

# 4K UHD HDMI / USB EXTENDER OVER IP

P4K-HRSL4E1 / P4K-LHRS1E4

P4K-HRSL4E1-P / P4K-LHRS1E4-P (PoE)



## OVERVIEW

The Partilink 4K UHD HDMI / USB over IP Extender is composed of transmitter and receiver to extend HDMI, USB, RS232, and IR over IP via CATx cable and Gigabite Ethernet switch. It can be applied for point to point uni-cat, point to multi-point or multi-point to multi-point multi-cast and video wall. Easy installation with networking Giga Ethernet switch and CAT-5e cable for building up the extension or broadcast system.

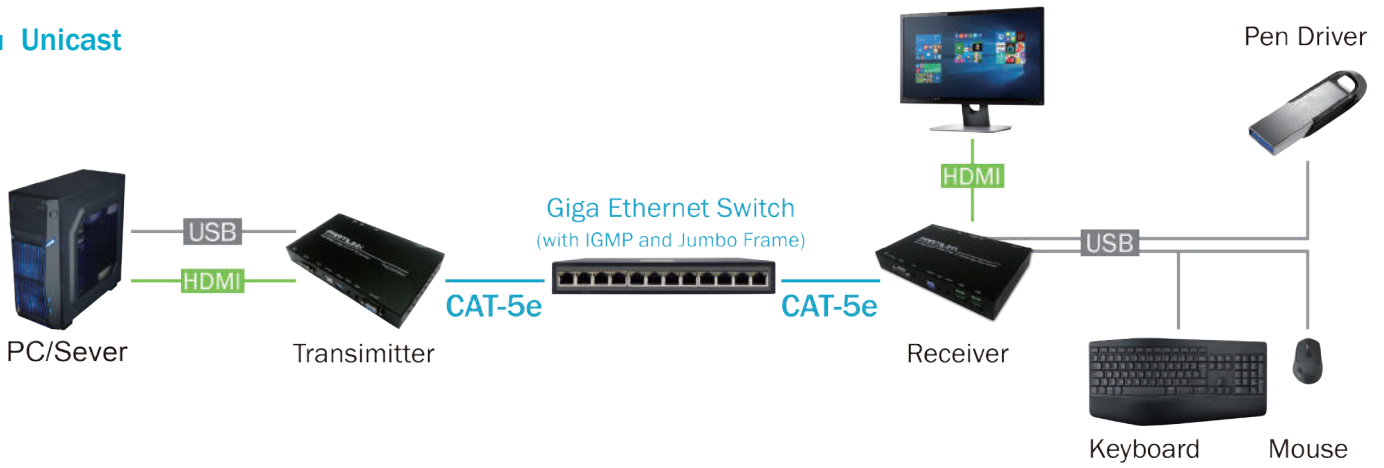
## FEATURES

- 4K UHD HDMI over IP extension
- USB 2.0 over IP extension
- RS-232 bi-directional extension
- 4 bits DIP switch for 16 stream channel selection
- HDCP 1.4 compliant and Blu-Ray ready
- Two way IR extension
- Output video rotation
- Output video partial enlargement
- Automatic EDID configuration
- Networking environment under Giga Ethernet switch and CAT-5e cable
- Point to point extension, unicast, multicast and video wall system
- Point to point extension via CAT-5e cable without Ethernet switch up to 100M
- Ethernet webpage management
- RS-232 serial control command management
- P4K-HRSL4E1-P / P4K-LHRS1E4-P supports power over Ethernet

## APPLICATION

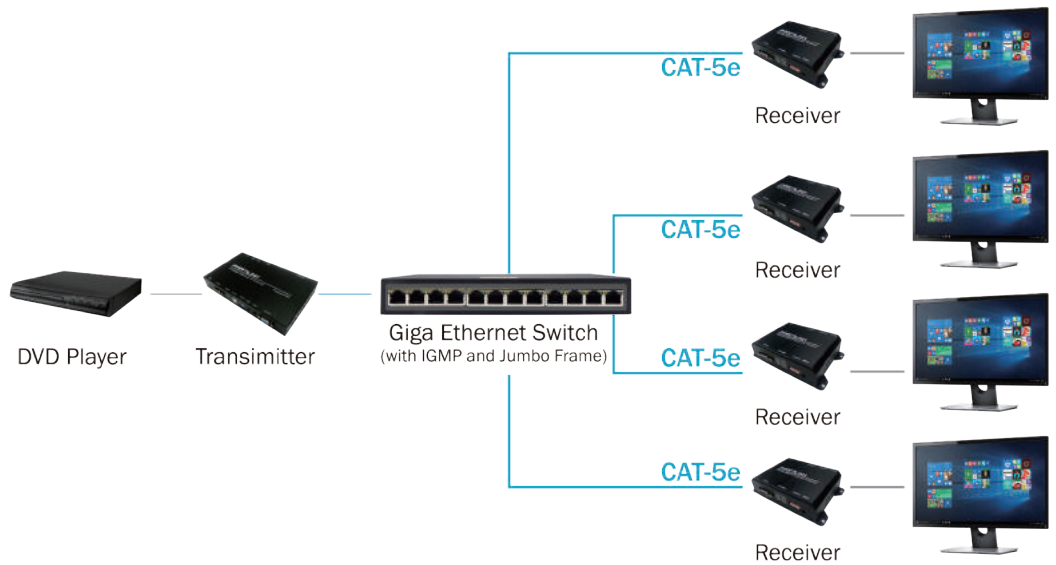
- Unicast, point to point extension
- Multicast, point to multi points or multi points to multi points extension
- Screen wall installation

### ■ Unicast

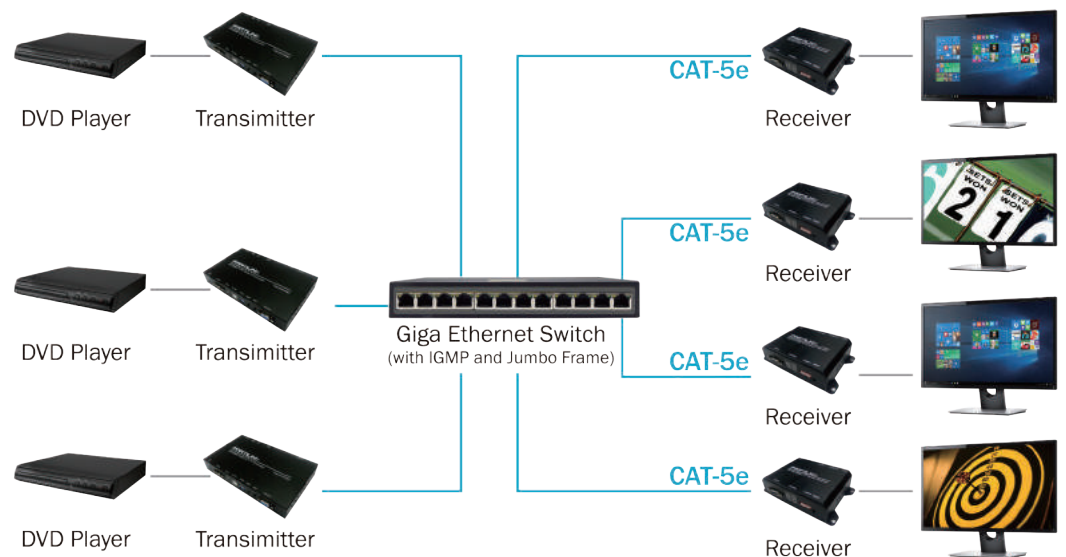


### ■ Multicast

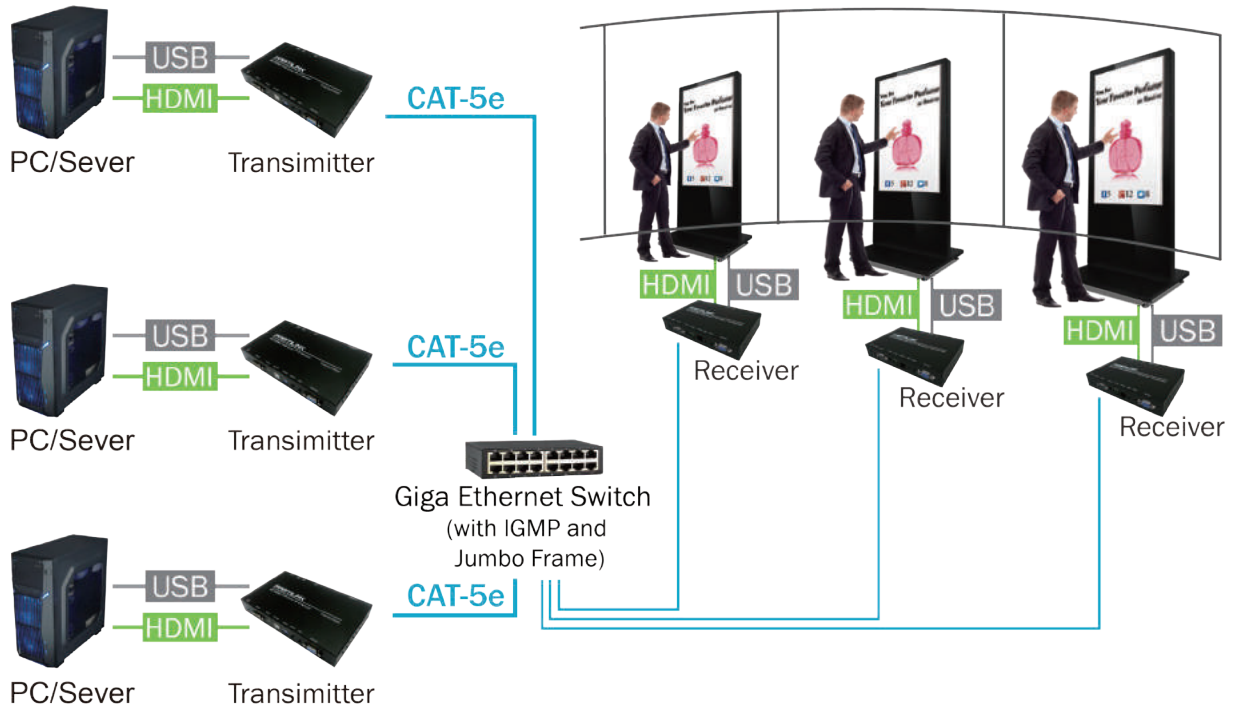
#### a. Video Distribution



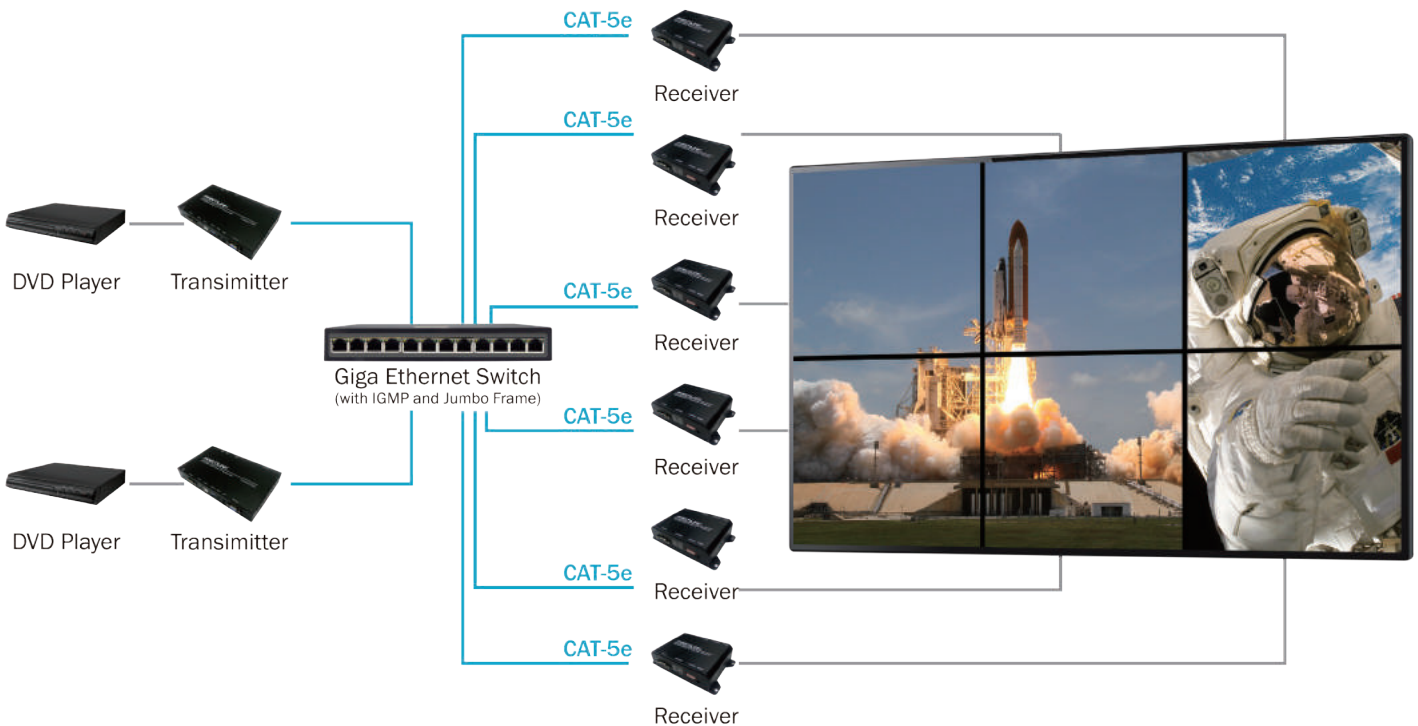
#### b. Matrix Distribution



## c. Billboard & Kiosk, PC to HDMI and USB Interactive Monitor



## ■ Video wall



## SPECIFICATION

MODEL NO.	P4K-HRSUL4E1 P4K-HRSUL4E1-P Transmitter	P4K- LHR SU1E4 P4K-LHR SU1E4-P Receiver
INPUT	HDMI Type-A female connector	None
OUTPUT	HDMI Type-A female connector for loop through VGA DB-15 female local output	HDMI Type-A female connector
IR	2x 3.5mm phone jack for IR emitter and receiver to control video source device	
COMPRESSION	Visual lossless compression	
HDMI INPUT RESOLUTION	3840x2160 30/24, 1080p 60/50, 1080p 30/25, 1080i 60/50 720p 60/50, 480i 60/50, 480p 60/50	
HDMI OUTPUT RESOLUTION	3840x2160 30/24, 1080p 30/25, 1080i 60/50, 720p 60/50 480i 60/50, 480p 60/50	
VGA OUTPUT RESOLUTION	1080p 30/25, 1080i 60/50, 720p 60/50 480i 60/50, 480p 60/50	
AUDIO FORMAT	Stereo 192Kbps	
IP PROTOCOL	TCP, UDP, RTSP, RTP, DHCP, IGMP, Multicast, IPV4	
LAN PORT	RJ45 connector for Giga Ethernet	
SERIAL	DB-9 female connector for RS-232	
MANAGEMENT	<ul style="list-style-type: none"> <li>• LAN port</li> <li>• Embedded webpage management</li> </ul>	<ul style="list-style-type: none"> <li>• Serial port</li> <li>• RS-232 debug, control command</li> </ul>
POWER INPUT	<ul style="list-style-type: none"> <li>• 2.0mm power jack for DC5V/2A</li> </ul>	
OPERATING TEMPERATURE	0~55 °C	
OPERATING HUMIDITY	5%~90% RH	
POWER ADAPTER	Power adapter AC in 100~240V (50~60Hz)	
	ESD protection air gap discharge $\pm 8KV$ , contact discharged $\pm 4KV$	
DIMENSION	191.6 x 112.8 x 26.85 mm ( L x W x H )	
WEIGHT	450 G	
FRONT & BACK VIEW	