

# Low-Cost Mini HDMI Extender via One CAT6/6a/7

XTENDEX®

## Extend an HDMI display up to 164 feet (50 meters)

- Supports HDTV resolutions to 1080p.
- Transmits an HDMI signal over one CAT6/6a/7 cable.
- HDMI features supported:
  - Dolby TrueHD, DTS-HD Master Audio, Dolby Digital, and DTS
- HDCP compliant.
- Built-in default EDID table.
- Connect directly to source/display – no HDMI cable needed.



**XTENDEX ST-1C6-MINI-ULC  
(Remote and Local Unit)**



The XTENDEX® Mini HDMI Extender transmits digital video and audio signals up to 164 feet (50 meters) using one CAT6/6a/7 cable. Each 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 male HDMI connector for source connection.
- One female RJ45 port for sending high definition video/audio signals.
- One female USB Micro-B connector for power.
  - Can be powered by a USB port on a USB PC.

### Remote Unit

- Resolutions supported by built-in EDID table: 480i @ 60Hz, 480p @ 60Hz, 576i @ 50Hz, 576p @ 50Hz, 720p @ 50/60Hz, 1080i @ 50/60Hz, 1080p @ 50/60Hz.
- One male HDMI connector for display.
- One female RJ45 port for receiving high definition video/audio signals.
- One female USB Micro-B connector for power.
  - Can be powered by a USB port on the display.

### Power

- Local and remote unit: powered via USB Micro-B.
  - Two 3 ft (0.92 m) Male USB Micro-B to Male USB Type A cables included.
- Voltage input: 5VDC.
- Power consumption: 2W each.

### Dimensions

- WxDxH (in): 3.54x1.81x0.71 (90x46x18 mm).

### Environmental

- Operating temperature: 32 to 140°F (0 to 60°C).

### Max Distance

- 164 ft (50 m) over CAT6/6a/7 cable

### Cables

- Use CAT6/6a/7 straight through cables for TIA/EIA-568B wiring terminated with standard RJ45 connectors (not included) to extend up to 164 feet (50 meters).

### Regulatory Approvals

- CE, RoHS.

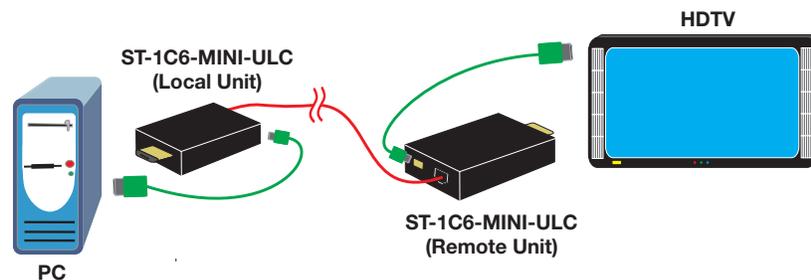
### Warranty

- Two years.

### Package Includes

- One transmitter unit
- One receiver unit
- Two Male USB Type A to Male USB Micro cables
- User Manual

## Configuration and Cable Illustration



- = CAT6 Cable (up to 164 ft)
- = USB Power - Male USB Micro B to Male USB Type A (included)