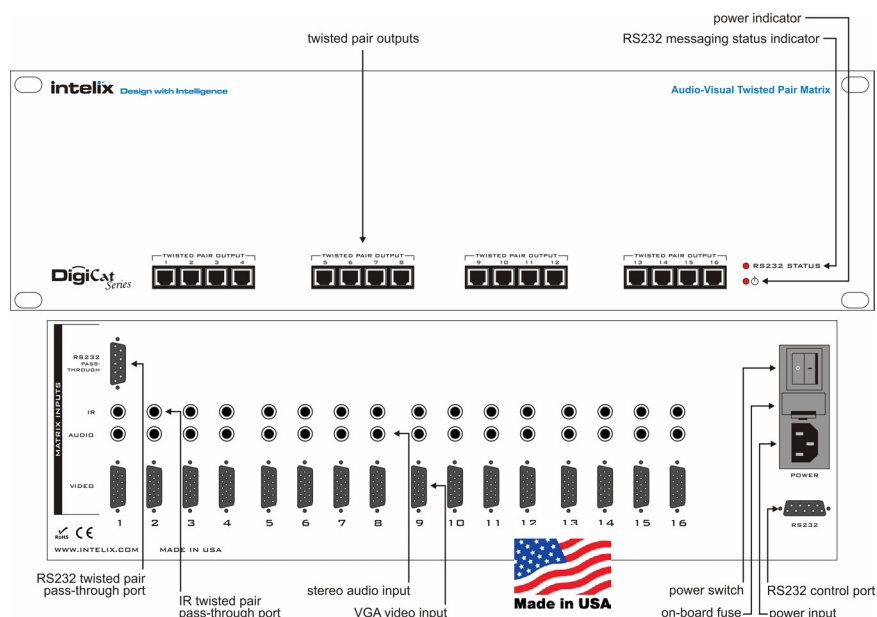Tired of sifting through spec sheets and wiring multiple diverse components? Fed up with long, bulky cable runs? **Simplify with Intelix DIGI-VGASD twisted pair matrices.** The DIGI-VGASD-16X16 provides sixteen analog VGA video and stereo audio inputs which may be distributed to 16 twisted pair outputs in any combination. In addition, a separate internal control matrix provides bi-directional RS232 and IR switching and distributes the control signals through the twisted pair ports, allowing the remote control of the sources and destinations connected to the matrix. All of the video, audio and control signals are transmitted up to 350 feet on a single twisted pair cable. **In essence, the DIGI-VGASD-16X16 allows you to switch audio, video, and control and transmit it all over a single twisted pair cable to a remote Intelix DIGI-VGASD Series receiver.**

The matrix supports resolutions up to 1600 x 1200, features true hi-fidelity audio, and is compatible with third-party control systems.

Design with Intelix and Design with Intelligence.

Video Bandwidth	400 MHz	**Control**	RS232
Maximum Resolution	1600 x 1200	**Pass-through Matrix Control**	RS232 and IR
HD Compatibility	480i, 480p, 720p, 1080i	**Input Connectors**	(16) female HD15 (video)
Video Input Signal Level	1.0 volt p-p		(16) 1/8" mini (stereo audio)
Video Output Impedance	100 ohms		(16) 1/8" mini (IR)
Video Input Impedance	75 ohms		(1) female DB9 (serial)
Supported Video Formats	VGA, SVGA, XGA, RGBHV, RGsB, CVBS, YC, YUV, RGBS, YPbPr	**Output Connectors**	(16) RJ45
		Control Connectors	(1) female DB9 (serial)
Sync	TTL 5VDC	**Twisted Pair Out Max. Dist.**	350 feet
Sync Bandwidth	Horizontal sync up to 85 kHz	**Compatible Twisted Pair Extenders**	DIGI-VGASD-R DIGI-VGASD-WP-R
Audio Frequency Response	20 Hz to 20 kHz		DIGI-V3AD-R
Audio Impedance	100 ohms unbalanced		DIGI-V3SD-R
Diagnostic	Front panel messaging status LED	**Dimensions**	19.00" x 5.25" x 11.00" 3 RU
	Front panel power LED	**Enclosure**	Black metal
Operating Temperature Range	-41 to 95 degrees F -5 to 35 degrees C	**Regulatory**	CE, RoHS
		Shipping Weight	12 lbs
		Intelix Part Number	DIGI-VGASD-16X16
Operating Humidity Range	5 to 90% non-condensing	**Warranty**	2 years

twisted pair outputs — power indicator — RS232 messaging status indicator

Multiple Video Signal Compatibility
With the addition of a converter cable, the DIGI-VGASD-16X16 supports component video, composite video, and Y/C video.

Part Number: BRKOUT-CBL

RS232 twisted pair pass-through port — IR twisted pair pass-through port — stereo audio input — VGA video input — Made in USA — power switch — on-board fuse — power input — RS232 control port

Control Signal Pass-Through Path
The DIGI-VGASD-16X16 transmits bi-directional RS232 and IR over the same twisted pair cable used for audio and video. When sending IR, the signals are transmitted from the destination back to the matrix, not vice versa. **Intelix DIGI-VGASD-IREMT emitters and DIGI-VGASD-IREYE receivers must be used.**

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DESIGN WITH INTELLIGENCE

2222 Pleasant View Road
Suite #1
Middleton, WI 53562

Phone: 608-831-0880
Toll-Free: 866-4-MATMIX
Fax: 608-831-1833