

Model FS-6001P

Key Features

- No need power supply
- Eliminates COAX or other cabling
- Supported PC resolutions; VGA, SVGA, XGA, SXGA and WXGA
- Transmits VGA (640x480) Video up to 300ft. over a single UTP CAT5e/6 cable.

Key Benefits

- Eliminates costly and bulky VGA cable
- Ultra compact size for installation versatility.
- Carry Video from Desktop or Laptop PC or other VGA sources to remote displays or distribution locations utilizing cost effective CAT5 cable
- Allows a simple and cost effective solution for meeting rooms, classrooms, digital signage and other presentations

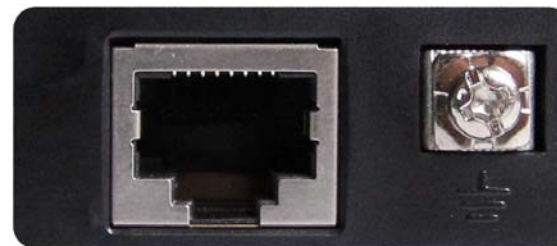
Quick Setup Guide

Plug your VGA cable coming from your PC 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.



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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

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

Compatibility: Does not support VGA handshaking (DDC) information.

General:

Dimensions: 65*55*25mm

Weight: 80g

Enclosure: ABS engineering plastic

Accessories: VGA cable

Operating Temperature: 0 °C to 55°C

Application Diagram

