

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



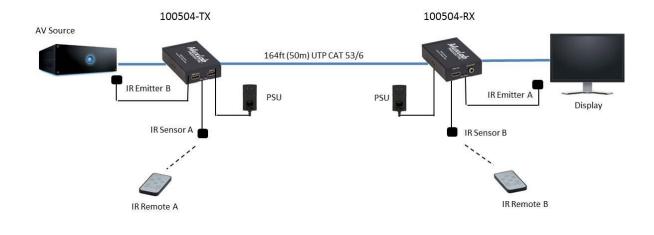
Key Features:

- 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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