

Overview

The VideoEase HDMI Econo Extender Kit (500400) allows HDMI equipment to be connected up to 200 ft (60m) via two (2) Cat5E/6 unshielded twisted pair cables in a point-to-point configuration at 1080i resolution. The product also supports 1080p up to 100 ft (30m) via two (2) Cat6 cables. The kit come 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 100 ft (30m) @ 1080p via Cat6*
- Up to 200 ft (60m) @ 1080i via Cat5e
- Connect via two (2) Cat5e cables
- HDMI 1.3 (except for 1080p Deep Color)
- * Supports Deep Color up to 1080i

Specifications																	
Environment	HDMI and DVI-D																
Devices	DVD, plasma, projectors, monitors, TV, PC, laptops, servers supporting HDMI																
Transmission	Transparent to the user																
Bandwidth	165MHz																
Compliance	HDMI 1.3 except for 1080p Deep Color. Supports Deep Color up to 1080i																
Connectors	HDMI receptacle. Two (2) RJ45S for Cat5 unshielded or shielded twisted pair. <i>HDMI cables not included.</i>																
Max. Distance*	<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: 200 ft (60 m)</td> </tr> <tr> <td>1080p:</td> <td>Cat5e: 66 ft (20 m)</td> <td>Cat6: 100 ft (30 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.</p>	480i/p:	Cat5e: 300 ft (90 m)	Cat6: 300 ft (90 m)	720p, 1080i:	Cat5e: 200 ft (60 m)	Cat6: 200 ft (60 m)	1080p:	Cat5e: 66 ft (20 m)	Cat6: 100 ft (30 m)							
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RJ45 Pin Configuration <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 style="text-align: center;"> <p>EIA568A</p> </div> <div style="text-align: center;"> <p>EIA568B</p> </div> </div>	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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Cable	Two (2) Category 5e or better twisted pair cables required.																
Power Supply	One (1) 110-240V/12VDC power supply with interchangeable blades included																
Power Consumption	3W																
Temperature	Operating: 0° to 55° C. Storage: -20° to 85° C. Humidity: up to 95% non-condensing.																
Enclosure	ABS fire retardant plastic																
Dimensions	2.4" x 2.25" x 1.0" (6.1 x 5.5 x 2.5 cm)																
Weight	10.9 oz (309 gms)																
Mounting	Velcro pads included.																
Compliance	Regulatory: FCC Class A, CE, RoHS Flammability: 94V0																
Warranty	2 years																
Order Information	500400 HDMI Econo Extender Kit																

Typical Application

