

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
	Audio	Yes
	Cabling	Cat 5 UTP or better
	Daisy-Chain	No
	Industry Standards	High Speed HDMI and HDCP compliant
	Ports	1
Performance	Audio Specifications	Supports Dolby TrueHD, DTS-HD MA
	IR Interface	Bi-directional 38Khz / ±10° / 5M
	Max Distance	80 m / 260 ft
	Maximum Data Transfer Rate	HDMI - 3.4Gbps RS232 - 115200bps baud
	Maximum Digital Resolutions	1080p @ 60Hz, 48-bit
	Wide Screen Supported	Yes
Connector(s)	Local Unit Connectors	1 - DB-9 (9 pin, D-Sub) Female
		1 - HDMI (19 pin) Female
		1 - RJ-45 Female
	Remote Unit Connectors	1 - DB-9 (9 pin, D-Sub) Male
		1 - HDMI (19 pin) Female
		1 - RJ-45 Female
Software	OS Compatibility	OS Independent
Indicators	LED Indicators	1 - IR Receive (Blue)
		1 - IR Transmit (Red)
		1 - Power (Solid Green when power present)
		1 - RJ45 Link (Solid Green when link present)
Power	Input Voltage	230 AC
	Output Current	2A
	Output Voltage	5 DC
	Power Consumption (In Watts)	1200mA (max)
	Power Source	2 AC Adapters Included
Environmental	Humidity	0-95%
	Operating Temperature	0°C to 55°C (32°F to 131°F)

	Storage Temperature	-20°C to 85°C (-4°F to 185°F)
Physical Characteristics	Color	Black
	Enclosure Type	Steel
	Product Height	3 cm [1.2 in]
	Product Length	13 cm [5.1 in]
	Product Width	88 mm [3.5 in]
	Weight of Product	1 kg [2.2 lb]
Packaging Information	Package Height	65 mm [2.6 in]
	Package Length	32 cm [12.6 in]
	Package Width	16 cm [6.3 in]
	Shipping (Package) Weight	1.1 kg [2.4 lb]
What's in the Box	Included in Package	1 - Transmitter Unit
		1 - Receiver Unit
		2 - IR Emitter Cable
		2 - IR Receiver Cable
		2 - Power Adapter
		1 - User Manual

Product appearance and specifications are subject to change without notice.