

# HDMI HDBase-T Extender with IR via One CAT5/6 XTENDEX®

## Extend an HDMI display and IR signal up to 328 feet using HDBase-T technology

- Transmits an uncompressed high speed HDMI signal over one CAT5/5e/6 cable.
- Supports HDTV resolutions to 1080p and computer resolutions to 4096x2160.
- Available with optional SPDIF digital audio.
- Full Infrared Remote (IR) control of HDMI source from remote HDTV using existing source remote control.
- Only one power supply is necessary to power both the local and remote units.
- Compact size - allowing for easy connection and placement.
- HDMI features supported:
  - 4K x 2K – 3840x2160 and 4096x2160 resolutions
  - 48-bit Deep Color
  - x.v.Color, sYCC601 color, Adobe RGB Color and Adobe YCC601 color
  - Dolby TrueHD, DTS-HD Master Audio, Dolby Digital, and DTS
  - 3D
  - Bandwidth up to 3.4GHz
  - Support for CEC (consumer electronic control) compatible devices.
  - Lip Sync
- HDCP compliant.
- Supports the DDC2B protocol.
- High quality, rugged steel construction with durable powder coat finish.



**ST-C6HD-DA-HDBT  
(Local and Remote Units)**

- **Extend 1080p video & IR control to 328 ft via One CATx Cable**
- **Optional SPDIF Digital Audio**
- **Only One Power Supply Required**
- **Compact Size**

The XTENDEX® HDMI HDBase-T Extender transmits uncompressed digital HDMI signal, IR, and optional SPDIF digital audio up to 328 feet over a single CAT5e/6/7 cable using HDBase-T technology. Each video extender consists of a local unit that connects to an HDMI source and IR emitter; and a remote unit that connects to an HDMI display, IR receiver, and optional SPDIF speakers.

## Specifications

### Local Unit

- Compatible with a computer or HDTV video source with HDMI output.
- One female HDMI connector.
- IR extension support: one female 3.5mm port for IR emitter (included).
- Optional SPDIF digital audio support: one RCA jack
- One female RJ45 port for sending/receiving high definition video, audio, IR, and DDC signals.

### Remote Unit

- Supports HDTV resolutions to 1080p and computer resolutions to 4096x2160.
- One female HDMI connector.
- IR extension support: one female 3.5mm port for IR receiver (included).
- Optional SPDIF digital audio support: one RCA jack.
- One female RJ45 port for sending/receiving high definition video, audio, IR, and DDC signals.

### Dimensions

- WxDxH (in): 2.54x3.08x1.08

### Power

- Powered from a single power supply attached to either the local or remote unit.
- Local or remote unit: 100 to 240 VAC at 50 or 60 Hz via AC adapter. (Country-specific AC adapter included.)

### Environmental

- Operating temperature: 32 to 122°F (0 to 50°C).
- Storage temperature: -20 to 140°F (-30 to 60°C).
- Operating/storage relative humidity: 17 to 90% non-condensing RH.

### Regulatory Approvals

- CE, RoHS

### Warranty

- Two years

### Configuration and Cable Illustration

