



**c-linx series**

**Features**

- Support HDMI Deep Color & full 3D & 4K2K@30 (HDBaseT technology)
- Extend the transmission up to 60m (198ft) from the HDMI source at Full HD 1080p and 40m (130ft) at 4K2K@30
- Supports up to 48-bit color depth
- Supports daisy-chaining up to 10 displays in conjunction with transceiver CX-1HDBT-IR-DC
- Supports HDCP, CEC & EDID
- Auto equalization
- Pure unaltered uncompressed 7.1ch digital HDMI over Cat.5/5e/6 cable transmission
- DTS-HD Master Audio and Dolby TrueHD high bit rate audio support

**Applications**

- Digital Signage
- Houses of Worship
- Video Walls
- Auditoriums
- Conference Rooms
- Theaters

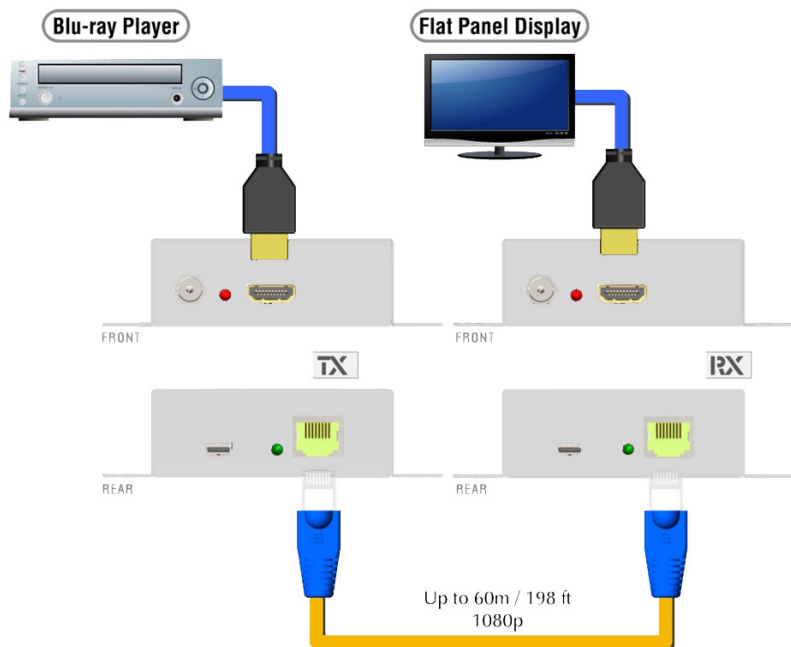
**HDMI Extender with HDBaseT**

EMCORE's CX-1HDMI-LT provides a professional way to extend HDMI up to 60 meters in real time over CATx with HDBaseT. With CX-1HDMI-LT, users can transmit the most high quality 3D digital video with HDMI specification from DVD players, Blu-ray Disc player, PS3, and any other kinds of sources compliant with TMDS, to distant display monitors, including HDMI or DVI enabled TV sets or LCD PC monitors. Compatibility is further insured with advanced design for the latest HDMI technology, deep color video, DTS-HD audio, Dolby TrueHD audio and HDCP support.

The CX-1HDMI-LT comes as a link, with both transmitter and receiver units. The transmitter is used to capture the input HDMI/DVI signals and carry the signals over a single CATx cable, then the receiver equalizes the transmitted HDMI signal. The CX-1HDMI-LT ensures that architects, integrators, installers and end-users are presented with more options than ever before for sending impressive digital video to remote displays.

**Connection Diagram**

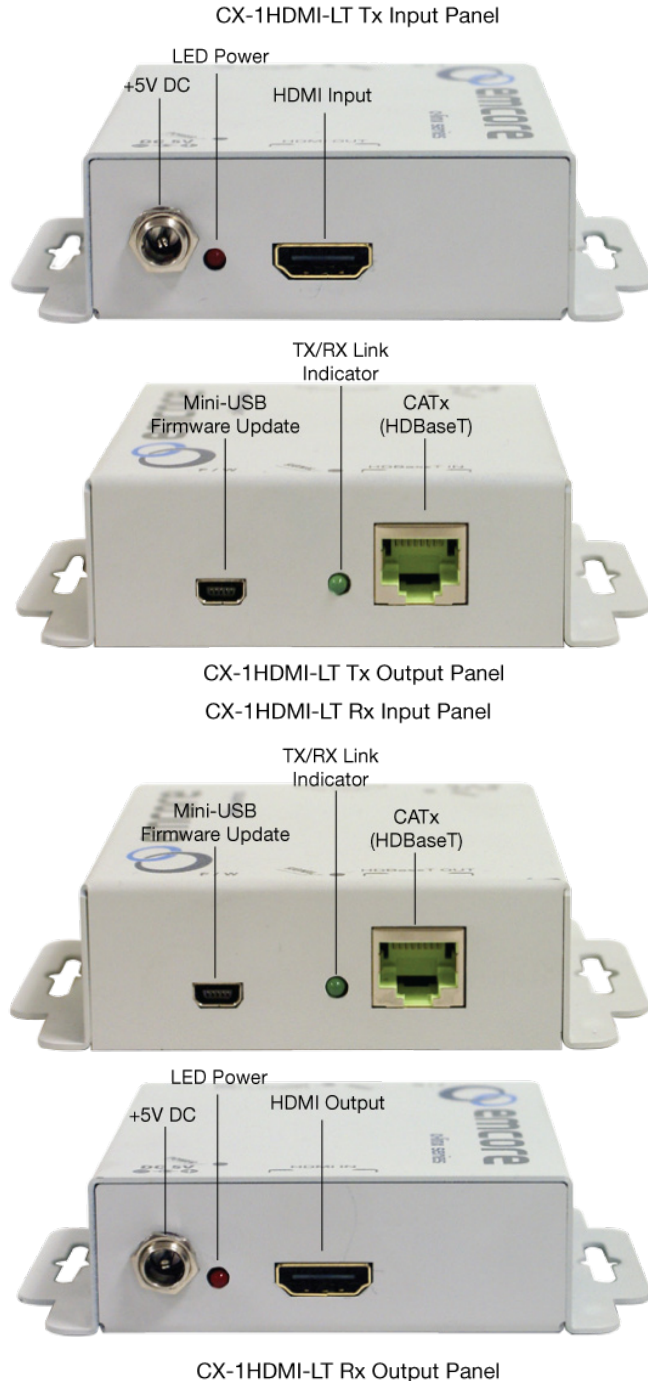
- ➔ HDMI
- ➔ CAT5/5e/6



**Ordering Information**

Model	Description
CX-1HDMI-LT	HDBaseT, HDMI extender (Tx and Rx) over single CATx, 60m, stand-alone with power supplies

**Connection Diagram**



**Video**

Specifications	Values
Inputs	HDMI
Outputs	HDMI
HDMI connector	Type A [19-pin female]
HDMI and HDCP Compliance	HDMI 1.3 and HDCP 1.1
Video bandwidth	340 MHz [10.2Gbps]
Video support	480i/60Hz, 480p/60Hz, 720p/60Hz, 1080i/60Hz, 1080p/60Hz, up to 4K UHD (3840x2160/30Hz)

**Audio**

Specifications	Values
Embedded with HDMI	Surround sound [up to 7.1ch] or stereo digital audio with auto equalization

**General**

Specifications	Values
Input Power	5V DC
Power Consumption	3w max [TX], 7w max [RX]
Weight	7 oz [200g]
Dimensions	2.9" x 3.5" x 1" [73 x 89 x 26mm]
Operating Temperature	0~40°C [32~104°F]
Storage Temperature	-20~60°C [-4~140°F]
Relative Humidity	20~90%
Warranty	1 Year

**Compliance**

