HDMI® Over CAT5e / CAT6 Extender w/ Power Over Cable RS232 IR and 10/100 Ethernet - 330 ft (100m)

StarTech ID: ST121HDBT5

The ST121HDBT5 HDMI over CAT5 video extender kit lets you extend HDMI audio/video up to 330 feet (100 meters) over a single Cat5e/6 cable. For added versatility, both the transmitter and receiver can be powered by the same single power source using Power Over Cable (POC).

To help save you installation costs, the HDMI over CAT5 extender also extends RS-232 Serial and IR through the same non-proprietary CAT5e / CAT6 Ethernet cable, offering flexible control of local devices from the remote location. The extender also includes a built-in 10/100 network switch with 4 ports on either side, that can extend an IP connection -- perfect for providing remote Internet connections to Smart TVs and gaming consoles.

The HDMI extender kit includes both the local transmitter and remote receiver units, providing a convenient point-to-point digital signage solution right out of the box. To extend your HDMI signal range further, the extender supports HDMI cables up to 5m/16ft long on both the local and remote ends, for an added distance of 32ft.

The ST121HDBT5 is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Applications

- Extend an HDMI signal to locations where power outlets are limited
- Connect IP devices such as Smart TVs, computers, and gaming consoles to the Interent or Local network on either side of the extender
- Connect a remote RS232 device such as a serial touchscreen monitor, or a serial modem to your local computer
- At tradeshows and auditoriums, remotely place your demo display in a convenient viewing area, while the system equipment is placed elsewhere in a clean and secure environment
- Control your IR video source with remote control from the remote display

Features

- 330ft (100m) HDMI over CAT5 extension
- Power over cable (POC)
- Serial & IR extension
- Built-in 10/100 extender hub
- Supports CAT5e and CAT6 Ethernet cable
- HDMI transmitter and receiver included
- 1080p & 4K resolution support
- Mounting hardware included
- No software / drivers required

Technical Specifications

Warranty	2 Years
Audio	Yes
Cabling	Cat 5 UTP or better
Daisy-Chain	No
Ports	1
Rack-Mountable	Yes
Local Unit Connectors	1 - HDMI (19 pin)
Remote Unit Connectors	1 - HDMI (19 pin)
Local Unit Connectors	1 - RJ-45
Remote Unit Connectors	1 - RJ-45
Local Unit Connectors	1 - DB-9 (9 pin; D-Sub)
Remote Unit Connectors	1 - DB-9 (9 pin; D-Sub)
Local Unit Connectors	2 - IrDA (Infrared; SIR/FIR)
Remote Unit Connectors	2 - IrDA (Infrared; SIR/FIR)
Local Unit Connectors	3 - RJ-45
Remote Unit Connectors	3 - RJ-45
Audio Specifications	7.1 Surround Sound
Max Distance	100 m / 330 ft
Maximum Cable Length	100 m [328 ft]
Maximum Digital Resolutions	4K
Supported Resolutions	3840x2160 (4K)
	2560x1600
	1920x1200
	1920x1080 (1080p)
	1280x720 (720p)
Wide Screen Supported	Yes
Color	Black
Enclosure Type	Aluminum
Product Height	36 mm [1.4 in]
Product Length	139 mm [5.5 in]
Product Weight	850 g [30 oz]
Product Width	85 mm [3.3 in]
LED Indicators	1 - Status LED
LED Indicators	3 - LAN Activity LEDs
Input Current	0.5 A

Input Voltage	100 ~ 240 AC
Output Current	1.5 A
Output Voltage	12 DC
Power Adapter Included	Yes
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)
Shipping (Package) Weight	1.4 kg [3.1 lb]
Included in Package	1 - CAT5 Cable
Included in Package	1 - HDMI extender
Included in Package	1 - HDMI receiver
Included in Package	1 - Instruction Manual
Included in Package	1 - IR sensor kit (Transmitter cable \ Receiver cable)
Included in Package	1 - Power Adapter
Included in Package	2 - Foot pad set
Included in Package	2 - Grounding Wire
Included in Package	2 - Mounting brackets

Certifications, Reports and Compatibility