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

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

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

Technical Specifications

Maximum Distance*	350 feet	**Max Distance of AV Cables**	6 feet
Maximum Resolution	1600x1200	**Temperature**	*Operating*: 32 to 131 F (0 to 55 C)
Video Bandwidth	300 MHz		*Storage*: -4 to 185 F (-20 to 85 C)
Audio Frequency Response	20 Hz to 20 kHz +/- 1dB		*Humidity*: up to 95%
Crosstalk	-57 dB @ 2 kHz with a +7 dB input	**Skew Adjustment**	Side panel color trim-pots
	-50 dB @ 20 kHz with a +7 dB input	**Status**	Front panel power LED
Signal to Noise Ratio	70 dB at 7 dBu	**Dimensions**	Faceplate: 4.5" x 4.5"
Clipping	7 dBu	**Faceplate Color**	White
Noise Floor	63 dBu (70 dBu - 7 dBu)	**Mounting**	Double-gang, double-deep wallbox
Distortion	<0.08%	**Shipping Weight**	5.0 lbs
Unshielded Twisted Pair Cabling Specifications (24 gauge or lower solid copper)	Maximum capacitance: 20 pf/foot	**Power**	5 VDC @ 0.5A
	Impedance: 100 ohms @ 1 MHz	**Remote Power Cabling**	18 gauge: 200 feet max distance
	Attenuation: 6.6 dB/1000 ft. @ 1 MHz		24 gauge: 43 feet max distance
	Cat 5, Cat 5e, Cat 6, Cat 7 compatible	**Min. Voltage Required**	4.5 VDC
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	**Max. Amperage Required**	220 milliamps
		Ordering Information	DIGI-VGASD-WP-R
		Included Accessories	One (1) 5VDC power supply
		Compatible Send Baluns	DIGI-VGASD-WP-S
			DIGI-VGASD-S
			DIGI-VGASD-16X16
Enclosure	Metal		DIGI-VGASD-8X8
Skew Adjustment	Side panel color trim-pots		DIGI-VGASD-T4
Status	Front panel power LED		DIGI-VGASD-T8
HD Compatibility	480p, 720p, 1080i	**Warranty**	Two years
Control	IR or RS232; IR takes precedence when both are connected		

*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.

DigiCat *Series*

✓ **RoHS**

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