

## DIGI-HD-1X8 Technical Specification

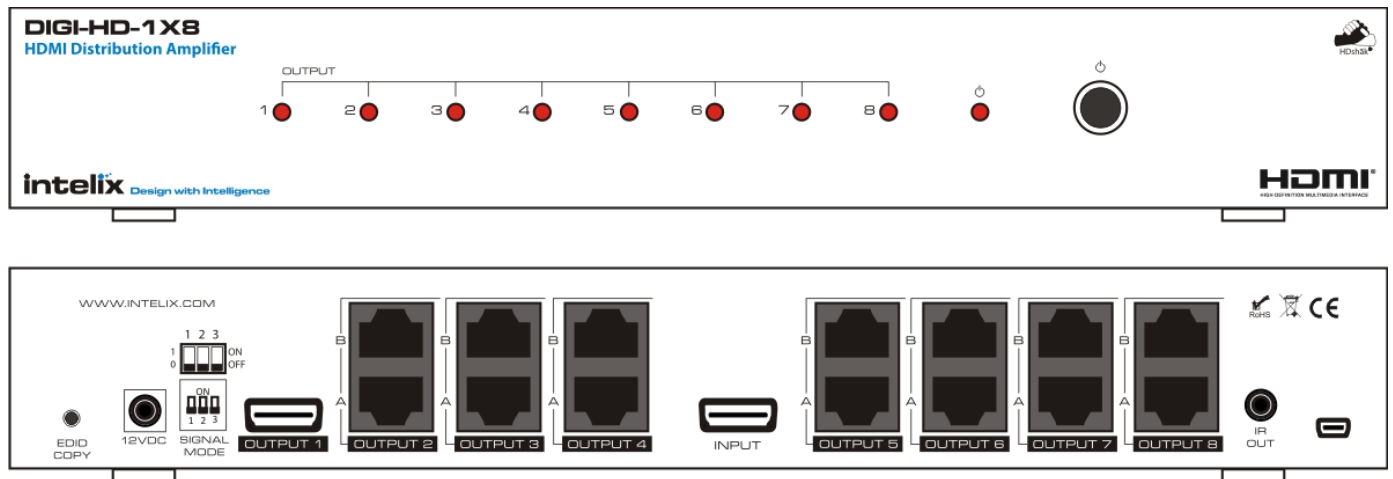
### 1x8 HDMI over Twisted Pair Distribution Amplifier

The Intelix DIGI-HD-1X8 seamlessly distributes one HDMI input to eight HDMI 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, DIGI-HD-IR2, and DIGI-HD-XR.

When distributing HDMI audio and video over twisted pair cabling, the DIGI-HD-1X8 requires a single Cat 5e or Cat 6 cable.

When distributing HDMI audio and video *and* IR over twisted pair cabling, the DIGI-HD-1X8 requires two Cat 5e or Cat 6 cables. IR is transmitted from the remote destination, through the compatible Intelix twisted pair receiver, over the twisted pair cable, and out of the *IR OUT* port on the DIGI-HD-1X8 to the source equipment.

The DIGI-HD-1X8 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
Maximum Linked Units	5
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
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
IR Frequency	38 kHz
Cabling	HDMI: one twisted pair HDMI & IR: two twisted pair Minimum of Cat 5e
Connectors	Seven (7) twisted pair outputs (Shielded RJ45) One (1) HDMI input (HDMI F) One (1) HDMI output (HDMI F) One (1) IR output (3.5mm TS jack)
Enclosure	Painted Steel
Dimensions	285mm (w) x 42mm (h) x 154 mm (d)
Power Supply	12vDC 3A
Power Consumption	10w
Regulatory	CE, RoHS
Shipping Weight	4 lbs.
Diagnostic Indicators	Status and power LEDs
ESD Protection	Yes
Warranty	2 years
Includes	DIGI-HD-1X8, Power Supply, [1] IR Emitter, [4] screw-on feet