HDMI KVM Extender Over IP Network, 4K 60Hz, Driverless, HDMI and USB Over Ethernet/CAT6, AVoIP, Transmitter and Receiver Kit, Includes Mounting Kits

Product ID: IH2006-KVM-EXTENDER

The AVoIP KVM Extender enables remote computer access over a TCP/IP network with a keyboard, mouse, and 4K 60Hz HDMI monitor, keeping systems secure from unauthorized access and physical damage.

The plug-and-play design requires no drivers or software and is compatible with all major operating systems, including Windows, macOS, and Linux, as well as hardware platforms like Intel, AMD, Snapdragon/ARM, and Apple Silicon.

Designed to grow with your business, the KVM extender supports both one-to-one and one-to-many configurations by adding IP KVM receivers (sold separately), ensuring a flexible and future-ready solution.

Each unit features a durable metal housing with mounting kits for wall or under-desk installation, plus rubber feet for desktop stability. A local HDMI output on the transmitter allows direct connection to a nearby display, while RS232 and 3.5mm audio passthrough ports enable serial and audio extension.

Certifications, Reports and Compatibility

Applications

• Reduce the need for physical access to a computer or server, improving security and efficiency

• Enables secure, high-performance connections between workstations and studio equipment

• Allows operators to manage critical systems from a safe or more convenient location

Features

• AVoIP KVM EXTENDER: Remotely access and control a computer over a TCP/IP network using a keyboard, mouse, and 4K 60Hz HDMI monitor, while keeping the system secure from unauthorized access or physical damage

• NO DRIVERS OR SOFTWARE: IP Video Distribution kit requires no configuration to get it working; Compatible with any operating system including Windows, macOS and Linux, as well as all hardware platforms such as Intel, AMD, Snapdragon/ARM and Apple Silicon

• SCALABLE SETUP: Start with a point-to-point setup, then expand to a one-to-many setup by adding IP KVM receivers (sold separately), allowing your setup to grow with your business needs and ensuring a scalable, future-proof solution

• LOCAL HDMI OUTPUT: IP KVM Transmitter features an HDMI output to connect a local display, allowing you to view the content without being at the receiver's location; Three-wire RS232 port and a 3.5mm audio passthrough port offer serial and audio extension

• SECURE & FLEXIBLE INSTALLATION: Durable metal housing with included mounting kits for wall or under-desk installation; Rubber feet prevent slipping for desktop use; Ideal for industrial and professional environments

Hardware

	Warranty	2 Years
	Audio	Yes
	KVM Ports	1
	PC Interface	USB
	PC Video Type	HDMI
	Rack-Mountable	No
	Cables Included	No

Performance

	On-Screen Display	No
	Video Revision	HDMI 2.0
	IP Control	Yes
	Hot-Key Selection	No

Maximum Digital Resolutions	3840 x 2160 @ 60Hz	
Audio Specifications	HDMI - 2 Channel Audio	
Port Selection Support	Not Applicable	
MTBF	10,000 Hours	

Connector(s)

Console Interface(s)	2 - USB 2.0 Type-A	
	1 - Terminal Block (3 Wire)	
	1 - 3.5mm Stereo Female 3 pos	
	2 - RJ-45	
	2 - HDMI	
Host Connectors	1 - Terminal Block (3 Wire)	
	1 - USB 2.0 Type-C	
	1 - HDMI	
	1 - 3.5mm Stereo Female 3 pos	
Other Interface(s)	2 - USB Micro-B (5 pin)	

Software

OS Compatibility	No Drivers or Software Required	

Special Notes / Requirements

Note	End-to-end latency: 80-90ms	

Indicators

LED Indicators	2 - Power LED:	
	Solid Blue: Indicates the unit is receiving Power	
	2 - Sync LED:	
	Off: Transmitter and Receiver have no established a connection	
	Slow Orange Flash: Transmitter and Receiver are connected via Gigabit Ethernet but no Video is transmitting	

Quick Orange Flash: Transmitter and Receiver are connected via 100Mbps Ethernet but no Video is transmitting

Solid Orange: Video is transmitting

2 - KVM LED:

Flashing: KVM data is transmitting

Solid: Computer and USB Port are connected

Power

Power Source	2 AC Adapters Included
Input Voltage	100 - 240 AC
Input Current	0.3A
Output Voltage	5 DC
Output Current	2A
Center Tip Polarity	Positive
Plug Type	M
Power Consumption (In Watts)	10W

Environmental

Operating Temperature	-20C to 60C (-4F to 140F)
Storage Temperature	-30C to 70C (-22F to 158F)
Humidity	0% ~ 90% RH (non-condensing)

Physical Characteristics

Color	Black
Material	Steel
Product Length	4.2 in [106 mm]
Product Width	4.1 in [103 mm]
Product Height	1.0 in [25.1 mm]
Weight of Product	11.1 oz [315 g]

Packaging Information

	Package Length	6.9 in [17.6 cm]
	Package Width	9.4 in [24.0 cm]
	Package Height	3.1 in [8.0 cm]
	Shipping (Package) Weight	2.4 lb [1.1 kg]

What's in the Box

	Included in Package	1 - KVM Extender Transmitter
		1 - KVM Extender Receiver
		2 - RS-232 Terminal Headers
		2 - Mounting Kit
		2 - Set of Rubber Feet
		2 - Universal Power Adapter (NA/EU/UK/ANZ)
		1 - Quick-Start Guide

Warranty Information

	Warranty	2 Years

*Product appearance and specifications are subject to change without notice.