

DIGI-HD-1X4 Technical Specification

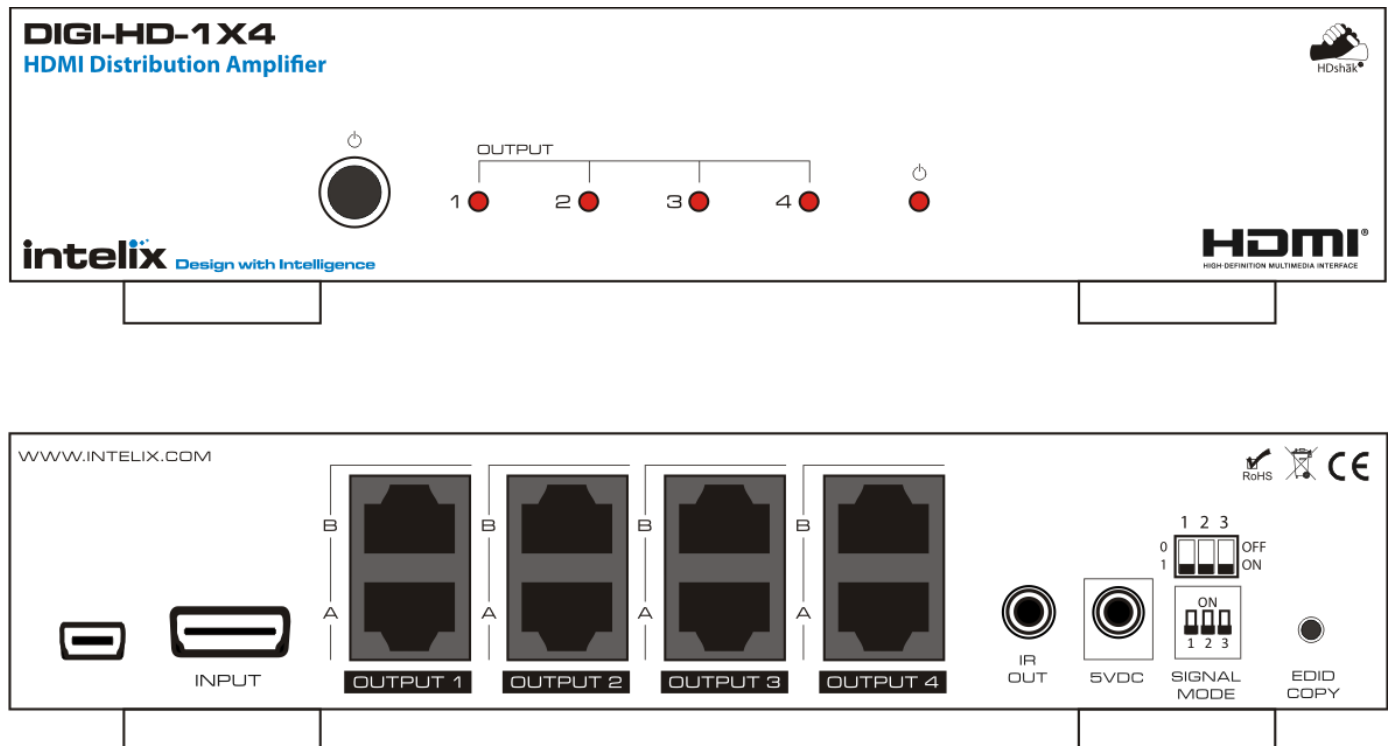
1x8 HDMI over Twisted Pair Distribution Amplifier

The Intelix DIGI-HD-1X4 seamlessly distributes one HDMI input to four twisted pair outputs. Built-in twisted pair extenders provide cabling distances up to 300 feet when used with compatible Intelix twisted pair receivers, such as the DIGI-HD-UHR2-R, DIGI-HD-IR2-R, and DIGI-HD-XR.

When distributing HDMI audio and video over twisted pair cabling, the DIGI-HD-1X4 requires a single Cat 5e or Cat 6 cable.

When distributing HDMI audio and video *and* IR over twisted pair cabling, the DIGI-HD-1X4 requires two Cat 5e or Cat 6 cables. IR is transmitted from the display location, through the compatible Intelix twisted pair receiver, over the twisted pair cable, and out of the *IR OUT* port on the DIGI-HD-1X4 to the source equipment.

The DIGI-HD-1X4 supports 3D, is HDCP compliant, and features proprietary Intelix HDshāk processing, including bandwidth limiting and custom EDID configuration and emulation.



Technical Specifications	
Compatible Receivers	DIGI-HD-UHR2-WP-R, DIGI-HD-UHR2-R, DIGI-HD-XR, DIGI-HD-IR2-R, DIGI-HD-IR3-WP-R
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
Compliance	HDCP
Supported IR Carrier Frequency	33 – 55 kHz
Required Cabling	HDMI: one twisted pair with DIGI-HD-UHR2-R, DIGI-HD-UHR2-WP-R HDMI & IR: two twisted pair with DIGI-HD-IR2-R, DIGI-HD-IR3-WP-R Minimum of Cat 5e
Connectors	Four (4) twisted pair outputs (Shielded RJ45) One (1) HDMI input (HDMI F) One (1) IR output (3.5mm TS jack)
Enclosure	Painted Steel
Dimensions	200 mm (w) x 42 mm (h) x 113 mm (d)
Power Supply	5vDC 3A
Power Consumption	8w
Regulatory	CE, RoHS
Shipping Weight	2.5 lbs.
Diagnostic Indicators	Status and power LEDs
ESD Protection	Yes
Warranty	2 years
Includes	DIGI-HD-1X4, Power Supply, [1] IR Emitter, [4] screw-on feet