

4K60 HDMI KVM Matrix Extender Over IP

4K 3840x2160@60Hz Series with PoE

ICP-UDP4KH-POE Series Features

The ICP Global UDP4KH-POE IP based KVM matrix extender provides perfect digital video up to 4K @ 60Hz at approximately 90~100m with USB keyboard & mouse, Audio & Microphone, RS-232 and IR remote control.

Video connectivity is through HDMI (DVI-D connectivity option with HDMI-DVI adaptor cable) on the transmitting side with an optional local HDMI loop out port, with HDMI (DVI-D connectivity option with HDMI-DVI adaptor cable) support on the remote user side.

This digital extension solution is based on standard UDP/IP technology allowing unicast (point-to-point) or multi-cast (one-to-many) through a 1Gig Ethernet switch. Due to multi-cast features, the UDP4K60 series can be integrated into in a multi-source video wall or even a surveillance centre.

User Station



Transmitter



ICP GLOBAL PTY LTD

SUITE 603, LEVEL6 ❖ EASTGARDENS OFFICE TOWER ❖ 152 BUNNERONG ROAD ❖ EASTGARDENS NSW 2036

TEL: (02) 9314-2092 ❖ FAX: (02) 9344-9537

Web <http://www.icpglobal.com.au>

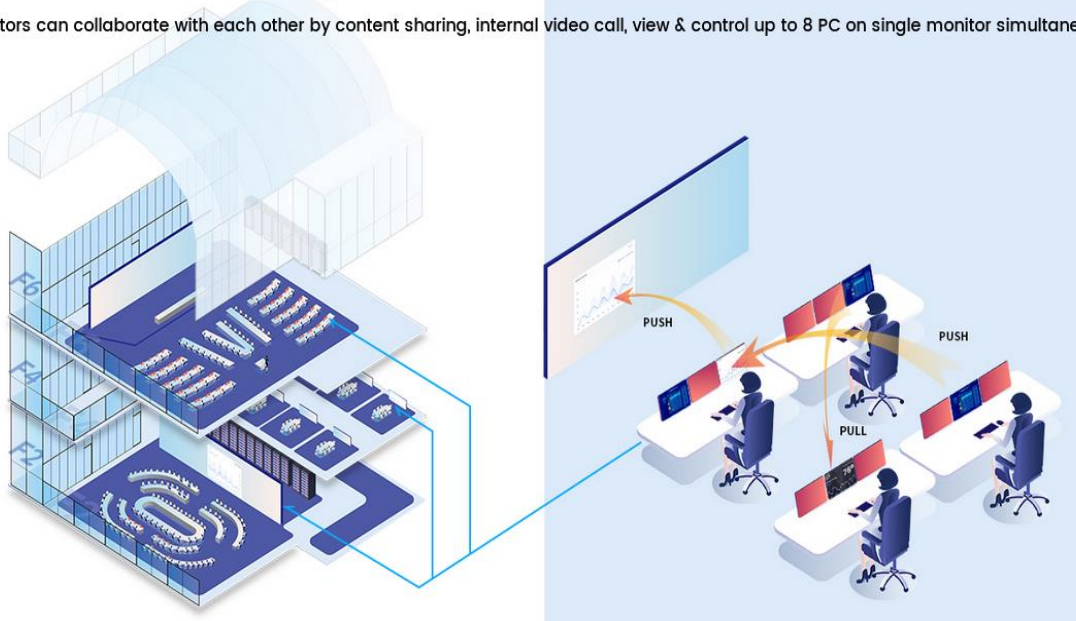
Features

- Supports IP based HDMI 4K @ 60Hz to approximately 90m over 1GIG Ethernet CATx
- Standard CATx connectivity with SFP open slot for fibre connectivity
- Fanless solution
- PoE – Power Over Ethernet with optional DC power pack providing redundant power
- Support for many-to-many group broadcasting or multi-user KVM matrix ** 1Gig Ethernet Switch must support at least IGMPv2 as a minimum
- Single User Screen: access and multi-view up to 8 systems simultaneously with 6 different layouts pre-sets. Layout can be customised.
- Multi-user KVM matrix mode : On Screen Display (OSD) listing all attached systems
- Preview all source real-time at the OSD
- Matrix Manager is built-in : no external matrix manager required
- Supports two USB HID ports for Keyboard and Mouse: USB HUB can be added if required for USB touch screen, media stick, jogger wheel, tablet
- 3.5mm Audio jack for microphone in and audio out
- RS-232 and IR connectivity
- Inbuilt Mouse Free Flow: keyboard and mouse set free flowing over multiple system display monitors
- User and Administration Permission Modes: Share, View Only, Exclusive and Private
- User Station and Transmitter Dimensions: 220 x 139 x 29mm

- Optional DVI-D add-on port
- Optional Transmitter HDMI local loop out port
- Optional Encoder/Decoder engine with Scalar Function for video wall integration
- Optional 1RU Tray – accommodates two units
- Optional 7U Mount Kit – accommodates 7 to 9 units

High Efficient Team Collaboration

Operators can collaborate with each other by content sharing, internal video call, view & control up to 8 PC on single monitor simultaneously.



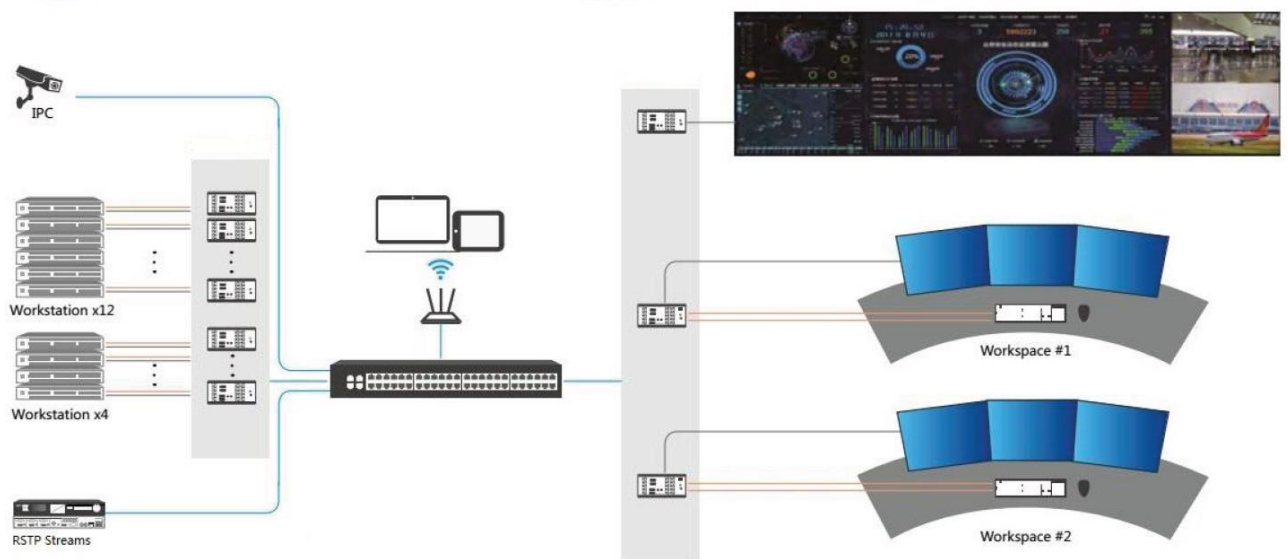
Surveillance Centre



SERVER ROOM



CONTROL ROOM



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Multi Source Video Wall

