

<b>Description</b>	<b>Specifications</b>
Model	HDMI-CAT-EXT
HDMI IN/Out Connectors	19 pin HDMI female type-A
Infrared In/Out	1
Optical Digital Audio In/Out	1
Ethernet cables required	2
Ethernet Cable	CAT-6 Recommended for 1080P and best performance
Transmission Length	150ft @ 1080P using CAT-6
HDCP pass thru	Yes
Video Resolution	480 P, 720 I/P, 1080 I/P
Video Data Rate	6.75 Gbps
Deep Color Support	Yes
Vertical Frequency Scan Rate	50 / 60 Hz
Dimension	3.30 x 3.88 x 1.25 inch (83.9 x 98.7 x 31.9 mm)
DC adapter (included)	5 VDC, 1.0 A



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**V 1.3**  
**Deep Color**

## **Installation Guide**

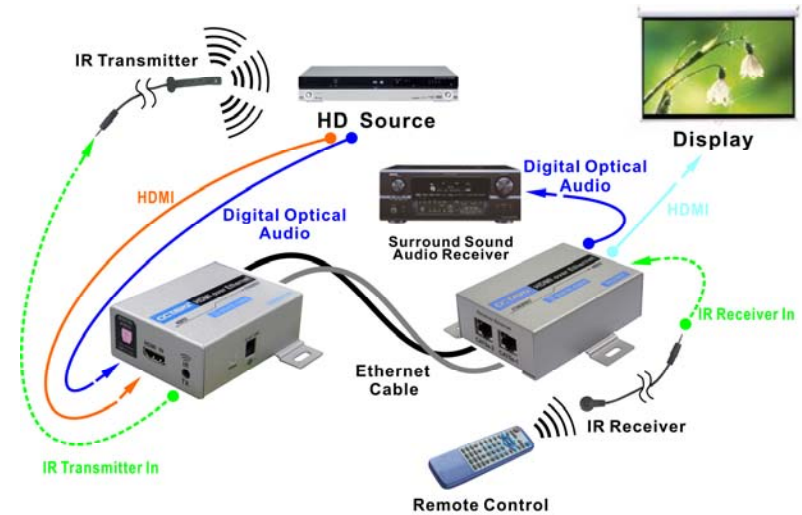
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**Application Diagram**

**Installation:**

- 1) Connect the HDMI Source to the **HDMI Transmitter** HDMI Input.
- 2) Connect the HDTV to the **HDMI Receiver** HDMI Output.
- 3) Connect **CAT5e -1** of the **HDMI Transmitter and Receiver** with CAT5e/6 cable.
- 4) Connect **CAT5e -2** of the **HDMI Transmitter and Receiver** with CAT5e/6 cable.
- 5) Connect the I.R. Receiver cable (optional) to the **I.R. TX** of **HDMI Receiver Transmitter**.
- 6) Connect the I.R. Transmitter cable (optional) to the **I.R. TX** of **HDMI Transmitter**.
- 7) Connect Digital Optical Toslink cable(optional) from HD source to Digital Audio port of the **HDMI Transmitter**.
- 8) Connect Digital Optical Toslink cable(optional) from **HDMI Receiver** to Surround Sound Audio Receiver.
- 9) Connect the DC power adapter.

**Ethernet CAT 6 cable is recommended for 1080P and best performance.**

## Description:

**HDMI over CAT5e/6 Transceiver** allows transmission of HDMI digital video/audio, I.R. and Toslink Optical Audio over standard CAT-5 / 6 Ethernet cables. The HDMI Transceiver consists of a HDMI Transmitter and a HDMI Receiver and allows transmission of 1080P HD over 150ft over Ethernet cables (CAT-6 recommended). In addition, **Remote Infrared** can be extended and sent from viewing area to the equipment room by using the I.R. Receiver and transmitter cables. **Optical Audio Toslink** In/ Out port is provided to extend Optical Toslink Audio signal from Source to the Surround Sound Receiver.

### CAT 6 cable is recommended for 1080P and best performance

The HDMI over Ethernet Transceiver allows installers to use standard CAT 5/6 cables for ease of installation. Ethernet cables and connectors are easily field terminated thus allowing installers to easily install the proper length cable needed for ultimate flexibility and eliminate logistics problems of having custom length HDMI cables.

**Active Drive and Compensation** circuitry ensures error free video transmission for the ultimate HD experience enables.

## Features:

- HDMI transmission using Ethernet cables.
- 150ft (1080P) over Ethernet CAT-6 cables.
- **Infrared extension** ports for remote control extension
- **Digital Optical Audio** Port for Optical Toslink extension.
- 6.75 Gbps aggregate data rate support for V1.3.
- Ethernet cables for easy field installation. No custom length cables needed.
- **Active Drive and Compensation** for Error Free Transmission.

