

CX-1HDMI-3D-DPR

HDMI Extender with Direct Plug-in Receiver



DATASHEET

EXTENDER



TX

c-linx series



RX

Features

- Supported resolutions: 480i, 480p, 720p, 1080i, 1080p60
- Supports up to 36-bit color depth
- Supports HDMI Deep Color and Full 3D
- HDCP compliant
- Pure unaltered uncompressed 7.1ch digital HDMI over UTP/STP cable transmission
- Allows direct plug-in to the HDMI display
- Remote unit self-powered

Applications

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

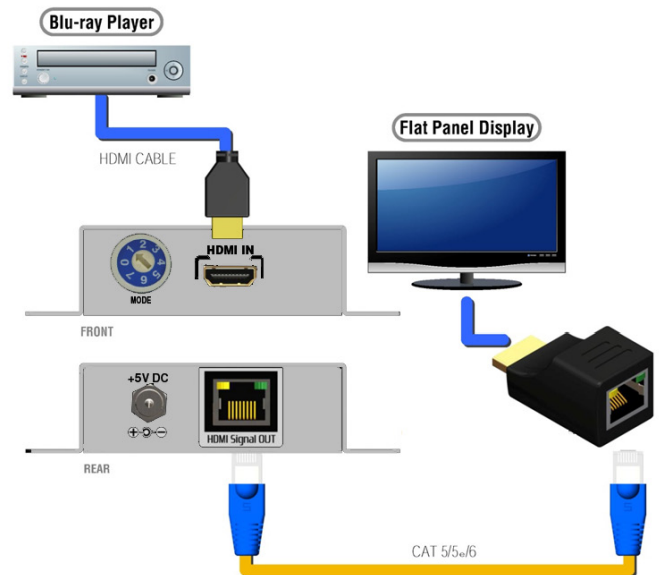
HDMI Extender with Direct Plug-in Receiver

EMCORE's CX-1HDMI-3D-DPR provides a professional way to extend HDMI with direct plug-in receiver in real time over CATx. With CX-1HDMI-3D-DPR, users can boost video with embedded audio up to 25m in HDTV 1080i/720p or 15m in HDTV 1080p format. CX-1HDMI-3D-DPR also supports the most advanced 3D video formats with HDMI.

The CX-1HDMI-3D-DPR comes as a link, with both transmitter and receiver units. The transmitter is connected to your HDMI/DVI source, such as a Blu-ray player, and the receiver is connected to an HDMI display, such as a HDTV or a projector. The CX-1HDMI-3D-DPR ensures that architects, integrators, installers and end-users are presented with more options than ever before for sending impressive 3D digital video to remote displays.

Connection Diagram

- ➔ HDMI
- ➔ CAT5/5e/6



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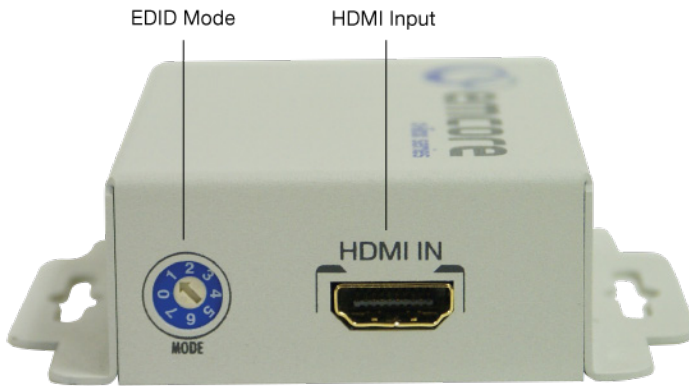
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Ordering Information

Model	Description
CX-1HDMI-3D-DPR	Flangemount HDMI (TX and RX) with direct plug-in Rx with full 3D support over single CATx, stand-alone with power supply for TX

Connection Diagram

CX-1HDMI-3D-DPR Tx Input Panel

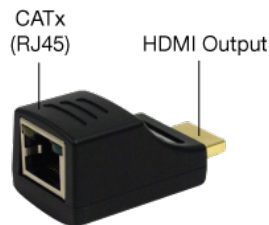


+5V DC CATx



CX-1HDMI-3D-DPR Tx Output Panel

CX-1HDMI-3D-DPR Rx Plug-In



Video

Specifications	Values
Inputs	Standard HDMI
Outputs	Standard HDMI
HDMI and HDCP Compliance	HDMI Deep Color and full 3D and HDCP 1.1
Video bandwidth	Single-link 225 MHz [2.25Gbps]

Audio

Specifications	Values
Embedded Audio	Surround sound [up to 7.1ch] or stereo digital audio with auto equalization
Audio support	TX: Mode RX: None

General

Specifications	Values
Input Power	TX: 5V DC RX: No power supply needed
Power Consumption	TX: 1w max RX: 1w max
Weight	12 oz [340g]
Dimensions	TX: 3.7" x 2.4" x 1.1" [94 x 61 x 28mm] RX: 1.8" x 1" x 0.9" [45 x 25 x 22mm]
Operating Temperature	0~40°C [32~104°F]
Storage Temperature	-20~60°C [-4~140°F]
Relative Humidity	20~90%
Warranty	1 Year

Compliance

