

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
- Optimize placement of digital signage in healthcare, education, retail, and government facilities
- Place the display in a convenient viewing area, while the system equipment is placed elsewhere in a clean and

secure environment

## 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

---

### Hardware

Warranty	2 Years
Ports	1
Cabling	Cat 5 UTP or better
Audio	Yes
Rack-Mountable	Yes
Daisy-Chain	No

---

### Performance

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
General Specifications	Maximum Distances - <i>(1080i only)</i> CAT5E (stranded) - 40m (130 ft) CAT5E (solid) - 50m (165 ft) CAT6 (stranded or solid) - 50m (165 ft)

---

### Connector(s)

Local Unit Connectors	HDMI (19 pin) RJ-45
Remote Unit Connectors	RJ-45 HDMI (19 pin)

---

### Special Notes / Requirements

Note	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.
------	--

---

### Indicators

LED Indicators	Power
----------------	-------

---

### Power

Power Source	AC Adapter Included
Input Voltage	100 - 240 AC
Input Current	0.5 A
Output Voltage	12V DC
Output Current	1.5 A
Center Tip Polarity	Positive
Plug Type	M
Power Consumption (In	18



Watts)

---

**Environmental**

Operating Temperature	0C to 40C (32F to 104F)
Storage Temperature	-10C to 60C (14F to 115F)
Humidity	0% - 80 %

---

**Physical Characteristics**

Color	Black
Material	Aluminum
Product Length	3.1 in [80 mm]
Product Width	2.0 in [51 mm]
Product Height	0.8 in [21 mm]
Weight of Product	11.1 oz [314 g]

---

**Packaging Information**

Package Length	9.3 in [23.7 cm]
Package Width	6.2 in [15.7 cm]
Package Height	2.6 in [65 mm]
Shipping (Package) Weight	33.0 oz [935 g]

---

**What's in the Box**

Included in Package	HDMI over CAT5e/6 UTP transmitter
	universal power adapter (NA / EU / UK / AU)
	foot pad set
	HDMI over CAT5e/6 UTP receiver
	instruction manual
	mounting brackets

---



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

