

### Overview

The HDMI Econo Plus Extender Kit (500401) allows HDMI equipment to be connected up to 150 ft (45m) via two (2) Cat5e unshielded twisted pair cables in a point-to-point configuration at 1080p resolution. The product also supports 1080p Deep Color up to 90 ft (27m) via Cat6 cables. The kit comes with one (1) transmitter, one (1) receiver and one (1) power supply.

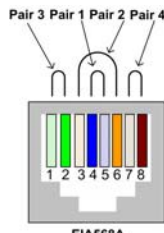
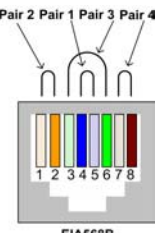


### Applications

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

### Key Features

- Up to 150 ft (45m) @ 1080p via Cat5e
- Up to 90 ft (27m) @ 1080p Deep Color via Cat6
- Connect via two (2) Cat5e/6 cables
- May be used with MuxLab mounting accessories

Specifications																	
<b>Environment</b>	HDMI 1.3 and DVI-D. (Supports the 3D feature of HDMI 1.4)																
<b>Devices</b>	DVD, plasma, projectors, monitors, TV, PC, laptops, servers supporting HDMI																
<b>Transmission</b>	Transparent to the user																
<b>Bandwidth</b>	225 MHz																
<b>Standard</b>	HDMI 1.3																
<b>Connectors</b>	HDMI receptacle. Two (2) RJ45S for Cat5 unshielded or shielded twisted pair.  <i>HDMI cables not included.</i>																
<b>Max. Distance*</b>	<table border="0"> <tr> <td>480i/p:</td> <td>Cat5e: 300 ft (90 m)</td> <td>Cat6: 300 ft (90 m)</td> </tr> <tr> <td>720p, 1080i:</td> <td>Cat5e: 200 ft (60 m)</td> <td>Cat6: 250 ft (76 m)</td> </tr> <tr> <td>1080p 8-bit:</td> <td>Cat5e: 150 ft (45 m)</td> <td>Cat6: 200 ft (60 m)</td> </tr> <tr> <td>1080p 12-bit Deep Color:</td> <td>not specified</td> <td>Cat6: 90 ft (27 m)</td> </tr> </table> <p><i>*Based on a maximum length of 6.6 ft (2m) of HDMI cable per end</i></p> <p>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. Patch panels are not recommended with 1080p Deep Color.</p>	480i/p:	Cat5e: 300 ft (90 m)	Cat6: 300 ft (90 m)	720p, 1080i:	Cat5e: 200 ft (60 m)	Cat6: 250 ft (76 m)	1080p 8-bit:	Cat5e: 150 ft (45 m)	Cat6: 200 ft (60 m)	1080p 12-bit Deep Color:	not specified	Cat6: 90 ft (27 m)				
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<b>RJ45 Pin Configuration</b> <i>Reverse Polarity Sensitive</i> <i>Use EIA/TIA 568 A or B, straight-through wiring.</i>	<p>RJ45 A (video)</p> <table border="0"> <tr><td>Pin 1 (R)</td><td>Pin 2 (T)</td></tr> <tr><td>Pin 3 (R)</td><td>Pin 6 (T)</td></tr> <tr><td>Pin 4 (R)</td><td>Pin 5 (T)</td></tr> <tr><td>Pin 7 (R)</td><td>Pin 8 (T)</td></tr> </table> <p>RJ45 B (DDC)*</p> <table border="0"> <tr><td>Pin 1 (R)</td><td>Pin 2 (T)</td></tr> <tr><td>Pin 3 (R)</td><td>Pin 6 (T)</td></tr> <tr><td>Pin 4 (R)</td><td>Pin 5 (T)</td></tr> <tr><td>Pin 7 (R)</td><td>Pin 8 (T)</td></tr> </table> <div style="display: flex; justify-content: space-around; align-items: center;">   </div> <p><i>*In the DDC cable, RJ45 pins 5 and 8 are unused and available for other services.</i></p>	Pin 1 (R)	Pin 2 (T)	Pin 3 (R)	Pin 6 (T)	Pin 4 (R)	Pin 5 (T)	Pin 7 (R)	Pin 8 (T)	Pin 1 (R)	Pin 2 (T)	Pin 3 (R)	Pin 6 (T)	Pin 4 (R)	Pin 5 (T)	Pin 7 (R)	Pin 8 (T)
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<b>Cable</b>	Two (2) Category 5e or better twisted pair cables required.																
<b>Power Supply</b>	One (1) 110-240V/12VDC power supply with interchangeable blades included																
<b>Power Consumption</b>	3W																
<b>Temperature</b>	Operating: 0° to 55° C. Storage: -20° to 85° C. Humidity: up to 95% non-condensing.																
<b>Enclosure</b>	ABS fire retardant plastic																
<b>Dimensions</b>	2.4" x 2.25" x 1.0" (6.1 x 5.5 x 2.5 cm)																
<b>Weight</b>	10.9 oz (309 gms)																
<b>Mounting</b>	Velcro pads included.																
<b>Compliance</b>	Regulatory: FCC Class A, CE, RoHS Flammability: 94V0																
<b>Warranty</b>	2 years																
<b>Order Information</b>	500401 HDMI Econo Plus Extender Kit																

Typical Application

