

Overview:

The HDMI / Bi-IR Extender Kit allows HDMI equipment to be connected over Cat5e /6 unshielded twisted pair cables in a point-to-point configuration. The kit comes with one (1) Transmitter and one (1) Receiver as well as an IR Emitter and IR Sensor for remote control applications. Four (4) mounting Ears are also provided for wall-mount applications.

Features:

- 40m (130 ft) at 1080p over Cat 5e/6
- 70m (230ft) at 1080i/720p over Cat6
- 50m (164ft) at 1080i/720p over Cat5e

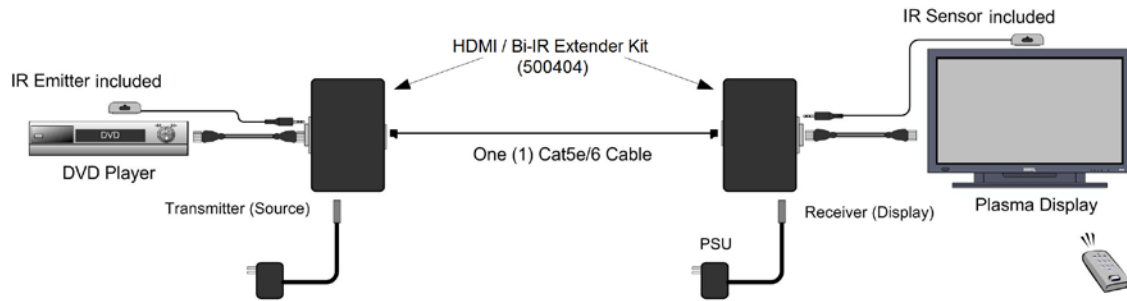
Applications:

Commercial and residential audio systems, boardroom systems, collaborative PC systems, and medical information systems.

Environment	HDMI 1.3a (Supports the 3D feature of HDMI 1.4)
Devices	DVD, plasma, projectors, monitors, TV, PC, laptops, servers supporting HDMI.
Transmission	Transparent to the user
Bandwidth	225 MHz
Signals	HDMI 1.3a protocol
Connectors	One (1) HDMI receptacle. One (1) RJ45S for Cat 5e/6 unshielded or shielded twisted pair. Two (2) 3.5mm jacks for IR emitter and sensor <i>Note: HDMI cables not included.</i>
Maximum Distance <i>Based on a maximum length of 6.6 ft (2 m) of HDMI cable per end.</i>	40m (130 ft) at 1080p over Cat 5e/6 70m (230ft) at 1080i/720p over Cat6 50m (164ft) at 1080i/720p over Cat5e <i>Note: When installed in an electrically noisy environment, an STP cable must be used. Also, cross-connection reduces the effective distance depending on the grade of twisted cable used.</i>
RJ45 Pin Configuration <i>Reverse Polarity Sensitive. Use EIA/TIA 568A or 568B straight-through wiring.</i>	RJ45 Link Pin 1 (R) Pin 2 (T) Pin 3 (R) Pin 6 (T) Pin 4 (R) Pin 5 (T) Pin 7 (R) Pin 8 (T)
Cable	One (1) Cat 5e/6 or better twisted pair cables required
Power Supply	Two (2) 110-240V/12VDC power supplies with interchangeable blades; US, UK & Euro
Power Consumption	Transmitter: 5 Watt Receiver: 5 Watt
Temperature	Operating: 0° to 35°C Storage: -20° to 70°C Humidity: Up to 95% non-condensing
Enclosure	Metal black
Wall-Mount Bracket	Four (4) Wall-Mount Brackets and screws included
Dimensions	5.00" x 2.12" x 0.67" (127 x 54 x 17 mm)
Weight	1.4 lb (0.6 kg)
Compliance	Regulatory: FCC, CE, RoHS
Warranty	2 years
Order Information	500404 HDMI / Bi-IR Extender Kit (UPC: 627699004043)

HDMI / Bi-IR Extender Kit 500404

Typical Application:



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