Features

No Power Supply Needed

Transmits up to 600ft (VGA 640x480)
over single UTP CAT5e/6 Cable

Supported resolutions: VGA, SVGA, XGA,
SXGA & WXGA

Benefits

• Eliminates costly and bulky VGA cable
• Ultra compact size for installation versatility.
• Carry Video from DVR, PC or other VGA sources to remote
  displays or distribution locations utilizing cost effective CAT5
  cable
• Allows a simple and cost effective solution for extending
  distance for VGA monitors

Quick Setup Guide

Plug your VGA cable from the VGA output into the Transmit Baluns HD15 connector. Secure the cables using the lock down screws. Make a similar connection between the Receive Baluns HD15 connector and your display. Insert the CAT5 cable into both ends of the Baluns. You may use standard EIA 568A/B termination.

NOTE: Baluns are interchangeable for transmit or receive functions.
Compatibility: Does not support VGA handshaking (DDC) information.

Technical Specifications

Signal: VGA, VESA VP&D 1.0, VIP ver 2.0
Bandwidth: DC to 60 MHz
Maximum Distance*:
VGA: (640 x 480) 600ft.
SVGA : (800 x 600) 400ft.
XGA : (1024x768) 350ft.
WXGA : (1280x768) 250ft.
SXGA : (1280x1024) 250ft.
UXGA : (1600x1200) 200ft.
WUXGA: (1920x1200) 200ft.
(*Longer distances are possible but best quality is attained at shorter distances)
Maximum Video Input Level: 1.1Vp-p
Insertion Loss per Pair of Baluns: Less than 3dB over frequency range.
Video Impedance:
Input: RGB 75Ω (HD15) Unbalanced.
Output: RGB 100Ω (RJ45 shielded) Balanced
Cable (UTP): CAT5e/6 24 Gauge or lower solid copper twisted pair.
Connectors: One (1) VGA (HD15) Female for Video, One (1) RJ45 jack

General:

Dimensions: 65*55*25mm
Weight: 80g
Enclosure: ABS engineering plastic
Accessories: VGA cable
Operating Temperature: 0 °C to 55 °C

RJ45 Pinout:

Pin #1 = Blue +
Pin #2 = Blue –
Pin #3 = V Sync
Pin #4 = Green
Pin #5 = Green –
Pin #6 = H Sync
Pin #7 = Red +
Pin #8 = Red