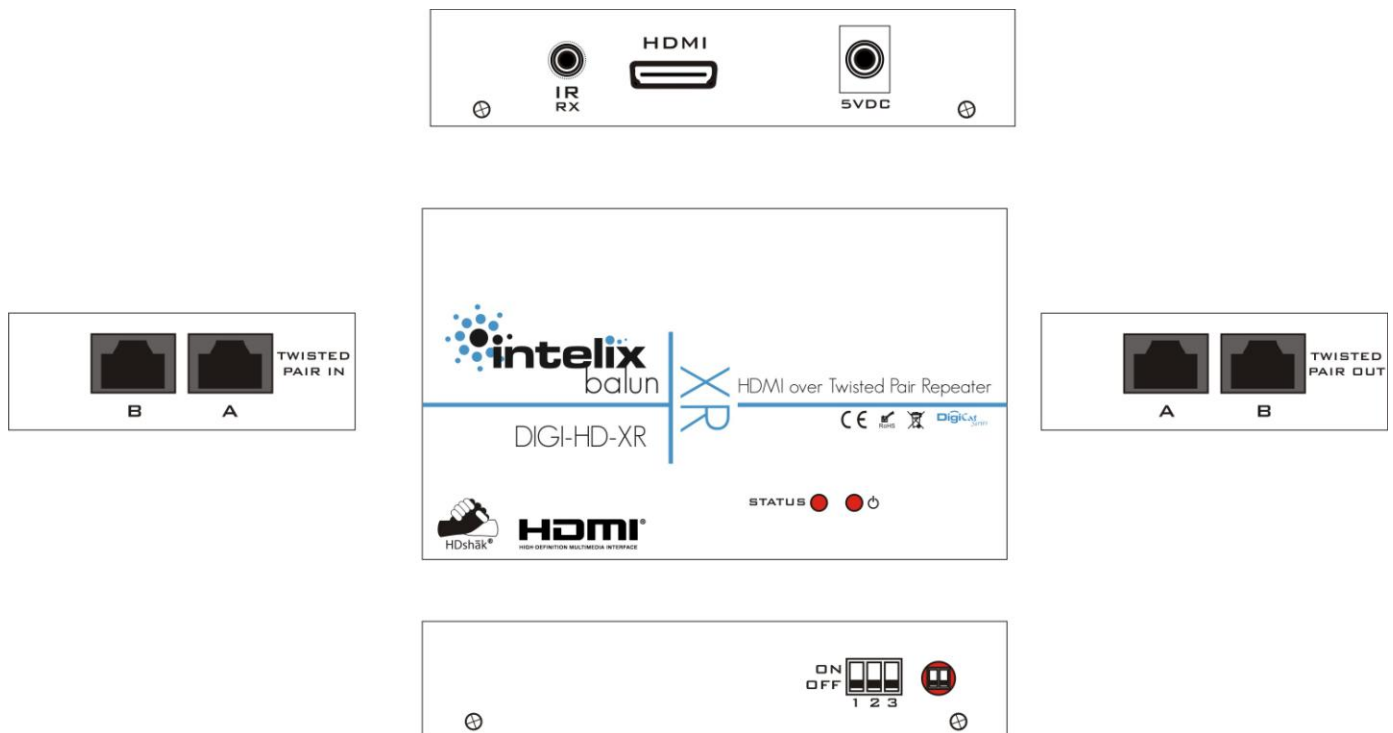


DIGI-HD-XR Technical Specification

HDMI over Twisted Pair Repeater and Receiver

The Intelix DIGI-HD-XR extends HDMI and IR over twisted pair cabling distances by serving as an inline repeater. Each inline unit provides the maximum Intelix twisted pair cabling distance—up to 300' depending on resolution and cable grade—and five units may be connected per run. The DIGI-HD-XR features a local HDMI output and a local IR input, providing audio and video to a connected display and an IR connection point for remote source control. The unit is compatible with Intelix DIGI-HD-UHR2, DIGI-HD-IR2, and DIGI-HD-IR3 HDMI over twisted pair extenders.

Extremely versatile, the DIGI-HD-XR also doubles as a receiver for Intelix HDMI twisted pair matrices, such as the DIGI-HD-8X8, DIGI-HD-4X4, and DIGI-HD-4X2. It can be used in place of the DIGI-HD-IR2-R and DIGI-HD-UHR2-R.



Technical Specifications	
Maximum Distance per Linked Unit (Cat 5e)	1080p: 100' 1080i/720p: 200' 480i/480p/576i/576p: 200'
Maximum Distance per Linked Unit (Shielded Cat6)	1080p: 150' 1080i/720p: 300' 480i/480p/576i/576p: 300'
Maximum Linked Units	5
Supported Video Resolutions	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
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
3D Support	Side by side half frame Top and bottom half frame
Video Amplifier Bandwidth	1.65 Gbps
Output Video	HDMI 1.3 with HDCP
Compliance	HDMI 1.3b
Input DDC Signal	5.0 volts p-p (TTL)
Input Video Signal	0.5 to 1.0 volts p-p
Supported IR Carrier Frequency	36 – 40 kHz
IR Wavelength	940 nm IR
IR Frequency	38 kHz
Cabling	HDMI: One Cat5e UTP cable HDMI & IR: Two Cat5e UTP cables
Connectors	Two (2) Shielded RJ45 inputs Two (2) Shielded RJ45 outputs One (1) IR input One (1) HDMI output
Enclosure	Painted Steel
Maximum Power Consumption	5 watts
Dimensions	110mm x 66mm x 23mm
Power Supply	5 VDC / 1A
Operating Temperature	38 ° C
Regulatory	CE, RoHS
Shipping Weight	1 lbs.
ESD Protection	16kV
Diagnostic Indicators	Status and power LEDs
Warranty	2 years
Includes	DIGI-HD-XR, Power Supply, IR eye, Mounting Brackets (2)