

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, simplifing 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 descrite 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)		4.05.00.5.10
	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. Tropomittor
	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	D 6	
	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.