



The Intelix DIGI-VGASD-S active send balun distributes VGA video, stereo audio, and control signals over a single twisted pair cable, such as Cat 5 or Cat 6. The unit features a local monitor output.

When used with a compatible Intelix receive balun, the DIGI-VGASD-S features 1600x1200 VGA video performance, high-fidelity 20Hz to 20kHz audio performance, and IR or bi-directional RS232 extension up to 350 feet over a single twisted pair cable. The unit requires power and includes a 5V power supply.

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

Maximum Distance*	350 feet	Power	5 VDC @ 0.5A
Maximum Resolution	1600x1200	Enclosure	Metal
Video Bandwidth	300 MHz	HD Compatibility	480p, 720p, 1080i
Audio Frequency Response	20 Hz to 20 kHz +/- 1dB	Control	IR or RS232; IR takes precedence when both are connected
Crosstalk	-57 dB @ 2 kHz with a +7 dB input -50 dB @ 20 kHz with a +7 dB input	Ordering Information	DIGI-VGASD-S
Signal to Noise Ratio	70 dB at 7 dBu	Included Accessories	One (1) 5VDC power supply
Clipping	7 dBu	Max Distance of AV Cables	6 feet
Noise Floor	63 dBu (70 dBu - 7 dBu)	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%
Distortion	<0.08%	Status	Front panel power LED
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>	Dimensions	5.25" x 3.38" x 1.00"
Connectors	One female HD15 output, one female HD15 input, two 1/8" mini audio outputs, two 1/8" mini IR connections, one female DB9 RS232 connection, one RJ45 output, one DIN mini power connector	Shipping Weight	3.0 lbs
		Compatible Receive Baluns	DIGI-VGASD-WP-R DIGI-VGASD-R
		Warranty	Two years

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.