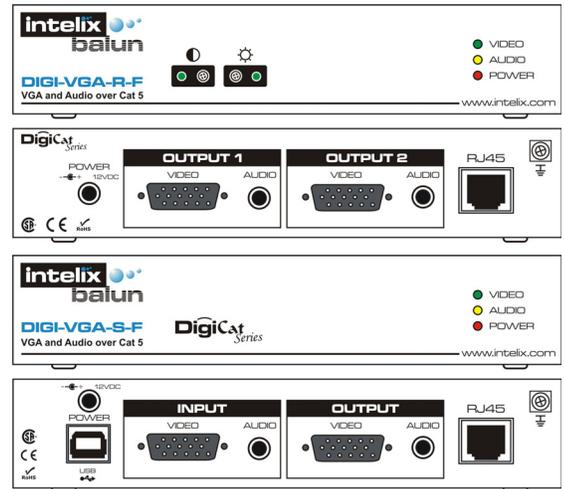


The Intelix DIGI-VGA-F balun set transmits high-definition VGA video and high-fidelity analog audio extended distances over inexpensive structured pair cabling, such as Cat 5 or Cat 6. The DIGI-VGA-F balun set includes a DIGI-VGA-S-F send balun, a DIGI-VGA-R-F receive balun, two power supplies, and a 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

<b>Maximum Distance*</b>	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	<b>Max Units for Linking</b>	3
<b>Video Bandwidth</b>	DIGI-VGA-R-F (250 feet): 120 MHz DIGI-VGA-R-F (850 feet): 50 MHz DIGI-VGA-S-F: 350 MHz	<b>Max Distance between Links</b>	Distance based on resolution
<b>Input Video Signal</b>	1.2V p-p	<b>Brightness</b>	Front panel trim-pot on the DIGI-VGA-R-F receive unit
<b>Audio Frequency Response</b>	20 Hz to 20 kHz	<b>Contrast (skew adj.)</b>	Front panel trim-pot on the DIGI-VGA-R-F receive unit
<b>Audio Impedance</b>	600 ohm	<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>Audio Nominal Level</b>	0 - 1.0V	<b>Status</b>	Front panel video, audio, and power LEDs on both the DIGI-VGA-R-F receive and DIGI-VGA-S-F send units
<b>Common Mode Rejection</b>	60 dB	<b>Dimensions</b>	<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"
<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>Shipping Weight</b>	<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
<b>Send Unit Connectors</b>	One female 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	<b>Ordering Information</b>	<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
<b>Receive Unit Connectors</b>	Two female HD15 outputs, two 1/8" mini audio outputs, one shielded RJ45 input, one DIN mini power connector	<b>Warranty</b>	Two years
<b>Power Consumption</b>	<i>DIGI-VGA-R-F:</i> 12V/0.5A or 6W <i>DIGI-VGA-S-F:</i> 12V/0.2A or 2.4W		
<b>Enclosure</b>	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.