

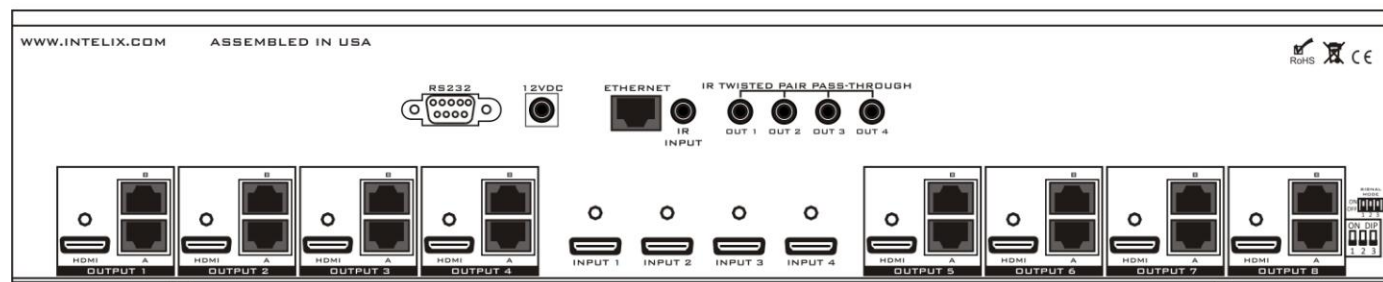
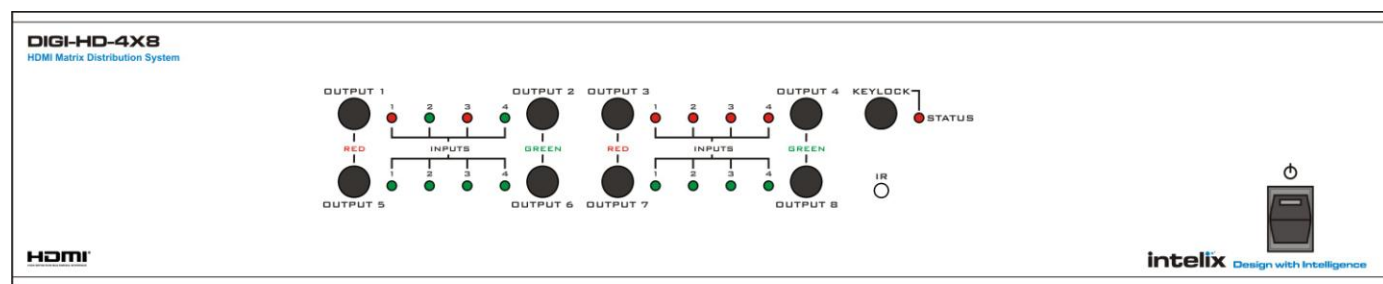
## DIGI-HD-4X8 Technical Specification

### 4x8 HDMI Twisted Pair Matrix

A true matrix switcher, the DIGI-HD-4X8 features four HDMI inputs, eight HDMI outputs *and* eight twisted pair extender outputs—and both HDMI and twisted pair outputs are live simultaneously. When used in conjunction with a compatible Intelix twisted pair receiver, the matrix extends output signals up to 300 feet over a single twisted pair cable. Trademarked HDshāk processing provides local remote display EDID storing and enhanced bandwidth limiting, thereby allowing the installer to optionally disable high-bandwidth HDMI elements—such as deep color, 3D and HD audio—to guarantee performance when using low-grade cables.

The matrix supports 1080i and 1080p high-definition video and is HDCP compliant. All operations are controlled via a diagnostic front panel interface or remotely via RS232, IR, or Ethernet. The system also ships with a wireless remote control and includes rack ears to install in a 19" rack.

In addition, the DIGI-HD-4X8 also features four pass-through IR channels which distribute remote IR commands from in-room controllers over the twisted pair cable and out of the matrix, thereby allowing complete control of sources from the remote destination. The IR channels follow the matrix switching.



Technical Specifications	
<b>Vertical Frequency Response</b>	24 – 60 Hz
<b>Output Video</b>	HDMI 1.2/HDMI 1.3
<b>Signaling Rate</b>	2.25 gigabits per second
<b>Input DDC Signal</b>	5.0 volts p-p (TTL)
<b>Input Video Signal</b>	0.5 to 1.0 volts p-p
<b>Video Amplifier Bandwidth</b>	255 mHz
<b>Input Connectors</b>	Four (4) HDMI type A connectors
<b>Output Connectors</b>	Eight (8) HDMI type A connectors and eight (8) dual twisted pair connectors
<b>Supported Video Resolutions</b>	480i, 480p, 576i, 576p, 720p, 1080i, 1080p 8 bits per channel
<b>Operating Temperature Range</b>	-41 to 95 degrees F -5 to 35 degrees C
<b>Operating Humidity Range</b>	5 to 90% non-condensing
<b>Control</b>	Front panel, RS232, IR, Ethernet, wireless remote
<b>Rack-mounting</b>	2 RU
<b>Supported Audio</b>	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
<b>Enclosure</b>	Black metal
<b>Dimensions</b>	17.25" x 8.375" x 3.5"
<b>Supported IR Carrier Frequency</b>	33 – 60 kHz
<b>IR Input Frequency</b>	38 kHz (+/- 2kHz)
<b>Max Power Consumption</b>	48 watts
<b>Power</b>	12 VDC, 5A
<b>Regulatory</b>	CE, RoHS
<b>Compliance</b>	HDMI 1.3b, HDCP
<b>Shipping Weight</b>	7.1 lbs.
<b>Intelix Part Number</b>	DIGI-HD-4X8
<b>Included Accessories</b>	(2) rack ears, (1) power supply, (1) wireless remote control, (4) shelf feet, (1) IR receiver, (4) IR emitters
<b>Compatible Twisted Pair Receivers</b>	DIGI-HD-UHR2-R DIGI-HD-IR2-R DIGI-HD-XR DIGI-HD-UHR2-WP-R DIGI-HD-IR3-WP-R (*3series receivers will only support one-way IR – sink to source)
<b>Warranty</b>	2 years

### Features

4x8 HDMI twisted pair matrix

4 HDMI inputs

8 HDMI outputs

8 twisted pair outputs

Compatible with single and dual twisted pair receivers

HDMI extension up to 300 feet over twisted pair cable

Front panel, Ethernet, IR and RS232 control

Rack-mountable

Built-in IR switching

3D compatible

HDshāk processing

Wideband IR support

HDCP compliant