High Resolution VGA CAT5e Extender
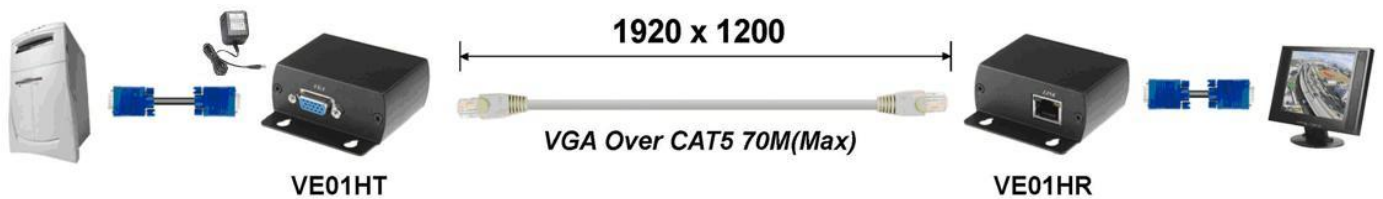
ITEM NO.:   VE01H

VE01H is designed to extend high resolution 1920 x 1200 VGA signal with audio over cost effective CAT5e/CAT6 cable up to 70M.   There is no external power requested at receiver unit for easy installation at monitor side.   The idea application could be 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 High 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.

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:
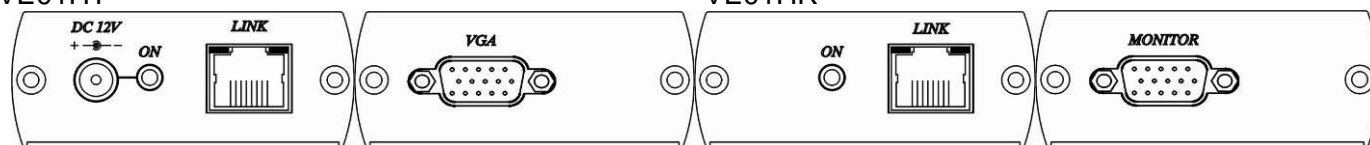**Link Cable (TIA/EIA-568-B)**
1. Orange-white   Blue -
2. Orange   Blue +
3. Green-white   Green -
4. Blue   +12V/Audio +
5. Blue-white   GND /Audio -
6. Green   Green +
7. Brown-white   Red –
8. Brown   Red +

Panel View:

VE01HT   VE01HR

VE01HT LED:
Blue LED : power on/off
RJ45 LED (Link cable connector) Green: VGA signal

VE01HR LED:
Blue LED: power on/off
RJ45 LED (Link cable connector) Green: VGA signal

Caution:
1. VE01H cannot 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	DB15 x 1 (RGB Analog · 0.7 Vp-p 75Ω)	
Video bandwidth	700 MHz, -3dB	
Data Link	RJ45 x 1	
DC Jack	Ø 2.0 mm x 1	x
Power Supply	DC 12V · 500mA	x
Power Consumption	300 mA (Max)	x
Temperature	Operation: 0 to 55℃, Storage: -20 TO 85℃, Humidity: up to 95%	
Dimensions mm	67 x 87 x 27	
Weight g	135	

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Rev. B