

High Resolution VGA & Stereo Audio CAT5 Extender

ITEM NO.: VE01H, VE01HA



VE01H, VE01HA are designed for high resolution 1920x 1200 VGA signal with audio over cost effective CAT5 cable to instead of VGA and Audio cable. No power requested at receiver unit for easy installation at monitor side.

VE01HA built in stereo audio as AV extender, the most efficient way to move multimedia content from player to display and could be used in shopping malls, public address systems, airports, train & bus station, boardrooms, trade shows, computer based training application.

VE01H Active Hi Resolution VGA CAT5 Extender

- Active type, including transmitter and receiver.
- Supports high resolution up to 1920 x 1200 at 70 meters.
- Use 4 pairs CAT5 UTP cable instead of VGA cable.
- External power required at transmitter unit, no power requested at receiver unit.

VE01HA Active High Resolution VGA CAT5 Extender With Stereo Audio

- Identical to above VE01H, but with stereo audio function.
- Audio by digital encoding process for sound undistorted.

Installation:

Cable:

Video Link cable using high quality CAT5E UTP/STP or CAT6 UTP cable. Please noted STP cable could enhance noise rejection, but also less transmission range and picture sharpness quality.

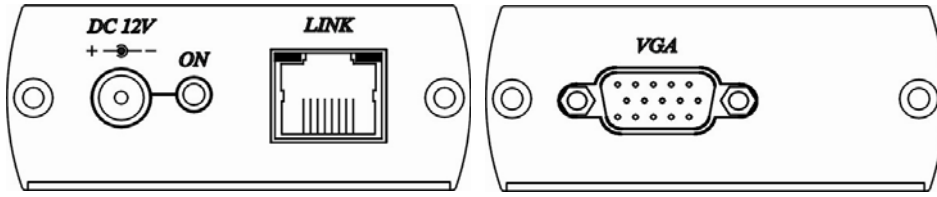
RJ45 Define:

Link Cable (TIA/EIA-568-B)

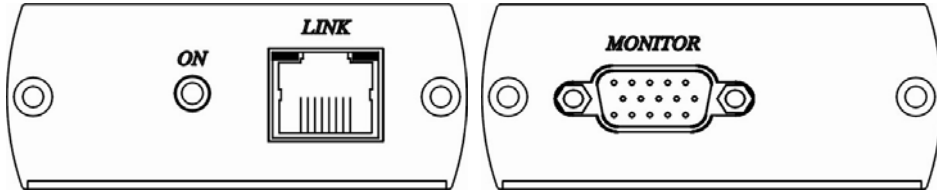
- | | |
|-----------------|--------------|
| 1. Orange-white | Blue - |
| 2. Orange | Blue + |
| 3. Green-white | Green - |
| 4. Blue | +12V/Audio + |
| 5. Blue-white | Gnd /Audio - |
| 6. Green | Green + |
| 7. Brown-white | Red - |
| 8. Brown | Red + |

Panel View:

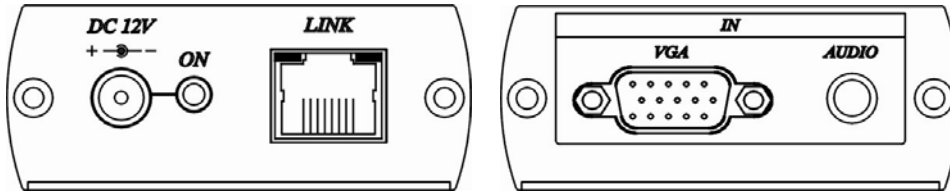
VE01HT



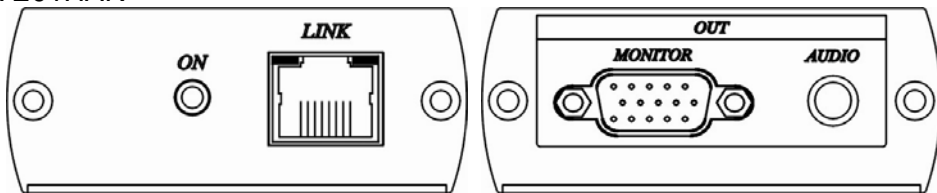
VE01HR



VE01HAT

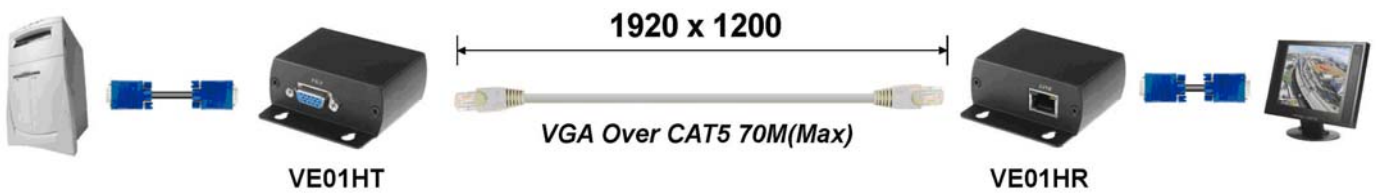


VE01HAR

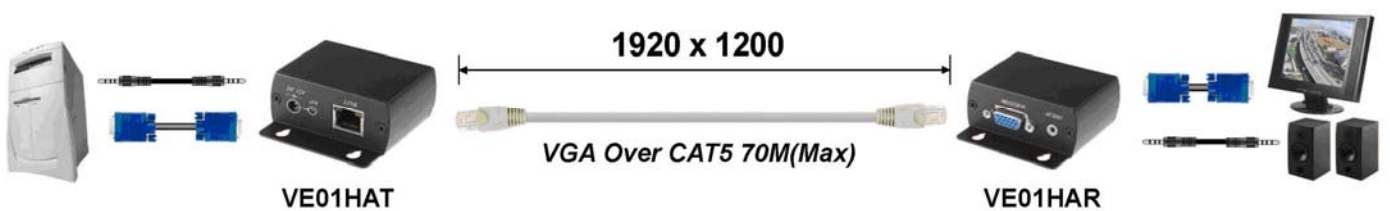


Installation View:

VE01H



VE01HA



VE01HT/VE1HAT LED:

Blue LED : power on/off

RJ45 LED (Link cable connector):

Green: VGA signal

VE01HR/VE1HAR LED:

Blue LED: power on/off

RJ45 LED (Link cable connector):

Green: VGA signal

Yellow on: Audio signal failed (VE01HAR)

Caution:

1. **VE01H, VE01HA can not work with any of our other VGA CAT5 extender products which will cause product damage.**
2. **This device not Ethernet product, do not connect any Ethernet.**
3. **The cabling must away from any equipment with electromagnetic wave, i.e.: microwave, radio equipment, high voltage lines.**

Specification:

ITEM	VE01HT	VE01HR
VGA Connector	15-pin D-sub x 1 (RGB Analog · 0.7 Vp-p 75Ω)	
Video bandwidth	700 MHz, -3 dB	
Data Link	RJ-45 x 1	RJ-45 x 1
DC Jack	Ø 2.0 mm x 1	x
Power Supply	DC 12V · 500mA (External)	x
Power Consumption	300 mA (Max.)	x
Temperature	Operation: 0 to 55°C, Storage: -20 TO 85°C, Humidity: up to 95%	
Dimensions	87mm x 67mm x 27mm	
Weight	140g	130g

ITEM	VE01HAT	VE01HAR
VGA Connector	15-pin D-sub x 1 (RGB Analog · 0.7 Vp-p 75Ω)	
Audio Connector	Stereo Phone Jack 3.5mm x 1 (2Vp-p Max · 10KΩ)	
Video bandwidth	700 MHz, -3 dB	
Audio bandwidth	20 - 20K Hz -3db	
Data Link	RJ-45 x 1	RJ-45 x 1
DC Jack	Ø 2.0 mm x 1	x
Power Supply	DC 12V · 500mA (External)	x
Power Consumption	400 mA (Max.)	x
Temperature	Operation: 0 to 55°C, Storage: -20 TO 85°C, Humidity: up to 95%	
Dimensions	87mm x 67mm x 27mm	
Weight	150g	140g

