

HDMI Extender Kit, HDBT, UHD-4K 500451, 500451-RX

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

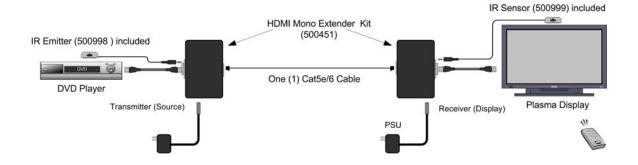
- Supports 3D feature of HDMI 1.4
- Up to 230 ft (70m) at all resolutions up to 1080p Deep Color via single Cat5e/6
- Up to 115 ft (35m) @ 4K resolution
- · Supports all digital audio modes
- Supports bi-directional IR remote control Includes IR Emitter and IR Sensor
- Locking screw for HDMI connector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

Specifications	
Environment	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
Devices	DVD, plasma, projectors, monitors, TV, PC, laptops, servers supporting HDMI
Transmission	Transparent to the user
Bandwidth	340 MHz
Standard	HDMI 1.3a
Connectors	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
	HDMI cables not included.
Max. Distance*	4480i/p: Cat 5e/6: 230 ft (70 m) 720p, 1080i: Cat 5e/6: 230 ft (70 m)
*Based on a maximum length of	1080p: Cat 5e/6: 230 ft (70 m)
6.6 ft (2m) of HDMI cable per end	1080p Deep Color: Cat 5e/6: 230 ft (70 m)
6.6 it (2111) of Fibrar cable per cha	4K (3840x 2160): Cat 5e/6: 115 ft (35 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. Also, cross-connection reduces the effective distance depending on
	the grade of twisted cable used. Patch panels are not recommended with 1080p
RJ45 Pin Configuration	Deep Color. RJ45 Pair 3 Pair 1 Pair 2 Pair 4 Pair 2 Pair 1 Pair 3 Pair 4
Reverse Polarity Sensitive	Pin 1 (R) Pin 2 (T)
Use EIA/TIA 568 A or B.	Pin 3 (R) Pin 6 (T)
straight-through wiring.	Pin 4 (R) Pin 5 (T)
	Pin 7 (R) Pin 8 (T)
	EIA568A EIA568B
Cable	One (1) Category 5e or better twisted pair cables required.
Power Supply	Two (2) 110-240V/5VDC power supply with interchangeable blades included
Power Consumption	Transmitter: 1.6W Receiver: 3.2W
Temperature	Operating: 0° to 40° C. Storage:-20° to 85° C. Humidity: up to 95% non-condensing.
Enclosure	Metal
Dimensions	4.40" x 3.00" x 1.00" (11.2 x 7.6 x 2.5 cm)
Weight	1.4 lb (.6 kg)
Compliance	Regulatory: FCC Class A, CE, RoHS
Warranty	2 years
Order Information	500451HDMI Extender Kit (incl;Tx, Rx, IR-Emitter, IR Sensor, 2x PSU) 500451-RX HDMI Receiver (for use with 500476)
	DUU4DI-RA IIDINI Receiver (for use with DUU476)

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Typical Application





rear panels

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HDMI Extender Kit

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