



The Intelix DIGI-VGASD-T8R distribution system sends a single VGA video and stereo audio source to eight remote destinations over inexpensive twisted pair cable. In addition, the system extends RS232 or IR control signals over the same cable.

The DIGI-VGASD-T8R features 1600x1200 VGA video performance, high-fidelity 20Hz to 20kHz audio performance, and IR or bi-directional RS232 extension up to 350 feet. The send balun features local monitor support and the receive balun features dual outputs and built-in video equalization ensuring skew-free video performance. The DIGI-VGASD-T8R includes one 1x8 distribution amplifier send balun, one modular receive balun, and two power supplies. The system is linkable for additional remote destinations.

The Intelix **DigiCat** Series of baluns is the ideal solution for sending high-performance audio and video signals over structured cabling. **When signal quality matters, choose Intelix.**

Technical Specifications

Send Unit Connectors	One female HD15 output, one female HD15 input, one 1/8" mini audio output, one 1/8" mini audio input, one 1/8" mini IR connection, one female DB9 RS232 connection, eight RJ45 outputs, one DIN mini power connector	Temperature	<i>Operating:</i> 32 to 131 F (0 to 55 C) <i>Storage:</i> -4 to 185 F (-20 to 85 C) <i>Humidity:</i> up to 95%
Receive Unit Connectors	Two female HD15 outputs, two 1/8" mini audio outputs, two 1/8" mini IR connections, one male DB9 RS232 connection, one RJ45 output, one DIN mini power connector	Control	IR or RS232; IR takes precedence when both are connected
Included Accessories	One send balun (DIGI-VGASD-T8), one receive balun (DIGI-VGASD-R), and two (2) 5VDC power supplies	Skew Adjustment	Front panel color (R,G,B) trim-pots on the DIGI-VGASD-R receive unit
Maximum Distance*	350 feet	Unshielded Twisted Pair Cabling Specifications (24 gauge or lower solid copper)	Maximum capacitance: 20 pf/foot Impedance: 100 ohms @ 1 MHz Attenuation: 6.6 dB/1000 ft. @ 1 MHz <i>Cat 5, Cat 5e, Cat 6, Cat 7 compatible</i>
Maximum Resolution	1600x1200	Status	Front panel power LED
Video Bandwidth	300 MHz	Enclosure	Metal
Audio Frequency Response	20 Hz to 20 kHz +/- 1dB	HD Compatibility	480p, 720p, 1080i
Crosstalk	-57 dB @ 2 kHz with a +7 dB input -50 dB @ 20 kHz with a +7 dB input	Max Distance of AV Cables	6 feet
Signal to Noise Ratio	70 dB at 7 dBu	Send Unit Dimensions	2.00" x 10.88" x 5.75"
Clipping	7 dBu	Receive Unit Dimensions	1.00" x 5.38" x 3.38"
Noise Floor	63 dBu (70 dBu - 7 dBu)	Shipping Weight	8.0 lbs
Distortion	<0.08%	Power	5 VDC @ 3.0A
		Warranty	Two years
		Ordering Information	DIGI-VGASD-T8R

Note

When distributing IR, Intelix SD Series technology requires *DIGI-VGASD-IREYE* receivers and *DIGI-VGASD-IREMT* emitters.

*Distances, picture and audio quality may be affected by cable grade, cable quality, source and destination equipment, RF and electrical interference, and cable patches. Intelix specifications are based on straight-through cabling with standard-grade Cat 5.



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