

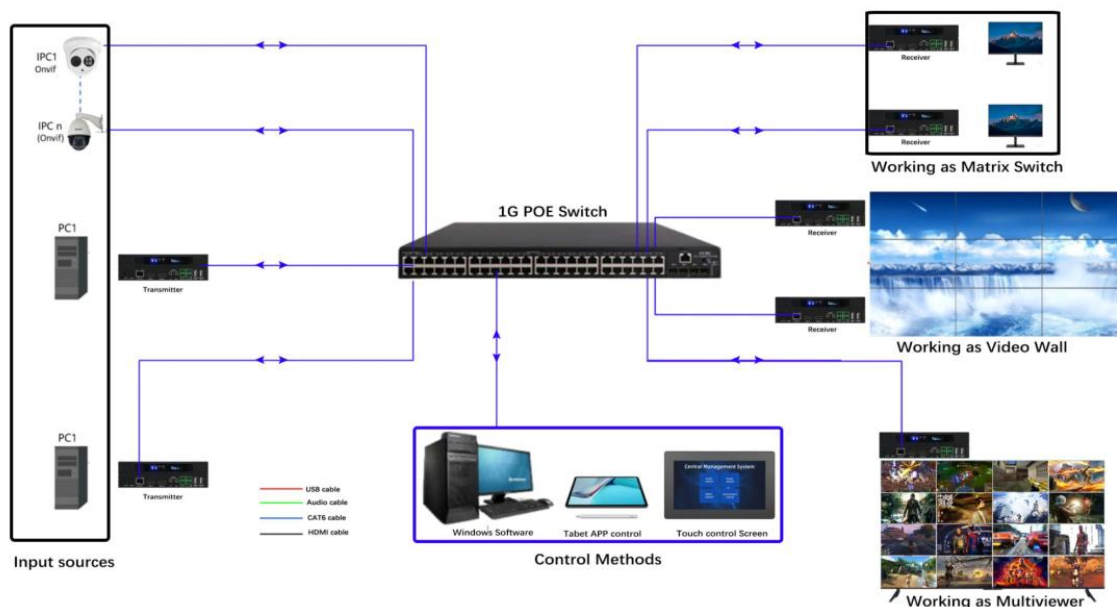
HKMIP430X 4K HDMI KVM & Video Wall over IP Extender

Innovative HKMIP430X series is a modular HDMI over IP KVM and video wall solution for delivering 4K30 HDMI video via IP to single or multiple screens in video wall configuration, support PIP & POP.

Each HKMIP430X unit can be configured as transmitter or receiver by software. HDMI video source is connected to a transmitter that encodes the video signal into TCP/IP data and transmits it over standard gigabit Ethernet. Each video wall screen is connected to a receiver that receives the encoded network data and decodes it to regenerate the video to be displayed to the screen.

Intuitive Video Wall Manager Software available in Windows, Android or Apple device allows live preview of input and output, it also supports flexible grouping of multiple receivers to form dynamic video wall at any position and up to multiple video wall setups across long video wall setups. It can create multiple layouts and preset templates to simplify video switching in a click.

It is cost-effective, modular and easy to maintain and upgrade compared to bulky video wall processor design. HKMIP430X is a perfect KVM & video wall solution for control room, security, traffic management, education, factory automation, government etc applications.



Features

- Front OLED Screen showing ID, IP & status
- Resolution up to 4K@30Hz.
- Support video scaling, 1080p to 4K30 upscale or 4K30 to 1080p downscale.
- Extend up to 150m CAT5e.
- Support point-to-point extension, distribution, switching and matrix installation.
- Support channel preview & seamless switching
- Support up to 4 x 4 video wall size.
- Multiple control methods via software, IR, API or RS232.
- Windows, Android or iOS controls video wall setting and switching.
- HDMI loop-thru for local display.
- Support USB, RS232, RS485, IR and audio over IP.
- Support DC & PoE power.
- Support IP Camera ONVIF & RTSP protocols.

Multiple controls



Windows

RS232

HP/Tablet

Product Picture



Technical Specification

Compliance	HDMI 1.4, HDCP 1.4, USB1.1, USB2.0
Max Resolution	3840 x 2180 @30Hz, 4:4:4
Max Transmission	150m over Cat 5e cable or greater via network switch
Audio Format	HDMI Audio
IR Support	20~60KHz, ±45°, 5m
Video Input	1 x HDMI Type A
Video Output	1 x HDMI Type A
Audio Input	1 x 3.5mm (Line In)
Audio Output	1 x 3.5mm (Line Out)
USB Interface	2 x USB Type B (USB 2.0 HID)
Network Interface	1 x RJ45 (PoE) 1 x SFP
Network Bandwidth	40Mbps max
Network Latency	120ms max
IR Interface	1 x 3.5mm Jack
Control Interface	1 x RS232, 1xRS485
Power	DC 12V 1.5A or 802.3af, 8W
Dimensions	218 x 101 x 25mm
Weight	540g
Operation	0 ~ 60°C
Storage	-20 ~ 85°C
Humidity	Up to 90% Non-condensing
Certification	FCC, CE & Rohs