

# Low-Cost HDMI Extender via One CAT5e/6

XTENDEX®

## Extend an HDMI display up to 150 feet away from the source.

- Transmits an HDMI signal over a single CAT5e/6 cable.
- Supports HDTV resolutions to 1080p.
- HDMI 1.3 and HDCP 1.1 compliant.
- HDCP compliant.
- HDMI features supported:
  - Up to 36-bit Deep Color
  - 3D video
  - Supports lossless compressed digital audio: Dolby TrueHD and DTS-HD Master Audio.
  - Bandwidth up to 149 MHz (1.5 Gbps)
- Built-in default EDID table.

## Specifications

### Local Unit

- Compatible with a computer HDTV video source with HDMI output.
- One female HDMI connector.
- One female RJ45 port for sending/receiving high definition video/audio signals.
- Built-in default EDID table
  - Recommended for use with 1080p HDMI displays.
  - Supports 3D
    - ◆ Note: if the input source is 3D the output display must support 3D.

### Remote Unit

- One female HDMI connector for display.
  - Not recommended for use with DVI monitors.
- One female RJ45 port for sending/receiving high definition video/audio signals.
- Supports HDTV resolutions to 1080p.
- Supports embedded digital audio through HDMI compatible TVs or audio receivers.
- Auto equalization for different lengths of CAT5e/6 cable.

### Power

- Local and remote unit: 110 or 220 VAC at 50 or 60 Hz via AC adapter. (US AC adapters included).
  - Optional universal power plug adapters available (not included).
- Power consumption (local and remote): 5W

### Max Distance

- 150 feet (46 meters) over CAT5e/6 cable.

### Cables

- Use HD-xx-MM cable to connect an HDMI source or display.
- Use CAT5e/6 solid straight through cable for TIA/EIA-568B wiring terminated with standard RJ45 connectors (not included).

### Environmental

- Operating and storage temperature: 23 to 95°F (-5 to 35°C)
- Operating and storage relative humidity: 5 to 90% non-condensing RH.

### Dimensions

- WxDxH: 1.89x3.27x0.98 in (48x83x25 mm)

### Regulatory Approvals

- CE, RoHS
- FCC Part 15 Subpart Class B



ST-C6HD-150-LC

- Extend 1080p video up to 150 ft via One CAT5e/6 Cable
- Supports 3D Signals

The XTENDEX® Low-Cost HDMI Extender transmits digital video and audio signals up to 150 feet using one CAT5e/6 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.

