



The Intelix DIGI-VGASD-WP-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 mounts into a double-gang, double-deep wallbox and features a local monitor output.

When used with a compatible Intelix receive balun, the DIGI-VGASD-WP-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. Remote power may be sent over 18 gauge stranded wire.

**\*Note the DIGI-VGASD-S is double-gang and fits into a double-deep wallbox.**

### 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>Status</b>	Front panel power LED
<b>Audio Frequency Response</b>	20 Hz to 20 kHz +/- 1dB	<b>Dimensions</b>	Faceplate: 4.5" x 4.5" Rear: 2.75" deep x 3.63" wide x 2.5" tall
<b>Crosstalk</b>	-57 dB @ 2 kHz with a +7 dB input -50 dB @ 20 kHz with a +7 dB input	<b>Faceplate Color</b>	White
<b>Signal to Noise Ratio</b>	70 dB at 7 dBu	<b>Mounting</b>	Double-gang, double-deep wallbox
<b>Clipping</b>	7 dBu	<b>Shipping Weight</b>	5.0 lbs
<b>Noise Floor</b>	63 dBu (70 dBu - 7 dBu)	<b>Power</b>	5 VDC @ 0.5A
<b>Distortion</b>	<0.08%	<b>Remote Power Cabling</b>	18 gauge: 200 feet max distance 24 gauge: 43 feet max distance
<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>Min. Voltage Required</b>	4.5 VDC
<b>Connectors</b>	One female HD15 input, one female HD15 output, one 1/8" mini audio input, two 1/8" mini IR connections, one female DB9 RS232 connection, one RJ45 output, one two-conductor screw terminal power connector	<b>Max. Amperage Required</b>	220 milliamps
<b>Enclosure</b>	Metal	<b>Ordering Information</b>	DIGI-VGASD-WP-S
<b>HD Compatibility</b>	480p, 720p, 1080i	<b>Included Accessories</b>	One (1) 5VDC power supply
<b>Control</b>	IR or RS232; IR takes precedence when both are connected	<b>Compatible Receive Baluns</b>	DIGI-VGASD-WP-R DIGI-VGASD-R
		<b>Warranty</b>	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.

**Note**

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