

HDMI Extender Over CAT5e/CAT6, 4K 60Hz, Up to 200ft (60m), Transmitter and Receiver Kit, Power Over Cable, Compact Form Factor

Product ID: 4K50IC-EXTEND-HDMI



The HDMI Extender is designed to transmit visually lossless and low latency 4K 60Hz video and 7.1 channel audio up to 200 feet (60 meters) over a single network cable.

This HDMI over CAT5e extender is HDMI 2.0 compliant and supports up to 4K 60Hz resolutions, HDR, HDCP 2.2, DTS, and Dolby Digital audio. This makes it suitable for high-quality video and audio transmission over long distances.

The extender features Power-over-Cable (PoC) technology, allowing the included power adapter to connect only to the transmitter while providing power to both the transmitter and receiver through the CAT5e/6 cable. This feature reduces the need for additional power sources at the receiver end.

A point-to-point connection uses a single CAT6/5e cable and requires no drivers, software, or IP configuration, significantly reducing setup time. The HDMI extender can be mounted on a wall, ceiling, or the underside of a table using the included brackets, offering versatile professional installation options. The HDMI extender offers a longer range than HDMI cables, and Ethernet cables are easier to run in walls, behind furniture, or through cable trays. Its compact form factor makes it ideal for boardrooms, digital signage, trade shows, and classrooms.

Certifications, Reports and Compatibility



Applications

- Extend a 4K 60Hz HDMI signal in offices, building lobbies, shopping centers, airports, and more
- Extend a HDMI signal to locations that lack power outlets

Features

- **HDMI OVER ETHERNET CABLING:** HDMI Extender transmits visually lossless and low latency 4K 60Hz video and 7.1ch audio up to 200ft (60m) over a single network cable; HDMI 2.0 compliant extender supports HDR, HDCP 2.2, DTS, & Dolby Digital audio
- **POWER-OVER-CABLE:** Extend HDMI signals to areas that have limited power outlets using Power-over-Cable (PoC); Included power adapter connects to the HDMI Extender Kit's transmitter while the HDMI receiver is powered over the CAT5e/6 cable
- **NO DRIVERS OR SOFTWARE:** Point-to-Point connection uses a single CAT6/5e cable and requires no drivers/software or IP configuration, reducing setup time; Works w/any operating system (Windows/macOS/ChromeOS) and hardware platform (Intel/AMD/Apple Silicon)
- **VERSATILE MOUNTING OPTIONS:** Mount the HDMI extender on a wall, ceiling, or beneath a table using the included mounting brackets; Compact form factor allows for installation in tight spaces
- **APPLICATIONS:** HDMI extender offers a longer range than HDMI cables, and Ethernet cables are easier to run in walls, behind furniture, or through cable trays; Compact form factor makes it ideal for boardrooms, digital signage, trade shows, and classrooms

Hardware

Warranty	2 Years
AV Input	HDMI
Ports	1
AV Output	HDMI
Cabling	Cat 5e UTP or better
Audio	Yes
Rack-Mountable	No

Performance

Maximum Cable Length	196.8 ft [60 m]
Supported Resolutions	3840x2160 @ 60hz 2560x2048 @ 60hz

2560x1920 @ 60hz

2560x1600 @ 60hz

2560x1440 @ 60hz

2048x1536 @ 60hz

2048x1152 @ 60hz

1920x1440 @ 60hz

1920x1200 @ 60hz

1920x1080 @ 60hz

1856x1392 @ 60hz

1792x1344 @ 60hz

1680x1050 @ 60hz

1600x1200 @ 60hz

1600x900 @ 60hz

1440x900 @ 60hz

1400x1050 @ 60hz

1366x768 @ 60hz

1360x768 @ 60hz

1280x1024 @ 60hz

1280x960 @ 60hz

1280x800 @ 60hz

1280x768 @ 60hz

1280x720 @ 60hz

1280x600 @ 60hz

1152x864 @ 60hz

1024x768 @ 60hz

800x600 @ 60hz

Other resolutions and refresh rates may be supported

Wide Screen Supported Yes

Audio Specifications HDMI - 7.1 Channel Audio

Connector(s)

Input Connector(s)	1 - HDMI
	1 - USB Type-C (24 pin) USB Power Delivery Only
	1 - RJ-45
Output Connectors	1 - HDMI
	1 - RJ-45

Software

OS Compatibility	No Drivers or Software Required
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Power

Power Source	AC Adapter Included
Input Voltage	100 - 240 AC
Input Current	0.3A
Output Voltage	5 DC
Output Current	2A
Plug Type	USB Type-C (24 pin) USB Power Delivery Only
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	Metal
Product Length	2.6 in [66 mm]
Product Width	1.4 in [36 mm]
Product Height	0.8 in [20 mm]

	Weight of Product	6.2 oz [177 g]
Packaging Information		
	Package Length	4.6 in [11.7 cm]
	Package Width	5.9 in [15.0 cm]
	Package Height	3.0 in [7.7 cm]
	Shipping (Package) Weight	12.8 oz [364.0 g]
What's in the Box		
	Included in Package	1 - HDMI Transmitter
		1 - HDMI Receiver
		1 - Mounting Bracket Kit
		1 - Universal Power Adapter (NA/EU/UK/ANZ)
		1 - Product Documentation
Warranty Information		
	Warranty	2 Years

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