

### Overview

The HDMI Mono Extender Kit (500450) allows HDMI equipment to be connected up to 330 ft (100 m) @ 1080p Deep Color via one (1) Cat 5e/6 unshielded twisted pair cable in a point-to-point configuration. The kit comes with one (1) Transmitter and one (1) Receiver as well as an IR Emitter (500998) and IR Sensor (500999) for remote control applications.

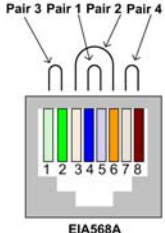
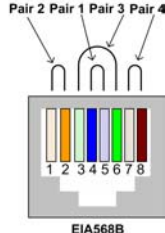


### Applications

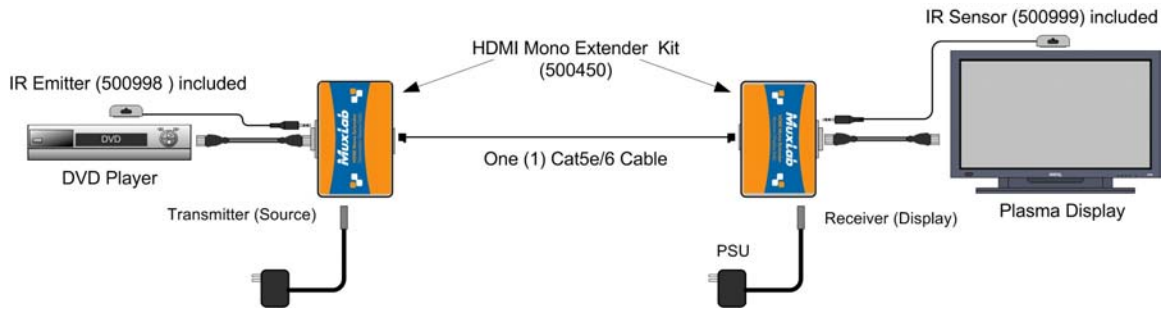
Commercial and residential AV systems, classroom projector systems, digital signage, boardroom systems, collaborative PC systems, medical information systems.

### Key Features

HDMI 1.3a  
 Up to 330 ft (100m) at all resolutions up to 1080p Deep Color via single Cat5e/6  
 Supports IR remote source control  
 Includes IR Emitter (500998) and IR Sensor (500999)

Specifications	
<b>Environment</b>	HDMI 1.3a, HDBaseT
<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>Signals</b>	HDMI 1.3a, HDBaseT
<b>Connectors</b>	One (1) HDMI receptacle. One (1) RJ45S for Cat5e/6 unshielded or shielded twisted pair. 3.5mm jacks for IR emitter and IR Sensor <i>HDMI cables not included.</i>
<b>Max. Distance*</b>	480i/p: Cat 5e/6: 330 ft (100 m) 720p, 1080i: Cat 5e/6: 330 ft (100 m) 1080p: Cat 5e/6: 330 ft (100 m) 1080p Deep Color: Cat 5e/6: 330 ft (100 m) When installed in an electrically noisy environment, STP cable must be used. Also, cross-connection reduces the effective distance depending on the grade of twisted cable used.
<b>RJ45 Pin Configuration</b> Reverse Polarity Sensitive Use EIA/TIA 568 A or B, straight-through wiring.	<b>RJ45</b> Pin 1 (R) Pin 2 (T) Pin 3 (R) Pin 6 (T) Pin 4 (R) Pin 5 (T) Pin 7 (R) Pin 8 (T) <div style="display: flex; justify-content: space-around; align-items: center;">   </div>
<b>Cable</b>	One (1) Cat5e/6 or better twisted pair cable required.
<b>Power Supply</b>	Two (2) 110-240V/12VDC power supply with interchangeable blades included
<b>Power Consumption</b>	Transmitter: 1.8W Receiver: 3.6W
<b>Temperature</b>	Operating: 0° to 55° C. Storage: -20° to 85° C. Humidity: up to 95% non-condensing.
<b>Enclosure</b>	Cast aluminum
<b>Dimensions</b>	4.50" x 3.00" x 1.25" (11.4 x 7.6 x 3.2 cm)
<b>Weight</b>	2.0 lb (0.9 kg)
<b>Compliance</b>	Regulatory: FCC, CE, RoHS Flammability: 94V0
<b>Warranty</b>	2 years
<b>Order Information</b>	500450 HDMI Mono Extender Kit (includes, Tx, Rx, IR-Emitter, IR Sensor, 2x PSU)

## Typical Application



Rear panels