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Data Sheet

Wall Plate HDMI over CAT5 Extender with Power Over Cable – 1080p – 165ft (50m)

Product ID: ST121HDWP



The ST121HDWP HDMI® over CAT5 Extender Wall Plate Kit lets you extend your HDMI audio/video up to 165 feet (50 meters) over Cat5e or Cat6 cabling. For a seamless, professional installation, you can install the included transmitter and receiver units into wall plates, with the added versatility of Power Over Cable enabling both units to be powered by the same single power source.

Unlike some video extension systems, the ST121HDWP lets you make use of your existing Cat5 or Cat6 networking cable infrastructure, saving you the time and cost of running expensive proprietary cable. Plus, the kit includes both the extender and receiver, saving you the hassle of buying each component individually.

With a sleek finish and wall plate housing, the ST121HDWP is designed with professional installations in mind. Offering a stylish integration into your modern boardroom or classroom, the HDMI extender looks great in any application that requires your equipment and cabling to be concealed from public view.

The HDMI extender is great for both short and long-range applications. With a discreet installation the extender is perfect for boardrooms, restaurants, hotels, classrooms and lecture halls. Plus, because the ST121HDWP can extend your signal up to 165 feet (50 meters) over Cat5, you can achieve a total distance of 197ft using HDMI cables up to 5m (16ft) long at both the transmitter and receiver ends -- perfect for long range digital signage applications.

For installation flexibility, the extender offers the unique benefit of an optional external power adapter, giving you the option to power your extender externally for ease of installation, or internally with a 12V DC terminal to discreetly hide your power source.

The ST121HDWP is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

RoHS Compliant Available

Applications

- Install in your boardroom to extend a video source to or from a remote location
- Extend an HDMI signal to locations where power outlets are limited
- At tradeshows and auditoriums, remotely place your demo display in a viewing area, while the system equipment is placed elsewhere
- Easily connect your HDMI source device to a boardroom or classroom display or projector, enabling the instructor or presenter to share content with everyone in the room
- Use to seamlessly integrate HDMI ports in hotels, restaurants and corporate offices, keeping the rooms looking tidy with boxes and cabling out of view from guests

Features

- Installs in a wall plate for a tidy professional installation
- Only requires power at one side of the installation with Power Over Cable technology
- 165ft (50m) HDMI extention over standard CAT5 cabling
- Support for video resolutions up to 1920x1200 or 1080p
- Optional power configurations with support for in-wall terminal power, or external power adapter

	Warranty	2 Years
Hardware	Audio	Yes
	Daisy-Chain	No
	Output Signal	HDMI
	Ports	1
Performance	Audio Specifications	7.1 Surround Sound
	Max Distance	50 m / 165 ft
	Maximum Cable Length	164 ft [50 m]
	Maximum Digital Resolutions	1920x1200 or 1920x1080 (1080p)
	Supported Resolutions	1920x1200 1920x1080 (1080p) 1280x720 (720p)
	Wide Screen Supported	Yes
Connector(s)	Connector A	1 - HDMI (19 pin) Female
		1 - RJ-45 Female
	Connector B	1 - HDMI (19 pin) Female
		1 - RJ-45 Female
Power	Center Tip Polarity	Positive
	Input Current	0.5 A
	Input Voltage	110V-240V AC
	Output Current	1.5 A
	Output Voltage	12 DC
	Power Consumption (In Watts)	18
	Power Source	AC Adapter Included
Environmental	Humidity	0% - 80 % RH (non-condensing)
	Operating Temperature	0°C to 40°C (32°F to 104°F)
	Storage Temperature	-10°C to 60°C (14°F to 140°F)
Physical Characteristics	Product Height	1.7 in [43 mm]
	Product Length	4.1 in [105 mm]
	Product Weight	15.1 oz [428 g]
	Product Width	1.8 in [45 mm]

Packaging Information	Shipping (Package) Weight	1.2 lb [0.5 kg]
What's in the Box	Included in Package	1 - Wall-mounted HDMI Extender 1 - Wall-mounted HDMI Receiver 1 - Power Adapter 1 - Instruction Manual

Product appearance and specifications are subject to change without notice.