



The Intelix DIGI-VGASD-WP 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 wallplate send balun, one wallplate receive balun, and two power supplies.

The DIGI-VGASD-WP 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.

***Note the units are double-gang and fit into a double-deep wallbox.**

Technical Specifications

Maximum Distance*	350 feet	HD Compatibility	480p, 720p, 1080i
Maximum Resolution	1600x1200	Control	IR or RS232; IR takes precedence when both are connected
Video Bandwidth	300 MHz	Max Distance of AV Cables	6 feet
Audio Frequency Response	20 Hz to 20 kHz +/- 1dB	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%
Crosstalk	-57 dB @ 2 kHz with a +7 dB input -50 dB @ 20 kHz with a +7 dB input	Skew Adjustment	Side panel color trim-pots on the DIGI-VGASD-WP receive unit
Signal to Noise Ratio	70 dB at 7 dBu	Status	Front panel power LED
Clipping	7 dBu	Dimensions	Faceplate: 4.5" x 4.5" Rear: 2.75" deep x 3.63" wide x 2.5" tall
Noise Floor	63 dBu (70 dBu - 7 dBu)	Faceplate Color	White
Distortion	<0.08%	Mounting	Double-gang, double-deep wallbox
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>	Shipping Weight	5.0 lbs
Send Unit Connectors	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	Power	5 VDC @ 0.5A
Receive Unit Connectors	Two female HD15 outputs, one 1/8" mini audio output, two 1/8" mini IR connections, one male DB9 RS232 connection, one RJ45 output, one two-conductor screw terminal power connector	Remote Power Cabling	18 gauge: 200 feet max distance 24 gauge: 43 feet max distance
Enclosure	Metal	Min. Voltage Required	4.5 VDC
		Max. Amperage Required	220 milliamps
		Ordering Information	DIGI-VGASD-WP
		Included Accessories	One send balun (DIGI-VGASD-WP-S), one receive balun (DIGI-VGASD-WP-R), and two (2) 5VDC power supplies
		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.

Note

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