

Overview:

The HDMI Extender Pair, HD (100504) allows an HDMI video signal to be transported up to 164ft (50m) over Cat 5e/6 UTP cable. This extender pair supports video resolutions up to 1920 X 1080p60 and VGA-UXGA. It is HDCP compliant and supports an HDMI Loop-out on the Transmitter and Digital Audio extract on the Receiver. The product includes one Transmitter and Receiver, two Power Supplies, two Emitters, and two Sensors.

Applications:

Commercial and residential AV systems Classroom training systems Digital signage Boardroom systems Medical video systems



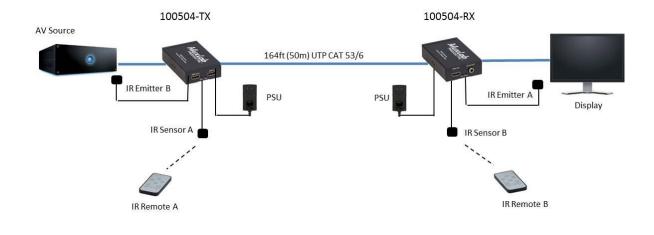
Key Features:

- Support HDMI 1.4 (3D), up to 1080p @ 60Hz and VGA-UXGA
- Support 3D and ARC function
- HDCP compliant and DVI 1.0 standards
- Transport video at up to 164ft (50m)
- Support Dolby Digital Plus, Dolby TrueHD and DTS-HD Master Audio pass-through
- HDMI Loop-out on Transmitter
- Digital Audio extract on Receiver
- 2-way IR for remote control of end devices
- EDID management

| Environment | HDMI 1.4 (3D) |
|--|---|
| Devices | DVD/Blu-Ray, TVs, projectors, monitors, PC, laptops |
| Transmission | Transparent to the user |
| Frequency | Up to 165MHz |
| Signals | HDMI 1.4 protocol |
| Resolution | 480i to 1080p @ 50/60 FPS |
| | VGA to UXGA |
| Connectors | 2 HDMI Type A and 2 (two) 3.5mm jacks for the Transmitter |
| | 1 HDMI Type A and 2 (two) 3.5mm jacks for the Receiver |
| LEDs | 1 S/PDIF Female for the RX Power: Blue |
| LEDS | Link: Blue |
| Maximum Distance | Cat 5e/6: 164ft (50m) up to 1080p60 |
| | Note: When installed in an electrically noisy environment, an STP cable must be used. |
| Based on a maximum length | Also, cross-connection reduces the effective distance depending on the grade of |
| of 6.6 ft (2 m) of HDMI cable | twisted cable used. |
| per end. | |
| RJ 45 Pin Configuration Reverse Polarity Sensitive. | RJ45 Link Pin 1 (R) Pin 2 (T) |
| Use EIA/TIA | Pin (R) = Pin 2 (T) Pin 3 (R) Pin 6 (T) |
| 568A or 586B straight- | Pin 4 (R) Pin 5 (T) |
| through wiring. | Pin 7 (R) Pin 8 (T) |
| Audio | Dolby Digital Plus, Dolby TrueHD and DTS-HD Master Audio |
| HDCP | HDCP compliant |
| Cable | HDMI Cable |
| Temperature | Operating: 0° to 40°C Storage: -20° to 60°C |
| - | Humidity: up to 90% non-condensing |
| Power Consumption | Transmitter: 3.2W Receiver: 2.2W |
| Power adapter | 5 V / 1 A DC |
| Enclosure | Metal enclosure |
| Dimensions | 65mm x 118mm x 26mm |
| Weight | 410g (TX+RX) |
| Compliance | Regulatory: FCC, CE, RoHS |
| Warranty | 1 year |
| Order Information | 100504 HDMI Extender Pair, HD (UPC: 627699505045) |



Typical Application





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