

DIGI-HD-IR3-WP-S Technical Specification

HDMI over Twisted Pair Wallplate Transmitter

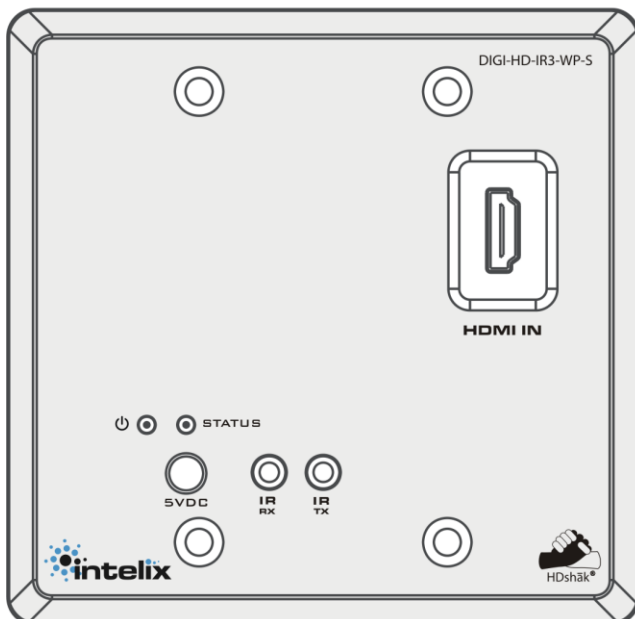
Based on the Intelix's award-winning DIGI-HD-IR2, the **DIGI-HD-IR3-WP-S** is a professional-grade wallplate extender which transmits HDMI and bi-directional, wideband IR up to 300 feet over two twisted pair cables.

Ideal for residential AV, commercial AV, and digital signage applications, the **DIGI-HD-IR3-WP-S** transmits 1080p video up to 150 feet, 720p and 1080i video up to 300 feet, and 480i and 480p video up to 300 feet. Built-in buffering and amplification allow multiple units to be linked for greater distances, and ESD protection safeguards connected equipment from power strikes and surges.

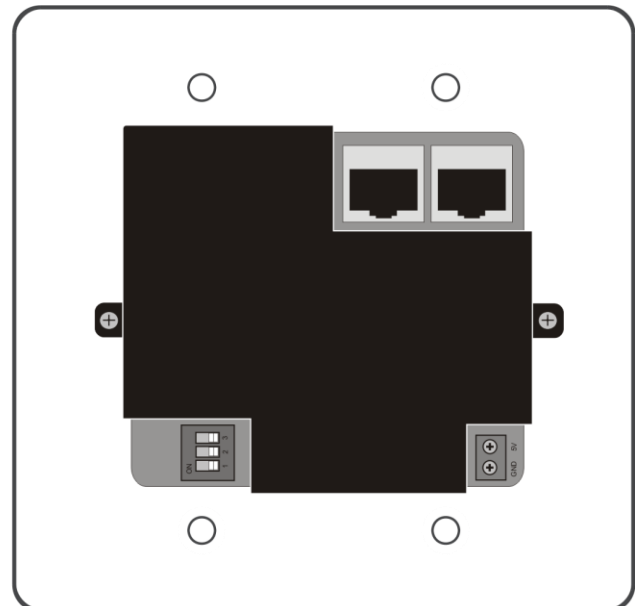
The **DIGI-HD-IR3-WP-S** employs Intelix trademarked HDshāk processing, which delivers the highest level of EDID and DDC negotiation, ensuring proper source and destination HDCP handshaking even over extended distances of twisted pair cabling. Features include dynamic EDID transfer, built-in EDID tables, customizable EDID storing, and bandwidth limiting.

The **DIGI-HD-IR3-WP-S** includes a transmitter, IR-Eye, IR-Emitter, and a power supply. The unit may be powered from the front via a DIN connector, or on the rear with a screw down connector.

DIGI-HD-IR3-WP-S (Front)



DIGI-HD-IR3-WP-S (Rear)



Technical Specifications	
Compatible Receivers	DIGI-HD-IR3-WP-R, DIGI-HD-IR3-R, DIGI-HD-XR, *DIGI-HD-IR2-R *when paired with 2-series, bi-directional IR is not supported; only source-to-display
Maximum Distance per Linked Unit (Cat 5e)	1080p: 100 feet 1080i/720p: 200 feet 480i/480p/576i/576p: 200 feet
Maximum Distance per Linked Unit (Shielded Cat 6a)	1080p: 150 feet 1080i/720p: 300 feet 480i/480p/576i/576p: 300 feet
Supported Video Resolutions	HDTV: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p VESA Resolutions: Up to 1920x1200
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 Range	33-55kHz
Cabling	Minimum of Cat 5e
Connectors	Two (2) twisted pair output (Shielded RJ45) One (1) HDMI input (HDMI F) One (1) IR Input (3.5mm TRS) One (1) IR Output (3.5mm TS) One (1) rear power input (screw terminal) One (1) front power input (5.5mm O.D. DIN connector)
Enclosure	Plate = Brushed aluminum Back Cover = Painted steel
Maximum Power Consumption	5 watts
Dimensions	Double-gang wall plate 116mm (w) x 114mm (h) x 25mm (d) Wall plate thickness = 8mm
Power	5 VDC
Operating Temperature	86°F
Regulatory	CE, RoHS
Shipping Weight	1 lbs.
ESD Protection	Yes
Diagnostic Indicators	Status and power LEDs
Warranty	2 years