

Why settle for mediocrity? The Intelix DIGI-HD-4X2 combines a professional-grade HDMI matrix with Intelix's industry-leading extenders. A true matrix switcher, the DIGI-HD-4X2 features four HDMI inputs, two HDMI outputs *and* two 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 remote 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 a 19" rack-mount kit.

In addition, the DIGI-HD-4X2 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 remote sources from the destination. The IR channels follow the matrix switching.

Design with Intelix and Design with Intelligence.



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	Two (2) HDMI type A connectors and two (2) dual twisted pair connectors
Supported Video Resolutions	480i, 480p, 576i, 576p, 720p, 1080i, 1080p 8, 10, 12 bits per channel
Operating Temperature Range	-41 to 95 degrees F -5 to 35 degrees C
Operating Humidity Range Control	5 to 90% non-condensing Front panel, RS232, IR, Ethernet, wireless remote

Dimensions	17.375" x 8.375" x 1.625"
Rack-mounting	1 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
Max Power Consumption	11 watts
Power	12 VDC
Regulatory	CE, RoHS
Compliance	HDMI 1.3b, HDCP
Shipping Weight	7.1 lbs.
Intelix Part Number	DIGI-HD-4X2
Included Accessories	(2) 19" rack ears, (1) power supply, (1) wireless remote control, (4) shelf feet, (1) IR receiver
Compatible Twisted Pair Receivers	DIGI-HD-UHR2-R DIGI-HD-IR2-R
Warranty	2 years

