



VGA Extender

User Manual

Model : VE01H

High Resolution VGA CAT5e Extender 1920 x 1200 – 70M



Introduction

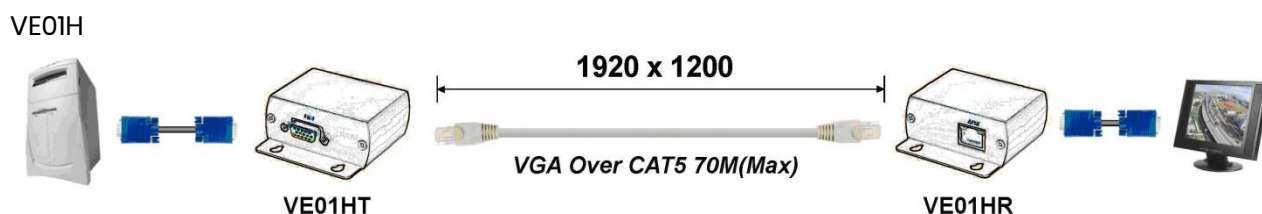
VE01H is a VGA extender designed to use a cost-effective UTP cable to carry the signal for a long distance, with the resolution up to 1920 x 1200@60Hz.

It's the ideal solution for shopping malls, public address systems, airports, train & bus stations, boardrooms, trade shows, computer-based training applications.

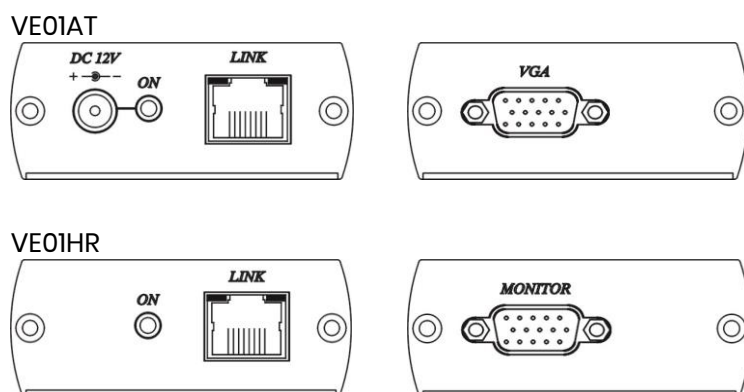
Features

- Resolution up to 1920 x 1200@60Hz.
- Signal extension up to 70M over a 4 pairs CAT5e UTP cable.
- No External power required at RX unit.

Installation View



Panel View



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 + |

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 NO. | VE01HT | VE01HR |
|----------------------------|---------------------------|-------------------------|
| Support | | |
| Max. Video Resolution | 1920 x 1200px | |
| Max. Transmission Distance | 70M over CAT5e or Greater | |
| Video Bandwidth | 700 MHz, -3dB | |
| Ports & Interfaces | | |
| Video Input | 1 x DB15 (75Ω, 0.7Vp-p) | 1 x RJ45 |
| Video Output | 1 x RJ45 | 1 x DB15 (75Ω, 0.7Vp-p) |
| Power | | |
| Power Supply | DC 12V 500mA | |
| Power Consumption | 300mA (Max) | |
| Ambient Temperature | | |
| Operation | 0 to 55°C | |
| Storage | -20 to 85°C | |
| Humidity | up to 95% | |
| Physical Characteristics | | |
| Dimensions | 67 x 87 x 27mm | 67 x 87 x 27mm |
| Weight | 135g | 135g |