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
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	0.8 in [20 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

Product appearance and specifications are subject to change without notice.