

# Low-Cost HDMI Extender via one CAT5e/6: Extend up to 394 Feet XTENDEX®

## Extend an HDMI display up to 394 feet away from the source.

- Uncompressed signal transmission over a single CAT5e/6 cable.
  - Using CAT5e cable, extend to 328 feet (100 meters).
  - Using CAT6 cable, extend to 394 feet (120 meters).
- Supports HDTV resolutions to 1080p @60Hz, and up to 1680x1050 (WSXGA+).
- HDMI features supported:
  - HDMI 1.3
  - Up to 24-bit Deep Color
  - LPCM, Dolby Digital, and DTS.
  - Bandwidth up to 340 MHz (10.2 Gbps)
- HDCP 1.4 compliant.
- Full Infrared Remote (IR) control of HDMI source from remote HDTV using existing source remote control.
- Plug-and-play functionality.



### ST-C6HD-394-LC (Remote & Local Unit)

Low-Cost HDMI Extender transmits digital video and audio signals up to 328 feet (100 meters) using one CAT5e cable or 394 feet (120 meters) using one CAT6 cable. Each video extender consists of a local unit that connects to an HDMI source and a remote unit that connects to an HDMI display.

- **Extend 1080p video up to 394 ft via one CAT5e/6 Cable**
- **Uncompressed signal transmission.**

## Specifications

### Local Unit

- Compatible with a computer or HDTV video source with HDMI output.
- One female HDMI connector for source connection.
- One female RJ45 port for sending high definition video/audio signals.
- One female 3.5mm port for IR emitter (included).

### Remote Unit

- One female HDMI connector for display.
- One female RJ45 port for receiving high definition video/audio signals.
- Supports HDTV resolutions to 1080p @60Hz, and up to 1680x1050 (WSXGA+).
- One female 3.5mm port for IR receiver (included).

### Power

- Local and remote unit:
  - Input: 110 to 240 VAC at 50 or 60 Hz via AC adapter.
    - ♦ ST-C6HD-394-LC: US NEMA 1-15P
    - ♦ ST-C6HD-394-LCEU: Europlug CEE 7/16
    - ♦ ST-C6HD-394-LCUK: UK BS1363
    - ♦ ST-C6HD-394-LCAU: AS/NZS 3112
    - ♦ ST-C6HD-394-LCUNV: US NEMA 1-15P with country-specific universal power plug adapter
  - Output: 5VDC, 1A
- Power consumption:
  - Local unit: 2W
  - Remote unit: <2W

### Environmental

- Operating temperature: 32 to 140°F (0 to 60°C)
- Storage temperature: 14 to 158°F (-10 to 70°C)
- Operating and storage relative humidity: 0 to 90% non-condensing RH

### Dimensions

- WxDxH: 2.28x2.72x0.63 in (58x69x16 mm)

### Regulatory Approvals

- CE, FCC, RoHS

### Warranty

- Two years.

### Max Distance

- 394 feet (120 meters) over CAT6 cable.
- 328 feet (100 meters) over CAT5e cable.

### Cables

- Interface cables between the video source/display and the transmitter/receiver are required for proper operation.
  - Supports cable lengths to 8 meters (26.24 feet).
  - Cables longer than 8 meters can be used provided they have a built-in video equalizer (also known as “active HDMI cables”).
- Use HD-xx-MM cable to connect an HDMI source or display (not included).
- Use DVI-HD-xM-MM cable to connect a DVI source or display (not included).
- Use HD-RM-xx-MM 4K HDMI RedMere Active Cables to connect an HDMI source or display up to 100 feet (not included).
- Use CAT5e/6 solid straight through cable for TIA/EIA-568B wiring terminated with standard RJ45 connectors (not included).

### Package Includes

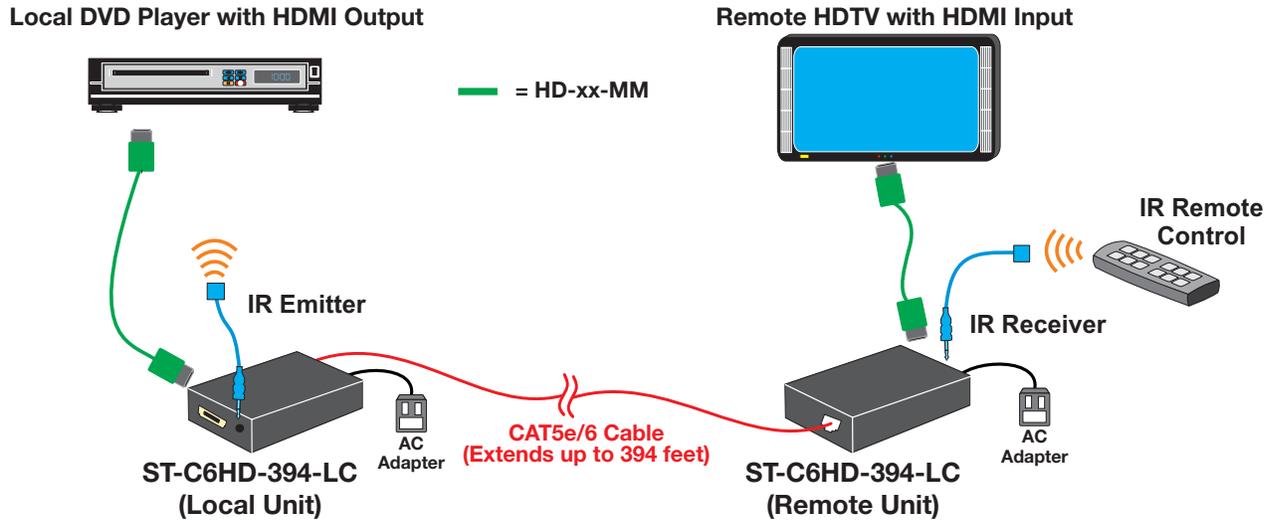
- One transmitter unit
- One receiver unit
- One IR emitter extension cable
- One IR receiver extension cable
- Two power supplies
- User manual

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## Configuration and Cable Illustrations



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NTI Part #	Power Cord Plug
ST-C6HD-394-LC	US NEMA 1-15P
ST-C6HD-394-LCEU	Europlug CEE 7/16
ST-C6HD-394-LCUK	UK BS1363
ST-C6HD-394-LCAU	AS/NZS 3112
ST-C6HD-394-LCUNV	US NEMA 1-15P with country-specific universal power plug adapter