

Low-Cost HDMI HDBase-T Extender with IR via One CAT5e/6

XTENDEX®

Extend HD 1080p, Multi-channel Audio, Ethernet, and IR up to 328 feet (100 meters) using CAT5e/6 cable

- Transmits an uncompressed high speed HDMI signal over one CAT5e/6 cable.
- Features two Ethernet ports on the transmitter and receiver for connecting standard network devices such as 100Base-T routers and hubs.
- Full Infrared Remote (IR) control of HDMI source or display. IR transport channel can be forward or backward per your installation.
- Supports HDTV resolutions to 1080p and computer resolutions to 1920x1200.
- HDMI features supported:
 - 36-bit Deep Color
 - x.v.Color,
 - Dolby TrueHD, DTS-HD Master Audio, Dolby Digital, DTS 7.1 and LPCM.
 - 3D
 - Bandwidth up to 3.4GHz
 - Support for CEC (consumer electronic control) compatible devices.
 - Lip Sync
- HDCP compliant.
- Supports the DDC2B protocol.



XTENDEX ST-C6HD-HDBT-LC (Front & Back)

The XTENDEX® HDMI HDBase-T Extender transmits uncompressed digital HDMI signal, IR, and Ethernet up to 328 feet (100 meters) over a single CAT5e/6 cable using HDBase-T technology. Each video extender consists of a local unit that connects to an HDMI source and a remote unit that connects to an HDMI display.



Specifications

Local Unit

- Compatible with a computer or HDTV video source with HDMI output.
- One female HDMI connector.
- One female 3.5mm port for IR transmitter/receiver (included).
 - IR transport channel can be forward or backward per your installation.
- Two female RJ45 100BaseT Ethernet ports for connecting standard network devices such as 100Base-T routers and hubs
- One female RJ45 port for sending/receiving high definition video, audio, IR, DDC and Ethernet signals.

Remote Unit

- Supports HDTV resolutions to 1080p and computer resolutions to 1920x1200.
- One female HDMI connector.
- One female 3.5mm port for IR transmitter/receiver (included).
 - IR transport channel can be forward or backward per your installation.
- Two female RJ45 100BaseT Ethernet ports for connecting standard network devices such as 100Base-T routers and hubs
- One female RJ45 port for sending/receiving high definition video, audio, IR, DDC and Ethernet signals.

Dimensions

- WxDxH: 4.37x2.95x0.93 in. (111x75x24 mm)

Power

- Local and remote unit: 100 to 240 VAC at 50 or 60 Hz via AC adapter. (Country-specific AC adapter included.)

Environmental

- Operating temperature: 5°F to 131°F (-15°C to 55°C).
- Operating/storage relative humidity: 5 to 90% non-condensing RH.

Regulatory Approvals

- CE, FCC, RoHS

Warranty

- Two years

Max Distance

- 328 feet (100 meters) over CAT5e/6 cable.

Cables

- Use HD-xx-MM cable to connect an HDMI source or display.
 - Maximum HDMI cable length: 15 feet (4.6 meters)
- Use CAT6 solid straight through cable for TIA/EIA-568B wiring terminated with standard RJ45 connectors.
- Cables not included.