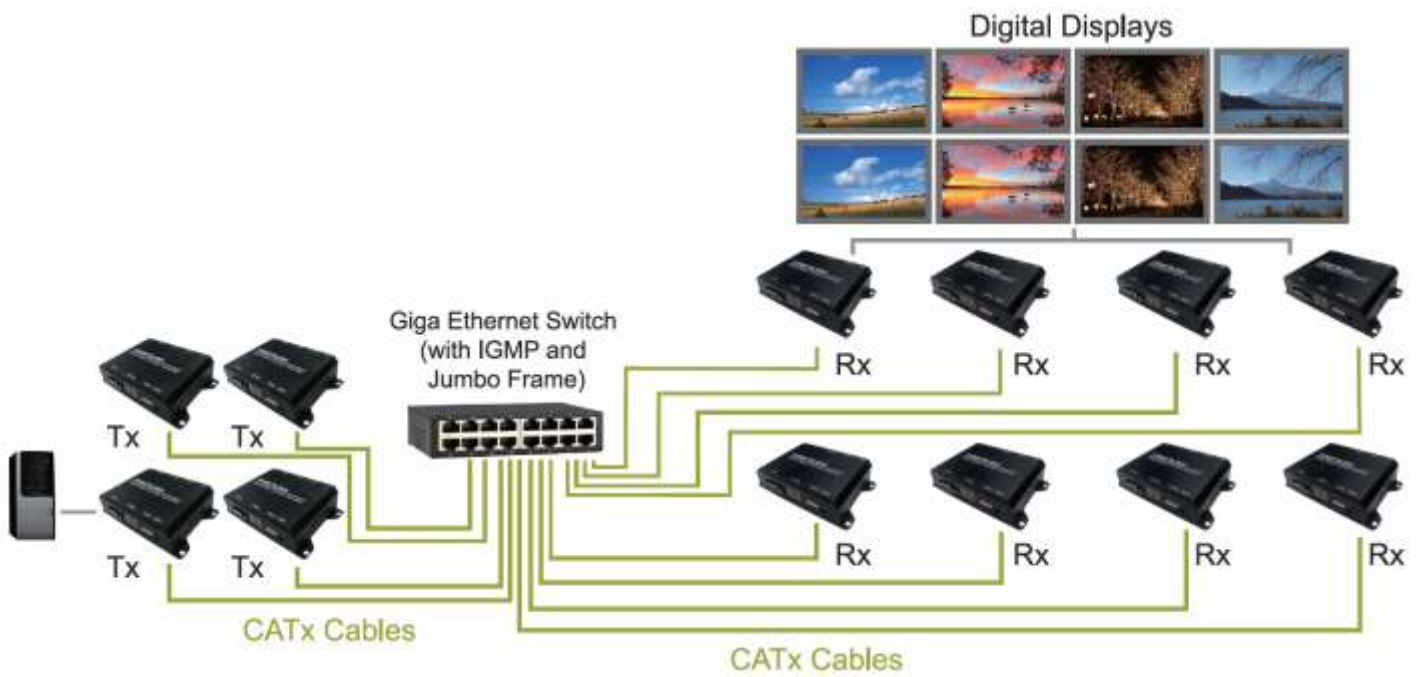
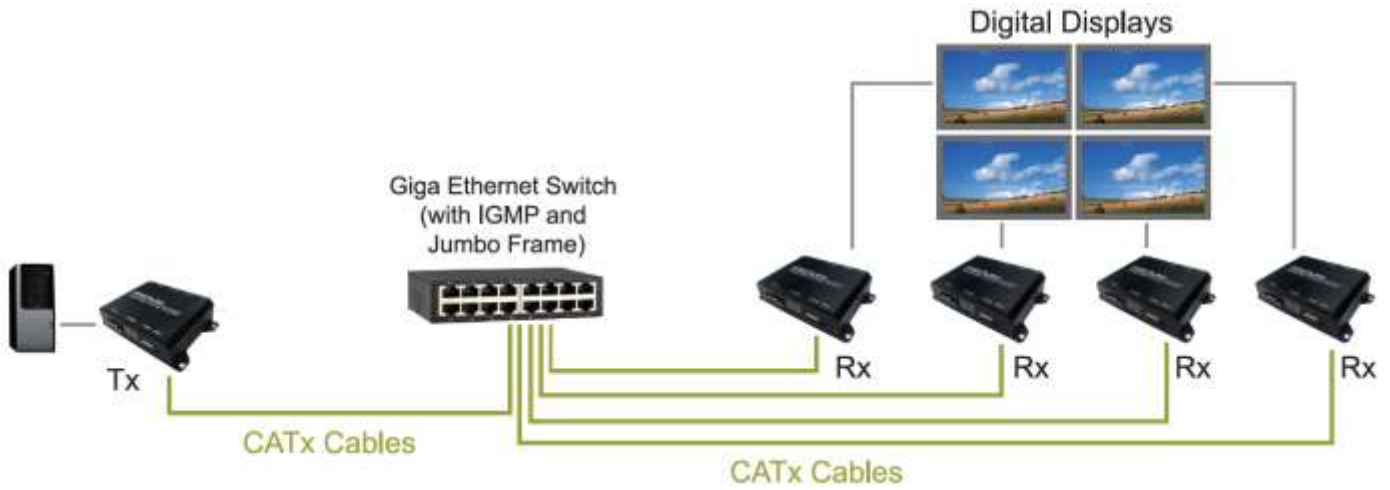
### ■ Unicast



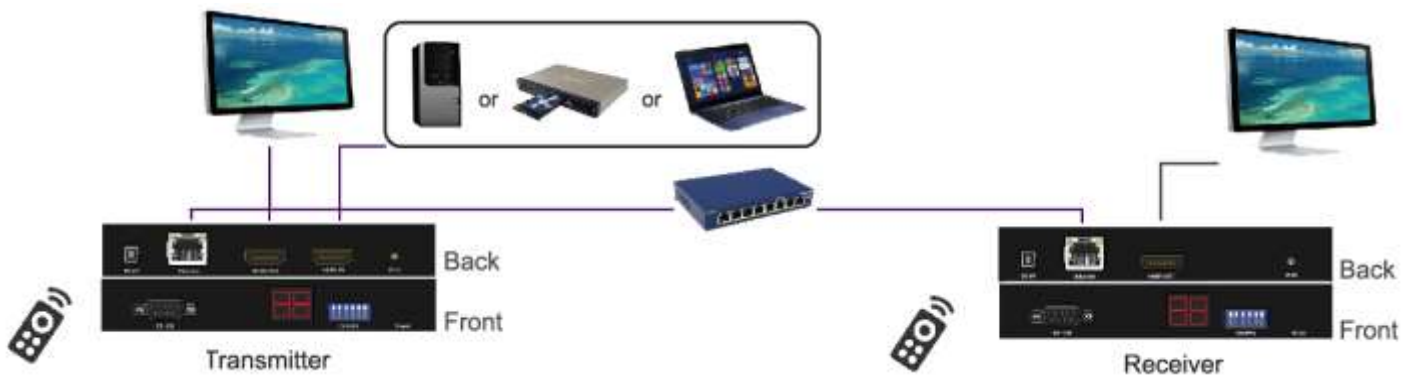
### ■ Multicast



## ■ Screen Wall



## ■ Configuration



## Specifications

<b>P2K-HL3E1 P2K-HL3E1-P 1080p HDMI Extender over IP</b>	<b>P2K-HRSL3E1 P2K-HRSL3E1-P Transmitter</b>	<b>P2K-LHRS1E3 P2K-LHRS1E3-P Receiver</b>
<b>VIDEO INPUT</b>	HDMI Type-A female connector	None
<b>VIDEO OUTPUT</b>	HDMI Type-A female connector for loop through	HDMI Type-A female connector
<b>IR</b>	3.5mm phone jack for IR emitter to control video source device	3.5mm phone jack for IR receiver cable to receive remote signal
<b>COMPRESSION</b>	H.264 compression video format Full HD encoder/ decoder MP3 compression audio format stereo 192Kbps encoder/ decoder. Media stream up to 18Mbps	
<b>HDMI INPUT RESOLUTION</b>	1080p 60/50, 1080p 30/25, 1080i 60/50, 720p 60/50, 480i 60/50, 480p 60/50	
<b>HDMI OUTPUT RESOLUTION</b>	1080p 60/50, 1080i 60/50, 720p 60/50, 480i 60/50, 480p 60/50	
<b>AUDIO FORMAT</b>	Stereo 192Kbps	
<b>IP PROTOCOL</b>	TCP, UDP, RTSP, RTP, DHCP, IGMP, Multicast, IPV4	
<b>LAN PORT</b>	RJ-45 connector for 10/100 BASE-T CAT-5 extension	
<b>SERIAL</b>	DB-9 female connector for RS-232	
<b>POWER INPUT</b>	2.0mm power jack for DC5V/2A RJ-45, Power over Ethernet 36V~57V / 7W in (PoE model only)	
<b>OPERATING TEMPERATURE</b>	0~55°C	
<b>OPERATING HUMIDITY</b>	5%~90% RH	
<b>POWER ADAPTER</b>	AC in 100~240V (50~60Hz), DC5V/2A out	
<b>ESD</b>	ESD protection air gap discharge ±8KV, contact discharged ±4KV	
<b>DIMENSION</b>	130 x 82 x 30.25 mm ( L x W x H )	
<b>WEIGHT</b>	290g per transmitter or receiver unit	

