

DIGI-HDMI-IR-R HDMI over Twisted Pair Receiver Technical Specifications



Designed for use with Intelix HDMI twisted pair matrices, the Intelix DIGI-HDMI-IR-R transmits a high-definition HDMI signal and an IR signal up to 150 feet over two inexpensive twisted pair cables, such as Cat 5e or Cat 6. The DIGI-HDMI-IR-R supports 1080p high-definition video and is HDCP compliant. Each DIGI-HDMI-IR-R includes one receive unit, one power supply, one IR emitter, one IR receiver, and one mounting bracket. Power and

status LEDs provide visual diagnostics.

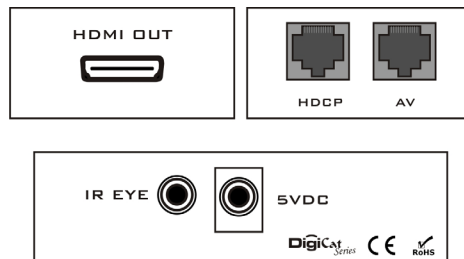
The DIGI-HDMI-IR-R features electrostatic discharge (ESD) protection circuitry which safeguards the HDMI circuit against static electricity and other destructive stray voltage.

The Intelix **DigiCat** Series of baluns is the ideal solution for sending digital, high-performance signals over structured cabling. **When signal quality matters, choose Intelix.**

Features

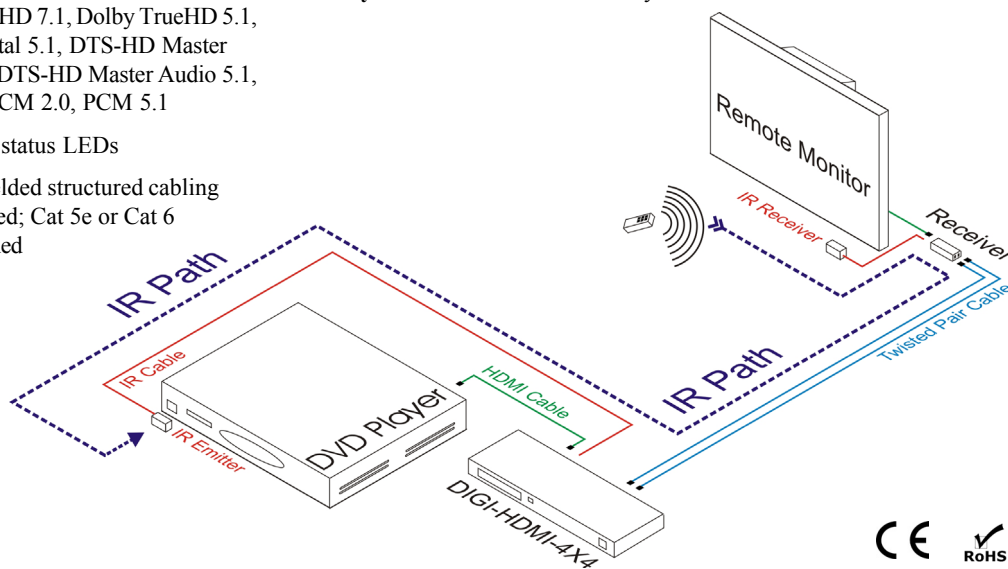
- 1080i and IR up to 150 feet
- 1080p and IR up to 100 feet
- HDCP compliant
- Power on the receive end

Line Drawings



Specifications

Maximum Distance*	480i, 480p, 576i, 576p, 720p, 1080i: 150' 1080p: 100'	Supported IR Carrier Freq.	36-40 KHz
Supported Video Resolutions	480i, 480p, 720p, 1080i, 1080p 8, 10, 12 bits per channel	Temperature	Operating: 32 to 131 F (0 to 55 C) Storage: -4 to 185 F (-20 to 85 C) Humidity: up to 95%
Input DDC Signal	5.0 volts p-p (TTL)	Dimensions	3.25" x 1.75" x 0.88"
Input Video Signal	1.2 volts p-p	Enclosure	Metal
Video Amplifier Bandwidth	1.65 Gbps	Shipping Weight	1.0 lbs
Connectors	Two (2) RJ45s to one (1) type A HDMI connector One (1) 1/8" mini (3.5 mm) female IR connector	Ordering Information	<i>DIGI-HDMI-IR-R</i> : includes one receive balun, one power supply, one mounting bracket, one IR receiver, and one IR emitter
Power Connector	Side mounted connector	Compliance	CE, RoHS
Output Video	HDMI 1.2/HDMI 1.3	Power Supply	External 5 VDC
Supported Audio	Dolby TrueHD 7.1, Dolby TrueHD 5.1, Dolby Digital 5.1, DTS-HD Master Audio 7.1, DTS-HD Master Audio 5.1, DTS 5.1, PCM 2.0, PCM 5.1	Warranty	Two years
Diagnostic Indicators	Power and status LEDs		
Cabling	Two unshielded structured cabling runs required; Cat 5e or Cat 6 recommended		
ESD Protection	Yes		



* Distances may be affected by cable grade, cable quality, source and destination equipment, RF and electrical interference, and cable patches. Intelix specifications are based on straight-through cabling.