

#### Overview

The VideoEase Active VGA Balun Kit allows VGA video to be transmitted via cost-efficient unshielded copper twisted cable in a point-to-point configuration. Each kit includes one (1) transmitter and one (1) receiver. The product supports up to 1920 x 1440 pixels for applications that require superior performance and features manual gain adjustment and local monitor output for added versatility.

## **Applications**

Digital signage, boardroom systems, collaborative PC systems, medical information systems



#### **Key Features**

Up to 400 ft (122m) via Cat5 TP @ 1920 x 1440 Support for local monitor Adjustable gain control

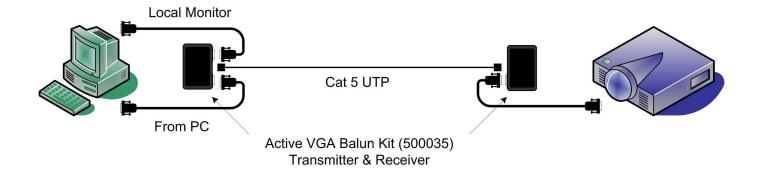
Specifications	
Environment	VGA. VESA VP&D 1.0, VIP ver 2.0.
Devices	PCs, laptops, CRT monitors, LCD monitors, plasma screens, DLP projectors.
Transmission	Transparent to the user.
Bandwidth	Up to 280 MHz (1920 x 1440 resolution)
Impedance – Video Input (Coax)	75 ohms
Impedance – Video Out (UTP)	100 ohms
Connectors – Transmitter	VGA Input (PC): DB15 HD Receptacle VGA Output (Local Monitor): DB15 HD Receptacle VGA Output (Cat5): RJ45 shielded
Connectors – Receiver	VGA Input (Cat5): RJ45 shielded VGA Output (Display): DB15 HD Receptacle
Max. Distance via Cat 5 Twisted Pair	640 x 480 (VGA): 700 ft (213m) 1280 x 1024 (SXGA): 550 ft (167m) 800 x 600 (SVGA): 600 ft (183m) 1600 x 1200 (UXGA): 500 ft (152m) 1024 x 768 (XGA): 550 ft (167m) 1800 x 1440: 400 ft (122m) 1280 x 768 (WXGA): 550 ft (167m) 1920 x 1440: 400 ft (122m)
RJ45 Pin Configuration Reverse Polarity Sensitive Use EIA/TIA 568 A or B, straight- through wiring	Pair 1: Pin 1 (R) Pin 2 (T) Pair 2: Pin 4 (R) Pin 5 (T) Pair 3: Pin 7 (R) Pin 8 (T) Pair 4: Pin 3 (R) Pin 6 (T)
Gain Adjustment	Gain control via DIP switches on receiver (factory default setting: all OFF)
LED Indicators	Transmitter: Power – One (1) green LED Receiver: Power – One (1) green LED; Switch position: Four (4) green LEDs
Cable	Category 5 or better twisted pair cable. Requires additional VGA jumper cables (not included)
Power Supplies	Two (2) 110-240V/12VDC/1.25A. Detachable AC power cords included. * 12VDC power jacks *500036: Continental Europe power cord
Temperature	Operating: 0° to 40° C. Storage:-10° to 70° C. Humidity: up to 95% non-condensing
Enclosure	Black. ABS fire retardant plastic
Dimensions	4.5" x 3.8" x 1.25" (11.4 cm x 9.7 cm x 3.2cm)
Weight	3 lbs, 1.38 kgs
Mounting	Desktop, rubber stand-offs.
Regulatory	FCC/CE
Warranty	One (1) year
Order Information	500035: Active VGA Balun Kit, includes 1 transmitter and 1 receiver, 110V 500036: Active VGA Balun Kit, includes 1 transmitter and 1 receiver, 220-240V

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# VideoEase Active VGA Balun Kit 500035, 500036

### **Typical Application**



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VideoEase Active VGA Balun Kit

MuxLab Inc.

Tel: (514) 905 0588 Fax: (514) 905 0589 Toll Free:1 877 689-5228 E-mail: videoease@muxlab.com

URL:www.muxlab.com