

DIGI-HDMI-UHR HDMI over Twisted Pair Balun

Technical Specifications



The Intelix DIGI-HDMI-UHR transmits a high-definition HDMI signal up to 150 feet over two inexpensive twisted pair cables, such as Cat 5e or Cat 6. The DIGI-HDMI-UHR supports 480i, 480p, 720p, 1080i, and 1080p high-definition video and is HDCP compliant. Each DIGI-HDMI-UHR includes one send unit, one receive unit, one power supply, and two mounting brackets. The system is powered on either the send or the receive end. Power and status LEDs provide visual diagnostics.

The DIGI-HDMI-UHR 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 up to 150 feet
- 1080p up to 100 feet
- HDCP compliant
- Power on either the send or receive end

Line Drawings



Specifications

Maximum Distance*	480i, 480p, 720p, 1080i: 150 feet 1080p: 100 feet	Cabling	Two unshielded structured cabling runs required; Cat 5e or Cat 6 recommended
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
Send Unit Connectors	One (1) type A HDMI connector to two (2) RJ45s	Ordering Information	<i>DIGI-HDMI-UHR</i> : includes one send balun, one receive balun, two mounting brackets, and one power supply
Receive Unit Connectors	Two (2) RJ45s to one (1) type A HDMI connector	Compliance	CE, RoHS
Power Connector	Powered on either the send or receive end; side mounted connector	Power Supply	External 5 VDC
Output Video	HDMI 1.2/HDMI 1.3	Warranty	Two years
Diagnostic Indicators	Power and status LEDs		
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.

