

2-Port HDMI Extender and Splitter Over CAT6, 4K 60Hz, Up to 230ft (70m), 1x2 HDMI over Ethernet Distribution Kit with IR and Power Over Cable

Product ID: 4K7012IC-EXTEND-HDMI



This HDMI extender and splitter delivers reliable 4K AV distribution to two displays over Ethernet cabling for professional AV installations. Enables flexible deployment using Ethernet cables for longer-range and in-wall runs. Ideal for centralized AV distribution in boardrooms, digital signage, educational facilities, and hospitality environments.

Extend HDMI signals to two remote displays over CAT6/6a cabling using a single transmitter. Transmitter features a HDMI output providing a direct connection for a local display. Supports 4K 60Hz video and 2 channel audio up to 230ft (70m). Includes IR extension support for remote control of the source device from any connected display.

Single power adapter connects to the transmitter; both receivers are powered directly over the CAT6/6a cables. Simplifies installation in environments with limited power access and reduces overall cable clutter.

Plug-and-play installation with no additional drivers, software, or network setup required. Supports any operating system including Windows, macOS, and ChromeOS, and is compatible with all hardware platforms including Intel, AMD, and Apple Silicon.

1x2 HDMI distribution kit includes mounting brackets for wall, ceiling, or under-table installation at both transmitter and receiver locations. Compact form factor enables discreet installation in tight spaces.

Certifications, Reports and Compatibility





Applications

- Distribute a single video source to two displays in conference rooms for presentations
- Extend digital signage content across multiple screens in retail stores, airports, or public venues
- Stream high-resolution video to multiple displays in classrooms or training rooms for educational and instructional environments

Features

- **HDMI Over Ethernet Cabling:** Extend HDMI signals to two remote displays over CAT6/6a with one transmitter; Supports lossless, low-latency 4K 60Hz video with 2ch audio up to 230ft (70m); Ideal for boardrooms, digital signage, education, and hospitality
- **Power-Over-Cable:** A single power adapter connects to the transmitter, and both receivers are powered over the CAT6/6a cabling, simplifying installation in environments with limited power access while reducing cable clutter
- **No Drivers or Software:** One-to-many HDMI Extender requires no drivers, software, or IP configuration, reducing setup time; Works with any operating system (Windows, macOS, and ChromeOS) and hardware platform (Intel, AMD, and Apple Silicon)
- **Versatile Mounting Options:** 1x2 HDMI distribution kit includes mounting brackets for wall, ceiling, or under-table installation at both the transmitter and receivers; Compact form factor allows for describe installation in tight spaces
- **The IT Pro's Choice:** Backed by decades of connectivity expertise from legacy VGA to modern USB4 and AVoIP solutions; Work with a single trusted partner for all your A/V connectivity needs; Free lifetime 24/5 multi-lingual technical assistance

Hardware

Warranty	2 Years
Ports	2
Cabling	Cat 6 UTP
Audio	Yes
Rack-Mountable	No
Chipset ID	GSV5100

	Daisy-Chain	No
Performance		
	Max Distance	70m [230ft]
	Wide Screen Supported	Yes
	Audio Specifications	HDMI - 2 Channel Audio
Connector(s)		
	Local Unit Connectors	1 - 3.5mm Stereo Female 3 pos 1 - HDMI 1 - HDMI 2 - RJ-45
	Remote Unit Connectors	2 - RJ-45 2 - HDMI 2 - 3.5mm Stereo Female 3 pos
Software		
	OS Compatibility	No Drivers or Software Required
Special Notes / Requirements		
	Note	This HDMI Extender must be connected directly and cannot transmit signals through any network equipment such as routers, switches, or hubs
Indicators		
	LED Indicators	1 - Transmitter: Solid Blue: Unit is Receiving Power 1 - Receiver: Solid Blue: Unit is Receiving Power Flashing Blue: Unit is Pairing with the Transmitter
Power		
	Power Source	AC Adapter Included
	Input Voltage	100 - 240 AC

Input Current	0.8A
Output Voltage	12V DC
Output Current	2.0A
Center Tip Polarity	Positive
Plug Type	M
Power Consumption (In Watts)	24W

Environmental

Operating Temperature	0C to 50C (32F to 122F)
Storage Temperature	-10C to 70C (14F to 158F)
Humidity	5% ~ 90% RH (non-condensing)

Physical Characteristics

Color	Black
Product Length	6.1 in [154 mm]
Product Width	2.8 in [70 mm]
Product Height	0.9 in [23 mm]
Weight of Product	9.2 oz [261 g]

Packaging Information

Package Length	9.4 in [23.8 cm]
Package Width	11.5 in [29.2 cm]
Package Height	2.2 in [5.5 cm]
Shipping (Package) Weight	2.3 lb [1.1 kg]

What's in the Box

Included in Package	1 - HDMI Transmitter
	2 - HDMI Receiver
	1 - IR Blaster

2 - IR Receiver

3 - Mounting Kit

1 - Universal Power Adapter (NA/UK/EU/ANZ)

1 - Product Documentation

**Warranty
Information**

Warranty

2 Years

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