

4K HDMI/DVI/VGA KVM Matrix over IP with Video Wall

Control By



IR



PC Software



RS232



Keypad



APP

SC&T

Smart Cabling & Transmission Corp



Reach unlimited number of monitors, support any layout and any application over LAN.



See why choose our video over IP solution for any application.

Extend and Distribute Video with Multi Functions

Support USB 2.0

Support Bi-directional RS232 extension and distribution, allow RS232 signal from one transmitter to multiple RX receivers.

Support Bi-directional IR signal and Analog audio.

HDMI, DVI, VGA Signal Mix and Easy Integration

1080p HDMI, 4K HDMI, VGA and DVI signal available for integration over a LAN.

Signals That Go for Extra Long Distance

Support SFP optical transceiver, Transmission distance up to 60KM under single mode.

Flexible and Scalable Matrix Switching with Video Wall Control

Transmitter unit up to 1000 pieces.

Receiver unit over 60000 pieces.

Video Wall support up to 8 x 16 (128 monitors)

Video, Audio, USB, IR, RS232 Function could be Separation

For example: Channel 1 video with channel 2 audio display and channel 3 USB signal.

Audio Embedded and Extractor

Support Dolby Trued®, and DTS-HD Master™, LPCM audio up to 7.1 channels 192 Khz.

Built HDMI audio embedded and extract function, Support HDMI audio and analog audio output at same time, also could be selectable.

Low Compression and Ultra Low Latency

Enhance HD quality picture with low latency time 16ms. Support quick channel switching.

Multiple Controls

Front panel button with 7 Segment Display

IR remote control

Android/iOS APP with preview function

Windows software

RS232 Command

Telnet API command

External Keypad / Console box control. (Customization available)

Flexible and Supports full duplex Bi-Directional RS232 communication (115200 MAX) by control software on a PC, or other automated control system to control devices attached to the extenders.



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Unicast Mode application

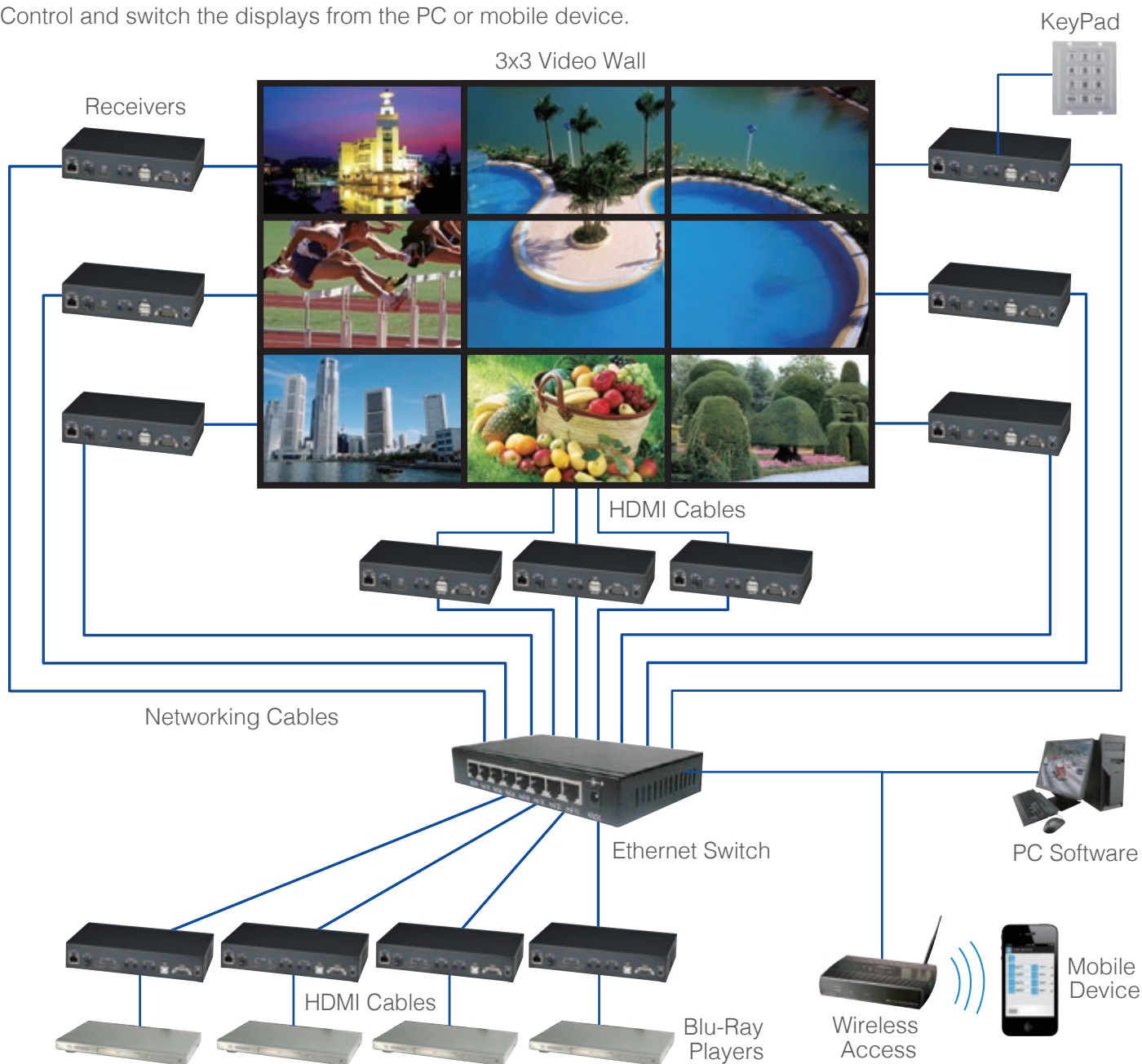
Point to Point Video, USB with Bi-directional Audio/RS232/IR Extender



Multicast mode application with video wall and matrix switching.

Transmit video from multiple sources to multiple screens over an Ethernet network.

Control and switch the displays from the PC or mobile device.



Select the HDMI DVI VGA IP Extender that suitable for your project.

HDV over IP Transmitter:

HKM02BT-4K: 4K HDMI KVM & USB, RS232 , IR, Audio Transmitter

HKM02BTP-4K: 4K HDMI KVM & USB, RS232 , IR, Audio Transmitter with POE



HDV over IP Receiver:

HKM02BR-4K: 4K HDMI KVM & USB, RS232 , IR, Audio Receiver

HKM02BRP-4K: 4K HDMI KVM & USB, RS232 , IR, Audio Receiver with POE



HKM02BT: 1080p HDMI KVM & USB, RS232 , IR, Audio Transmitter



HKM02BR: 1080p HDMI KVM & USB, RS232 , IR, Audio Receiver



VDKM02BT: VGA/DVI KVM & USB, RS232 , IR, Audio Transmitter



VDKM02BR: VGA/DVI KVM & USB, RS232 , IR, Audio Receiver



1U 19" Rack Mounting Panel :

TPN002BT: Fit 2 pcs of HKM02BT-4K/VDKM02BT transmitter unit

TPN003BT: Fit 3 pcs of HKM02BT transmitter unit



Kiosk Keypad control :

KC01: External RS232 Keypad



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