The Intelix DIGI-VGASD active balun set distributes VGA video, stereo audio, and control signals over a single twisted pair cable, such as Cat 5 or Cat 6. The unit includes one send balun, one receive balun, and two power supplies.

The DIGI-VGASD 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 send balun features local monitor support and the receive balun features dual outputs and built-in video equalization ensuring skew-free video performance.

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	**Status**	Front panel power LED
Maximum Resolution	1600x1200	**Dimensions**	5.25" x 3.38" x 1.00"
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	**Control**	IR or RS232; IR takes precedence when both are connected
Signal to Noise Ratio	70 dB at 7 dBu	**Max Distance of AV Cables**	6 feet
Clipping	7 dBu	**Temperature**	*Operating*: 32 to 131 F (0 to 55 C) *Storage*: -4 to 185 F (-20 to 85 C) *Humidity*: up to 95%
Noise Floor	63 dBu (70 dBu - 7 dBu)		
Distortion	<0.08%		
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 *Cat 5, Cat 5e, Cat 6, Cat 7 compatible*	**Skew Adjustment**	Front panel color (R,G,B) trim-pots on the DIGI-VGASD receive unit
		Shipping Weight	5.0 lbs
		Power	5 VDC @ 0.5A
Send Unit 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	**Ordering Information**	DIGI-VGASD
		Included Accessories	One send balun (DIGI-VGASD-S), one receive balun (DIGI-VGASD-R), and two (2) 5VDC power supplies
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	**Warranty**	Two years

*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.

DigiCat *Series*   ✓ **RoHS**   C E