



Description

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 cable. 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.

Features

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

Specifications

Environment	HDMI and DVI-D	
Devices	DVD, plasma, projectors, monitors, TV, PC, laptops, servers supporting HDMI	
Transmission	Transparent to the user.	
Bandwidth	225 MHz	
Standard	HDMI 1.3a	
Connectors	HDMI receptacle. □ Two (2) RJ45S for Cat5e/6 unshielded or shielded twisted pair. HDMI cables not included.	
Max. Distance* <i>*Based on a maximum length of 6.6 ft (2m) of HDMI cable per end</i>	480i/p: Cat5e: 300 ft (90 m) 720p, 1080i: Cat5e: 200 ft (60 m) 1080p 8-bit: Cat5e: 150 ft (45 m) 1080p 12-bit Deep Color: not specified	Cat6: 300 ft (90 m) Cat6: 250 ft (76 m) Cat6: 200 ft (60 m) Cat6: 90 ft (27m)
<i>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.</i>		
RJ45 Pin Configuration Reverse Polarity Sensitive <i>Use EIA/TIA 568 A or B, straight- through wiring</i>	RJ45 A (video) Pin 1 (R) Pin 2 (T) Pin 3 (R) Pin 6 (T) Pin 4 (R) Pin 5 (T) Pin 7 (R) Pin 8 (T) RJ45 B (DDC)* Pin 1 (R) Pin 2 (T) Pin 3 (R) Pin 6 (T) Pin 4 (R) Pin 5 (T) Pin 7 (R) Pin 8 (T)	
<i>*In the DDC cable, RJ45 pins 5 and 8 are unused and available for other services.</i>		
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	Two (2) years	
Order Information	500401 HDMI Econo Plus Extender Kit	

Ordering information

Part Numbers	Description	Packaging
AXA 332 110	IP67 cat 6 waterproof shielded RJ45 connector stainless 304 version	Unit
AXA 362 110	IP67 Cat 6 waterproof shielded RJ45 connector Zamac 5 version	Unit