

# DIGI-HDMI-HR HDMI over Twisted Pair Balun

# Technical Specifications



The Intelix DIGI-HDMI-HR 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-HR supports 1080i high-definition video and is HDCP compliant. Each DIGI-HDMI-HR 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.

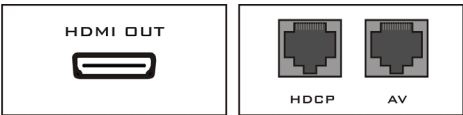
The DIGI-HDMI-HR features electrostatic discharge (ESD) protection circuitry which safeguards the HDMI circuit against static electricity and other destructive stray voltage.

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

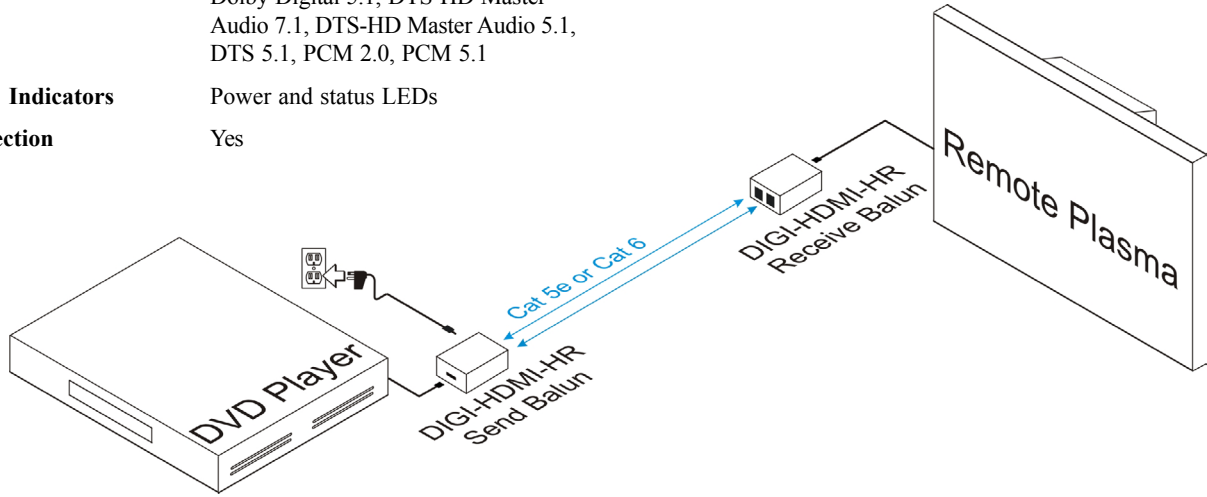
- 1080i up to 150 feet
- HDCP compliant
- Diagnostic LEDs
- Power on either the send or receive end

## Line Drawings



# Specifications

<p><b>Maximum Distance*</b> 150 feet</p> <p><b>Supported Video Resolutions</b> 480i, 480p, 576i, 576p, 720p, 1080i</p> <p><b>Input DDC Signal</b> 5.0 volts p-p (TTL)</p> <p><b>Input Video Signal</b> 1.2 volts p-p</p> <p><b>Video Amplifier Bandwidth</b> 1.65 Gbps</p> <p><b>Send Unit Connectors</b> One (1) type A HDMI connector to two (2) RJ45s</p> <p><b>Receive Unit Connectors</b> Two (2) RJ45s to one (1) type A HDMI connector</p> <p><b>Power Connector</b> Powered on either the send or receive end; side mounted connector</p> <p><b>Output Video</b> HDMI 1.2/HDMI 1.3</p> <p><b>Supported Audio</b> 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</p> <p><b>Diagnostic Indicators</b> Power and status LEDs</p> <p><b>ESD Protection</b> Yes</p>	<p><b>Cabling</b> Two unshielded structured cabling runs required; Cat 5e or Cat 6 recommended</p> <p><b>Temperature</b> Operating: 32 to 131 F (0 to 55 C) Storage: -4 to 185 F (-20 to 85 C) Humidity: up to 95%</p> <p><b>Dimensions</b> 3.25" x 1.75" x 0.88"</p> <p><b>Enclosure</b> Metal</p> <p><b>Shipping Weight</b> 1.0 lbs</p> <p><b>Ordering Information</b> <i>DIGI-HDMI-HR</i>: includes one send balun, one receive balun, two mounting brackets, and one power supply</p> <p><b>Compliance</b> CE, RoHS</p> <p><b>Power Supply</b> External 5 VDC</p> <p><b>Warranty</b> Two years</p>	
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\* 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.