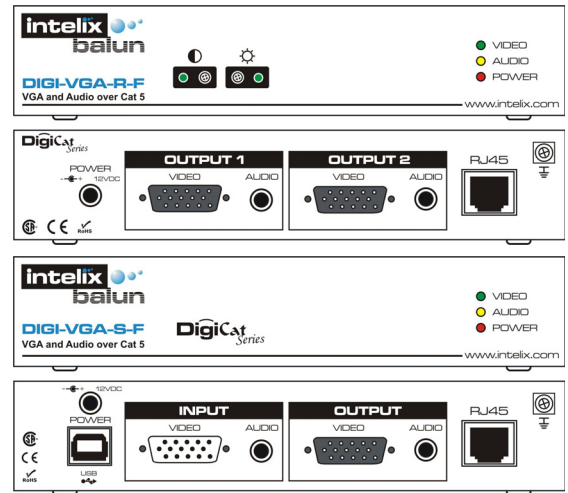


The Intelix DIGI-VGA-F balun set transmits high-definition VGA video and high-fidelity analog audio extended distances over inexpensive structured pair cabling, such as Cat 5 or Cat 6. The DIGI-VGA-F balun set includes a DIGI-VGA-S-F send balun, a DIGI-VGA-R-F receive balun, two power supplies, and a USB power cable. The kit is powered on both the send and receive end with either 12 VDC power supplies or optional USB power on the send end. The send balun provides local audio/video outputs for added versatility, whereas the receive balun features dual amplified audio/video outputs for linking. In addition, the DIGI-VGA-R-F receive balun provides brightness, contrast, and overall picture quality adjustment for skew-free performance over standard Cat 5 cabling.

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

Maximum Distance*	1920 x 1200 resolution 250 feet 1600 x 1200 resolution 350 feet 1280 x 1024 resolution 500 feet 1024 x 768 resolution 700 feet 800 x 600 resolution 850 feet	Max Units for Linking	3
Video Bandwidth	DIGI-VGA-R-F (250 feet): 120 MHz DIGI-VGA-R-F (850 feet): 50 MHz DIGI-VGA-S-F: 350 MHz	Max Distance between Links	Distance based on resolution
Input Video Signal	1.2V p-p	Brightness	Front panel trim-pot on the DIGI-VGA-R-F receive unit
Audio Frequency Response	20 Hz to 20 kHz	Contrast (skew adj.)	Front panel trim-pot on the DIGI-VGA-R-F receive unit
Audio Impedance	600 ohm	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%
Audio Nominal Level	0 - 1.0V	Status	Front panel video, audio, and power LEDs on both the DIGI-VGA-R-F receive and DIGI-VGA-S-F send units
Common Mode Rejection	60 dB	Dimensions	<i>DIGI-VGA-R-F:</i> 6.25" x 1.25" x 3.25" <i>DIGI-VGA-S-F:</i> 6.25" x 1.25" x 3.25"
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	<i>DIGI-VGA-F:</i> 4.0 lbs <i>DIGI-VGA-R-F:</i> 2.0 lbs <i>DIGI-VGA-S-F:</i> 2.0 lbs
Send Unit Connectors	One male HD15 input, one female HD15 output, one 1/8" mini audio input, one 1/8" mini audio output, one shielded RJ45 output, one USB type-B power connector, one DIN mini power connector	Ordering Information	<i>DIGI-VGA-F:</i> includes one DIGI-VGA-S-F send balun, one DIGI-VGA-R-F receive balun, two DC power supplies, and one USB power cable <i>DIGI-VGA-R-F:</i> includes one DIGI-VGA-R-F receive balun and one DC power supply <i>DIGI-VGA-S-F:</i> includes one DIGI-VGA-S-F send balun, one DC power supply, and one USB power cable
Receive Unit Connectors	Two female HD15 outputs, two 1/8" mini audio outputs, one shielded RJ45 input, one DIN mini power connector	Warranty	Two years
Power Consumption	<i>DIGI-VGA-R-F:</i> 12V/0.5A or 6W <i>DIGI-VGA-S-F:</i> 12V/0.2A or 2.4W		
Enclosure	Metal		

*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.