

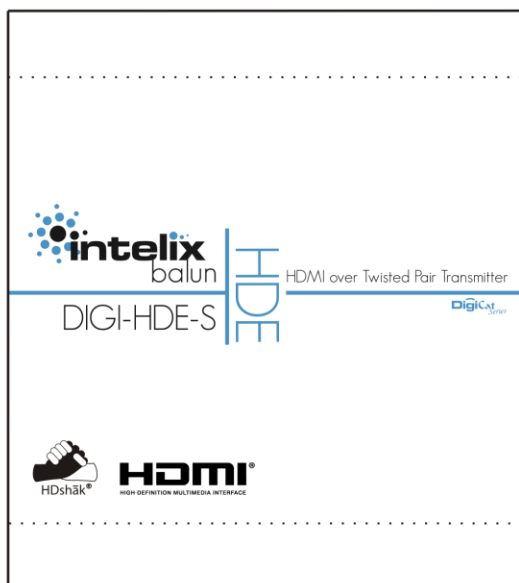
DIGI-HDE Technical Specification

HDMI, IR, RS232, and Ethernet over Twisted Pair Extender

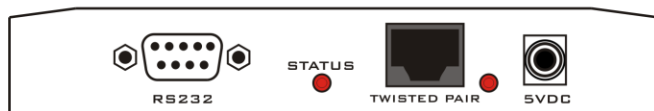
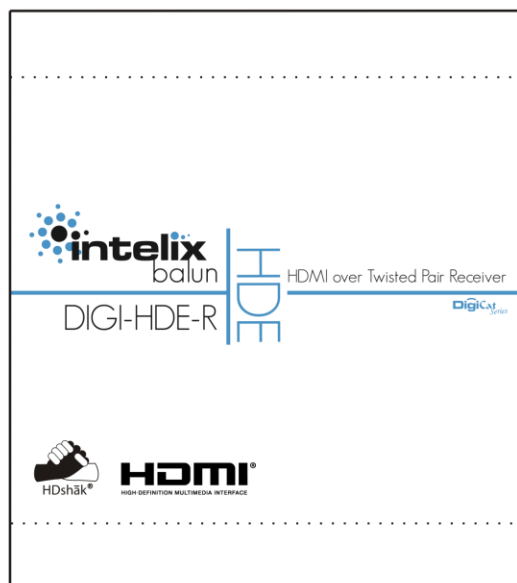
The Intelix DIGI-HDE extends HDMI, Ethernet, bi-directional IR and bi-directional RS232 over a single twisted pair cable. The DIGI-HDE supports 1080p, 2k, 4k, and 3D video up to 100m.

Built-in surge protection and diagnostic LEDs ensure hassle-free and robust installations. The DIGI-HDE incorporates HDBaseT technology.

Transmitter



Receiver



Technical Specifications	
Maximum Distance	100m (328')
Supported Video Resolutions	SMPTE: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 2k, 4k VESA: 640x350, 640x400, 640x480, 720x400, 800x600, 832x624, 848x480, 852x480, 1024x576, 1024x768, 1152x864, 1152x870, 1280x720, 1280x768, 1280x800, 1280x960, 1280x1024, 1360x768, 1365x1024, 1400x1050, 1440x788, 1440x960, 1600x1024, 1600x1200, 1680x1050, 1792x1344, 1856x1392, 1920x1200, 1920x1440, 2048x1080, 3840x2160, 4096x2160
Supported Video Refresh Rates	24, 30, 42, 50, 56, 60, 65, 67, 72, 75, 85, 96Hz
Supported Color Depth	24, 30, 36, 48bit
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, PCM 7.1
Supported 3D Formats	Field Alternative (interlaced), Frame Packing, Line Alternative Full, Side-By-Side Half, Side-By-Side Full, 2D + Depth, 2D + Depth + Graphics + Depth,
HDCP Compliant	Yes
ARC (Audio Return Channel)	No
HEC (HDMI Ethernet Channel)	No
Ethernet Tunnel Speed	100BaseT
Input DDC Signal	5.0 volts p-p (TTL)
Input Video Signal	0.5 to 1.0 volts p-p
Supported IR Carrier Frequency	33 – 55 kHz
RS232 Connection	Straight-through Bidirectional
Receiver Connectors	One (1) HDMI output (HDMI F) One (1) Ethernet (Shielded RJ45 Jack) One (1) IR output (3.5mm TS Jack [1/8" mono]) One (1) IR input (3.5mm TRS Jack [1/8" stereo]) One (1) RS232 (DB9-M) One (1) twisted pair input (Shielded RJ45 Jack)
Transmitter Connectors	One (1) HDMI input One (1) Ethernet (Shielded RJ45 Jack) One (1) IR output (3.5mm TS Jack [1/8" mono]) One (1) IR input (3.5mm TRS Jack [1/8" stereo]) One (1) RS232 (DB9-F) One (1) twisted pair output (Shielded RJ45 Jack)
Enclosure	Painted Steel
Maximum Power Consumption	4 watts (S), 7 watts (R)
Power Supply	5vDC / 2A
Operating Temperature	80°C (S), 86°C (R)
Dimensions	123mm x 106mm x 23mm
Regulatory	CE, RoHS
Shipping Weight	1 lbs.
ESD Protection	16kV
Diagnostic Indicators	Status and power LEDs
Warranty	2 years
Includes	DIGI-HDE-S, DIGI-HDE-R, (2) Power Supplies, IR Eye, IR Emitter, (4) Mounting Brackets