

# HDMI Over CAT5/CAT6 Extender with Power Over Cable - 165 ft (50m)

Product ID: ST121SHD50



The ST121SHD50 HDMI® over Cat5e/Cat6 Video Extender kit lets you extend HDMI video and audio by up to 165 feet (50 Meters) over dual Cat5e cables or dual Cat6 cables. For added versatility the kit features Power Over Cable and only requires a single power adapter that can be connected to either the Transmitter or Receiver.

With support for High-Definition resolutions of up to 1920x1080 / 1080p and the accompanying digital audio, this cost-effective HD extender can easily be installed using new or existing Ethernet infrastructure wiring. For a convenient plug-and-play installation, the HDMI extender features built-in EDID monitor emulation, which ensures native resolution and maximum compatibility with your display or projector.

For added flexibility and convenience, HDMI cables up to 32ft (10m) can be connected to both the local and remote units, which lets you extend your HDMI signal to even further distances.

The HDMI extender kit offers a point-to-point digital signage solution right out of the box, including both local transmitter and remote receiver units, along with optional hardware that lets you mount the units as needed. Plus, with Power Over Cable, you can easily extend an HDMI signal in areas where access to power outlets is limited.

This product is TAA compliant and backed by a Startech.com 2-year warranty with free lifetime technical support.

### Certifications, Reports and Compatibility



### Applications

- Extend HDMI when power outlets are limited, with only a single power adapter required at either the Transmitter or Receiver using Power Over Cable
- Place the display in a convenient viewing area, while the system equipment is placed elsewhere in a clean and secure environment
- Optimize placement of digital signage in healthcare, education, retail, and government facilities

### Features

- Power Over Cable allows a single power source to operate the Transmitter and Receiver
- Supports Cat5e or Cat6 Ethernet cabling (50m)
- No software/drivers required
- Supports HD resolutions up to 1080p (1920x1080)
- Includes transmitter (local) and receiver (remote) units

<b>Hardware</b>	Warranty	2 Years
	Audio	Yes
	Cabling	Cat 5 UTP or better
	Daisy-Chain	No
	Ports	1
	Rack-Mountable	Yes
<b>Performance</b>	General Specifications	<b>Maximum Distances - (1080i only)</b> CAT5E (stranded) - 40m (130 ft) CAT5E (solid) - 50m (165 ft) CAT6 (stranded or solid) - 50m (165 ft)
	Max Distance	50 m / 165 ft
	Maximum Digital Resolutions	1080p / 1920x1080
	Supported Resolutions	1080i - Cat6 (stranded or solid) - up to 50m - Cat5e (solid) - up to 50m - Cat5e (stranded) - up to 40m
		1080p - Cat6 (solid or stranded) - up to 40m - Cat5 (solid) - up to 20m - Cat5 (stranded) - up to 16m
		See product manual for further details
	Wide Screen Supported	Yes
<b>Connector(s)</b>	Local Unit Connectors	1 - HDMI (19 pin) Female 2 - RJ-45 Female
	Remote Unit Connectors	1 - HDMI (19 pin) Female 2 - RJ-45 Female
<b>Special Notes / Requirements</b>	<b>Note</b>	This extender requires two CAT5 cables for the entire distance of your cable run.  The extender does not work through Ethernet equipment, such as switches or routers.
<b>Indicators</b>	LED Indicators	1 - Power
<b>Power</b>	Center Tip Polarity	Positive
	Input Current	0.5 A
	Input Voltage	100 - 240 AC
	Output Current	1.5 A

	Output Voltage	12V DC
	Plug Type	M
	Power Consumption (In Watts)	18
	Power Source	AC Adapter Included
<b>Environmental</b>	Humidity	0% - 80 %
	Operating Temperature	0°C to 40°C (32°F to 104°F)
	Storage Temperature	-10°C to 60°C (14°F to 115°F)
<b>Physical Characteristics</b>	Color	Black
	Material	Aluminum
	Product Height	0.8 in [2.1 cm]
	Product Length	3.1 in [80 mm]
	Product Width	2 in [51 mm]
	Weight of Product	11.1 oz [314 g]
<b>Packaging Information</b>	Package Height	2.6 in [65 mm]
	Package Length	9.3 in [23.7 cm]
	Package Width	6.2 in [15.7 cm]
	Shipping (Package) Weight	33 oz [935 g]
<b>What's in the Box</b>	Included in Package	<ul style="list-style-type: none"> <li>1 - HDMI over CAT5e/6 UTP transmitter</li> <li>1 - HDMI over CAT5e/6 UTP receiver</li> <li>1 - universal power adapter (NA / EU / UK / AU)</li> <li>2 - mounting brackets</li> <li>2 - foot pad set</li> <li>1 - instruction manual</li> </ul>

Product appearance and specifications are subject to change without notice.