

The Intelix AVO-VGA balun set transmits VGA video passively over standard unshielded twisted pair cable, such as Cat 5, Cat 5e or Cat 6. The AVO-VGA eliminates costly and bulky VGA cable, and extends video transmission distances.

The AVO-VGA is ideal for education, government, house of worship, corporate, residential, and any other application requiring extended VGA video distribution. **Design with Intelix and Design with Intelligence.** 

## **Technical Specifications**

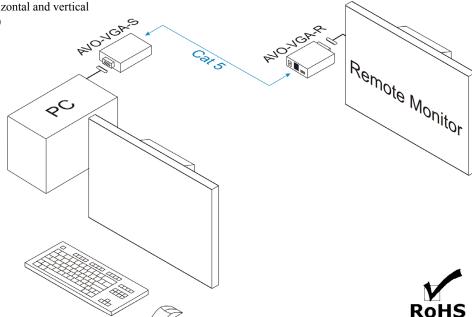
Maximum Distance*	VGA (640x480 pixels): 450 feet	Grounding	Grounding screw for optional use
	SVGA (800x600 pixels): 350 feet XGA (1024x768 pixels): 250 feet	Enclosure	Shielded metal housing
	SXGA (1280x1024 pixels): 200 feet	<b>Unshielded Twisted Pair</b>	Maximum capacitance: 20 pf/foot
Input Signal	Video: 1.1 Vp-p Sync: TTL standard; 300 kHz max	Cabling Specifications (24 gauge or lower solid copper)	Impedance: 100 ohms @ 1 MHz Attenuation: 6.6 dB/1000 ft. @ 1 MHz Cat 5, Cat 5e, Cat 6, Cat 7 compatible
Bandwidth (3 dB)	DC to 60 MHz	Temperature	Operating: 32 to 131 F (0 to 55 C)
<b>Insertion Loss</b>	<3 dB per pair over the frequency range	<b>P</b>	Storage: -4 to 185 F (-20 to 85 C)
Return Loss	-15 dB maximum from DC to 60 MHz		Humidity: up to 95%
Common Mode Rejection	15 kHz: -60 dB maximum	Dimensions	4.3" x 2.5" x 1.0"
	100 kHz to 10 MHz: -40 dB maximum	Shipping Weight	1.0 lbs
	100 MHz: -20 dB maximum	Mounting	compatible with Intelix AVO-CLIP and
Impedance	Input: RGB 75 ohms		DIN-RACK-KIT 19" rack tray
	Output: RGB 100 ohms	Ordering Information	AVO-VGA: includes one AVO-VGA-S
Connectors	Send: One female HD15 to one shielded RJ45		send balun and one AVO-VGA-R receive balun
	Receive: One female HD15 to one shielded RJ45	<b>Included Accessories</b>	(1) 3' male HD15 to male HD15 cable
R 145 Pinout	Pins A and 5: Green (halanced)	Warranty	Two years

Pins 4 and 5: Green (balanced)
Pins 1 and 2: Red (balanced)

Pins 7 and 8: Blue (balanced)
Pins 3 and 6: Horizontal and vertical sync (unbalanced)

\*Distances and picture 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.

**RJ45 Pinout** 





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