

### Overview

The HDMI Extender Kit (500451) allows HDMI equipment to be connected up to 230 ft (70m) via one (1) Cat5e/6 cable in a point-to-point configuration at all resolutions up to 1080p. The 500451 supports IR source control and includes one IR emitter and one IR sensor. The kit comes with one (1) transmitter, one (1) receiver and two (2) power supplies.

### Applications

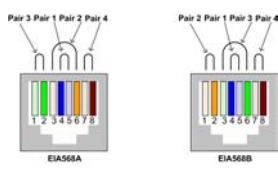
Commercial and residential AV systems, classroom projector systems, digital signage, boardroom systems, collaborative PC systems, medical information systems.



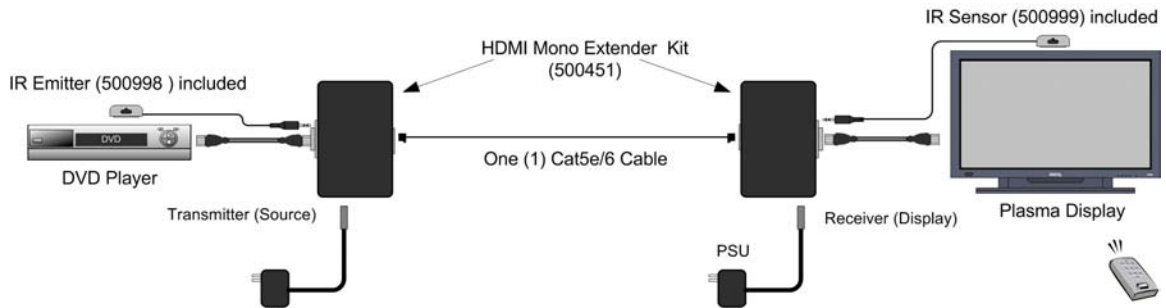
### Key Features

- Supports 3D feature of HDMI 1.4
- Up to 230 ft (70m) at all resolutions up to 1080p Deep Color via single Cat5e/6
- Up to 115 ft (35m) @ 4K resolution
- Supports all digital audio modes
- Supports bi-directional IR remote control Includes IR Emitter and IR Sensor
- Locking screw for HDMI connector
- Complies to HDCP 1.4 or HDCP 2.2

Specifications	
<b>Environment</b>	HDMI 1.3a, HDBaseT (5 Play technology). (Supports the 3D feature of HDMI 1.4). Supports all digital audio modes: 7.1CH, Dolby TrueHD, DTS-HD
<b>Devices</b>	DVD, plasma, projectors, monitors, TV, PC, laptops, servers supporting HDMI
<b>Transmission</b>	Transparent to the user
<b>Bandwidth</b>	340 MHz
<b>Standard</b>	HDMI 1.3a
<b>Connectors</b>	One (1) HDMI receptacle with locking screw One (1) RJ45S for link via Cat5e/6 cable 3.5mm jacks for IR Emitter and IR Sensor <i>HDMI cables not included.</i>
<b>Max. Distance*</b>	4480i/p: Cat 5e/6: 230 ft (70 m) 720p, 1080i: Cat 5e/6: 230 ft (70 m) 1080p: Cat 5e/6: 230 ft (70 m) 1080p Deep Color: Cat 5e/6: 230 ft (70 m) 4K (3840x 2160): Cat 5e/6: 115 ft (35 m)
<b>RJ45 Pin Configuration</b>	RJ45 Pin 1 (R) Pin 2 (T) Pin 3 (R) Pin 6 (T) Pin 4 (R) Pin 5 (T) Pin 7 (R) Pin 8 (T)
<b>Cable</b>	One (1) Category 5e or better twisted pair cables required.
<b>Power Supply</b>	Two (2) 110-240V/5VDC power supply with interchangeable blades included
<b>Power Consumption</b>	Transmitter: 1.6W Receiver: 3.2W
<b>Temperature</b>	Operating: 0° to 40° C. Storage:-20° to 85° C. Humidity: up to 95% non-condensing.
<b>Enclosure</b>	Metal
<b>Dimensions</b>	4.40" x 3.00" x 1.00" (11.2 x 7.6 x 2.5 cm)
<b>Weight</b>	1.4 lb (.6 kg)
<b>Compliance</b>	Regulatory: FCC Class A, CE, RoHS
<b>Warranty</b>	2 years
<b>Order Information</b>	500451HDMI Extender Kit (incl;Tx, Rx, IR-Emitter, IR Sensor, 2x PSU) 500451-RX HDMI Receiver (for use with 500476)



## Typical Application



rear panels