

Dual-display supportable HDMI / DVI IP KVM Extender, IPKVM-350-ED



Front

Back

Descriptions

The OPTICIS HDMI / DVI IP KVM Extender, IPKVM-350-ED is designed for extending of HDMI, keyboard / mouse and provides unicast (1 to 1) over IP network. But the key feature of Dual-display mode inside IPKVM-350-ED enables user to extend two (2) displays with keyboard / mouse.

The transmitter, IPKVM-350-E (Encoder) connected to a HDMI source, encodes the HDMI by H.264 and transmits the video signal via Ethernet. The receiver, IPKVM-350-D (Decoder) connected to a display, receives the H.264 encoded video signal via the Ethernet and decodes video signal into the HDMI display.

The USB keyboard and mouse interface in the receiver, IPKVM-350-D also can be accessed to the source via transmitter, IPKVM-350-E, if it is connected to the source by USB interface.

The IPKVM-350-ED supports the digital video data of full HD up to 1080p at 60Hz and stereo audio and transmits the signal via Intra network.

By using GUI interface and PC program, user can control the transmitters for connecting in the receiver side.

Key Features

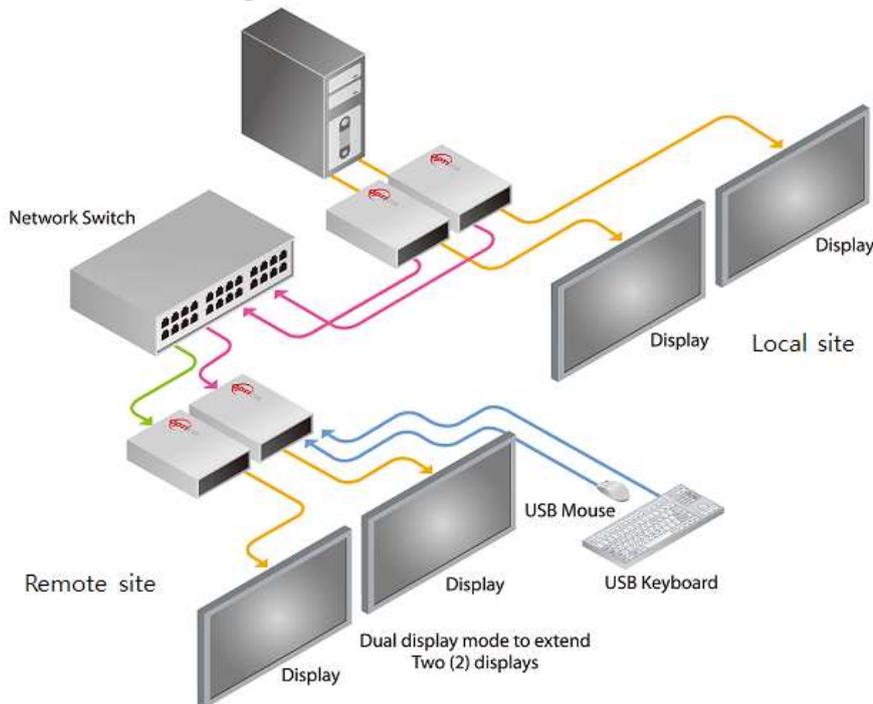
- 10/100/1000 Base-T Ethernet: TCP/IP based wired network with CAT5e and CAT6 Cables
- Supports Dual-display mode: extend two (2) displays with keyboard / mouse.
- Provides unicast (1 to 1) over IP network.
- Supports up to 1080p at 60Hz.
- Has Video Codec: MPEG-4 Part 10/AVC (H.264).
- HDMI V1.3 / DVI 1.0
- KVM function using keyboard / mouse
- Offers OSD GUI program for easy configuration.
- Offers HDMI Loop-through for a Local display.
- Size (WDH): 104 x 112 x 28mm
- Certifications: FCC/CE

Applications

- Home AV
- KVM
- Video control room
- Digital signage
- Medical imaging

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Connection Diagram



General Specification

Item	Description
Display Resolution	Up to 1080p@60Hz
Network(LAN)	10/100/1000Mbps Base-T Ethernet: TCP/IP based wired network
Video Streaming protocol	RTSP, RTP, RTCP, UDP / TCP/IP
Video Codec	MPEG-4 Part 10/AVC (H.264)
Video Interface Standard	HDMI 1.3 and DVI1.0
Tx Video Interface	Input: 1 HDMI/DVI Input Output: 1 HDMI/DVI Output (Loop-Through)
Rx Video Interface	Output: 1 HDMI/DVI Output
Dual display mode	Support KVM with video, keyboard and mouse on Dual displays
Configuration access	OSD GUI via key button PC Program (RemoteManager) for user account, device setting and control
EDID	Built-in EDID & EDID Read/Write
Dimension	Tx: 112x28x104mm (WHD), Rx: 112x28x104mm (WHD)
Power	100-240VAC, 50-60Hz 5V 2A Adaptor
Power Consumption	Transmitter <6W Receiver <6W
Operating Temperature	0~50°C
Certification	FCC, CE

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