

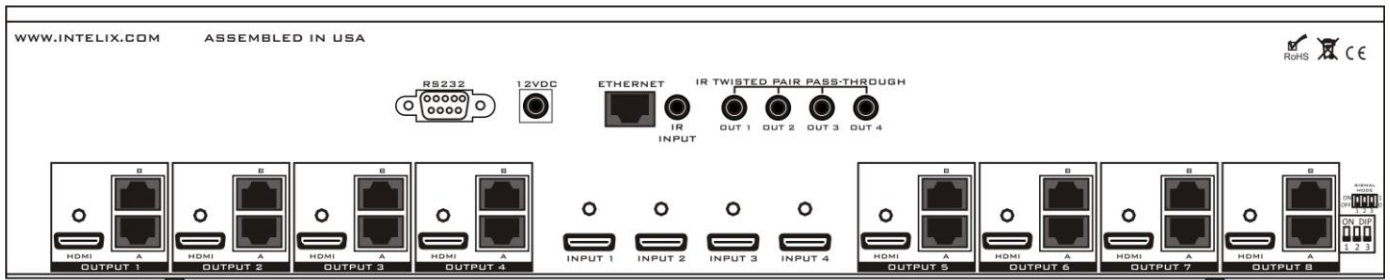
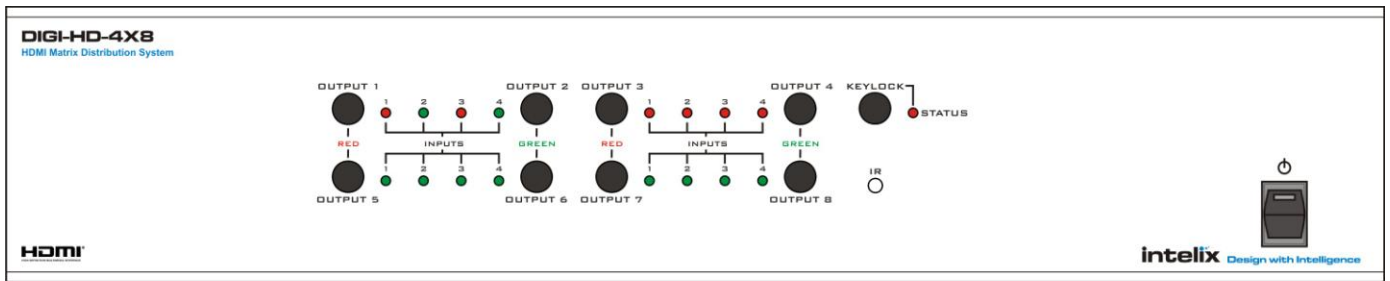
DIGI-HD-4X8 Technical Specification

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