



The Intelix DIGI-VGASD-R active receiver 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 dual amplified outputs and adjustable video equalization.

When used with a compatible Intelix send balun, the DIGI-VGASD-R 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

<b>Maximum Distance*</b>	350 feet	<b>Max Distance of AV Cables</b>	6 feet
<b>Maximum Resolution</b>	1600x1200	<b>Temperature</b>	<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%
<b>Video Bandwidth</b>	300 MHz	<b>Skew Adjustment</b>	Front panel color (R,G,B) trim-pots
<b>Audio Frequency Response</b>	20 Hz to 20 kHz +/- 1dB	<b>Status</b>	Front panel power LED
<b>Crosstalk</b>	-57 dB @ 2 kHz with a +7 dB input -50 dB @ 20 kHz with a +7 dB input	<b>Dimensions</b>	5.25" x 3.38" x 1.00"
<b>Signal to Noise Ratio</b>	70 dB at 7 dBu	<b>Shipping Weight</b>	3.0 lbs
<b>Clipping</b>	7 dBu	<b>Power</b>	5 VDC @ 0.5A
<b>Noise Floor</b>	63 dBu (70 dBu - 7 dBu)	<b>Ordering Information</b>	DIGI-VGASD-R
<b>Distortion</b>	<0.08%	<b>Included Accessories</b>	One (1) 5VDC power supply
<b>Unshielded Twisted Pair Cabling Specifications (24 gauge or lower solid copper)</b>	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>	<b>Compatible Send Baluns</b>	DIGI-VGASD-WP-S DIGI-VGASD-S DIGI-VGASD-16X16 DIGI-VGASD-8X8 DIGI-VGASD-T4 DIGI-VGASD-T8
<b>Connectors</b>	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	<b>Warranty</b>	Two years
<b>Enclosure</b>	Metal		
<b>HD Compatibility</b>	480p, 720p, 1080i		
<b>Control</b>	IR or RS232; IR takes precedence when both are connected		

**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.