

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

Product ID: ST121UTPHDEU



The ST121UTPHDEU HDMI Audio Video Extender over Cat5 with RS232 and IR extends an HDMI (or DVI) source signal up to 80 meters (260 feet) using a standard Cat5 or better UTP/STP cable, giving you the freedom to optimize the placement of your display without sacrificing image quality. Compliance with High-Speed HDMI as well as HDCP ensures that even the latest devices will be able to pass a signal with support for full 1080p resolutions and the accompanying digital audio.

This HDMI A/V extender also features bi-directional RS232 serial and Infrared (IR) interfaces allowing you to communicate with and control your media source from either end of the connection.

Comprised of a transmitter and receiver unit this HDMI, RS232 and IR extender kit is a complete, cost-effective solution for digital signage, trade-show demo stations or video conferencing.

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

Certifications, Reports and Compatibility

Applications

- Ideal for digital signage applications in financial, educational, medical and business sectors
- Perfect for video conferencing solutions in boardrooms and office settings
- Place the display in a convenient viewing area, while the system equipment is placed elsewhere in a clean and secure environment
- Optimize placement of your demo stations at trade-shows and in auditoriums
- Sending Video images and serial data to a projector and controlling it from your desk

- Extend your display across harsh environment industrial sites

Features

- 80m (260ft) maximum cat5 (or better) cable distance
- Extends HDMI or DVI video with control signal over a single CAT5/5e/6/6a/7 UTP/STP cable
- Supports bi-directional RS-232 and IR communication
- Supports resolutions up to 1080p / 60Hz / 48 bit
- RS-232 interface supports up to 115200bps full-duplex data rate
- No software or drivers required
- Audio transmission supports Dolby TrueHD, DTS-HD MA
- High-Speed HDMI and HDCP compliant

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

Software

OS Compatibility	OS Independent
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Indicators

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

Power

Power Source	2 AC Adapters Included
Input Voltage	230 AC
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	35.3 oz [1000 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	2.4 lb [1.1 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.***

