

## HDMI over Cat5 Video Extender Kit with Audio - RS232 and IR Control

**Product ID:** ST121UTPHDMI



The ST121UTPHDMI HDMI over Cat5 Video Extender Kit with Audio features RS232 and IR Control, and can extend an HDMI (or DVI) signal up to 80-meters (260-feet) using a standard Cat 5 or better (UTP/STP) cable, providing the freedom to place your display where needed without sacrificing image quality.

The HDMI over Cat5 extender kit is compliant with High Speed HDMI and HDCP standards, ensuring even the latest devices will be able to pass a signal with support for full 1080p resolutions and the accompanying digital audio.

This HDMI extender also features bi-directional RS232 serial and Infrared (IR) interfaces, letting you to control your media source from either end of the connection.

The kit includes the transmitter and a receiver units for a cost-effective, ready-to-use digital signage solution, and built-in mounting brackets for a clean installation.

Backed by a StarTech.com 2-year warranty and free lifetime technical support.

## Certifications, Reports and Compatibility

### Applications

- Sending video images and serial data to a projector and controlling it from your desk
- Place the display in a convenient viewing area, while the system equipment is placed elsewhere in a cleaner, more secure environment
- Ideal for digital signage applications in financial, educational, medical and business sectors
- Extend your display across harsh environment industrial sites

- Perfect for video conferencing solutions in boardrooms and office settings
- Optimize placement of your demo stations at trade-shows and in auditoriums

## Features

- Extends HDMI or DVI video with control signal over a single Cat 5/5e/6/6a/7 UTP/STP cable
- Supports video resolutions up to 1080p / 60Hz / 48-bit
- 80m (260ft) maximum Cat5 (or better) cable distance
- Supports bi-directional RS232 and IR communication
- High Speed HDMI and HDCP compliant
- Built-in mounting brackets
- Audio transmission supports Dolby TrueHD, DTS-HD MA
- RS232 interface supports up to 115200bps full-duplex data rate
- No software or drivers required

---

### Hardware

Warranty	2 Years
Ports	1
Cabling	Cat 5 UTP or better
Audio	Yes
Industry Standards	High Speed HDMI and HDCP compliant
Daisy-Chain	No

---

### Performance

Maximum Data Transfer Rate	HDMI - 3.4Gbps RS232 - 115200bps baud
Max Distance	80 m / 260 ft
Maximum Digital Resolutions	1080p @ 60Hz, 48-bit
Wide Screen Supported	Yes



Audio Specifications Supports Dolby TrueHD, DTS-HD MA

General Specifications IR Interface: Bi-directional  
38Khz / 10 / 5M

#### Connector(s)

Local Unit Connectors	HDMI (19 pin)
	DB-9 (9 pin, D-Sub)
	RJ-45
Remote Unit Connectors	HDMI (19 pin)
	DB-9 (9 pin, D-Sub)
	RJ-45

#### Software

OS Compatibility	OS Independent
------------------	----------------

#### Indicators

LED Indicators	Power (Solid Green when power present)
	RJ45 Link (Solid Green when link present)
	IR Receive (Blue)
	IR Transmit (Red)

#### Power

Power Source	2 AC Adapters Included
Output Voltage	5 DC
Output Current	2A
Power Consumption (In Watts)	1200mA (max)

#### Environmental

Operating Temperature	0C to 55C (32F to 131F)
Storage Temperature	-20C to 85C (-4F to 185F)
Humidity	0-95%



**Physical Characteristics**

Color	Black
Material	Steel
Product Length	5.1 in [13 cm]
Product Width	3.5 in [88 mm]
Product Height	1.2 in [30 mm]
Weight of Product	18.4 oz [520 g]

---

**Packaging Information**

Package Length	12.6 in [32 cm]
Package Width	6.3 in [16 cm]
Package Height	2.6 in [65 mm]
Shipping (Package) Weight	2.3 lb [1.0 kg]

---

**What's in the Box**

Included in Package	Transmitter Unit
	Receiver Unit
	IR Emitter Cable
	IR Receiver Cable
	Power Adapter
	User Manual

---

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

