

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.



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.

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 to 240 VAC at 50 or 60 Hz via AC adapter.
 - Power Cord Plug
 - ST-C6HD-150-LC: US NEMA 1-15P
 - ST-C6HD-150-LCEU: Europlug CEE 7/16
 - ST-C6HD-150-LCUK: UK BS1363
 - ST-C6HD-150-LCAU: AS/NZS 3112
 - ST-C6HD-150-LCUNV: US NEMA 1-15P with country-specific universal power plug adapter
- Power consumption: 5W each.

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

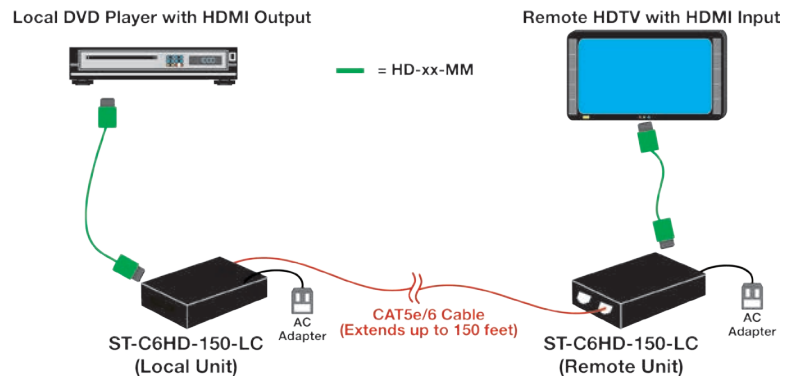
- Operating and storage temperature: 23 to 95°F (-5 to 35°C)
- Operating and storage relative humidity: 5 to 90% non-condensing RH.

Dimensions

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

Regulatory Approvals

- CE, RoHS
- FCC Part 15 Subpart Class B



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