

High Resolution VGA & Stereo Audio CAT5 Extender

ITEM NO.: VE-070, VE-070A



VE070, VE070A 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.

VE070A 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.

VE070 Active Hi Resolution VGA CAT5 Extender

- Active type, including transmitter and receiver.
- Supports high resolution up to 1920 x 1200 at 40 meters.
- Use 4 pairs CAT5 UTP cable instead of VGA cable.
- External power required at transmitter unit, no power requested at receiver unit.

VE070A Active High Resolution VGA CAT5 Extender With Stereo Audio

- Identical to above VE070, 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.

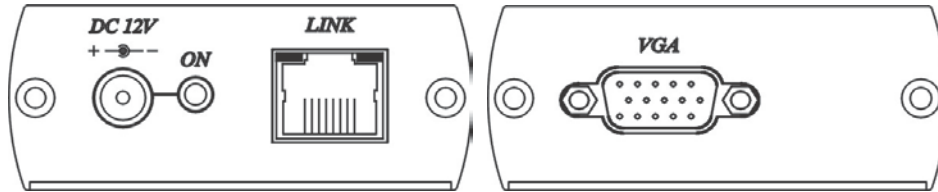
RJ45 Define:

Link Cable (TIA/EIA-568-B)

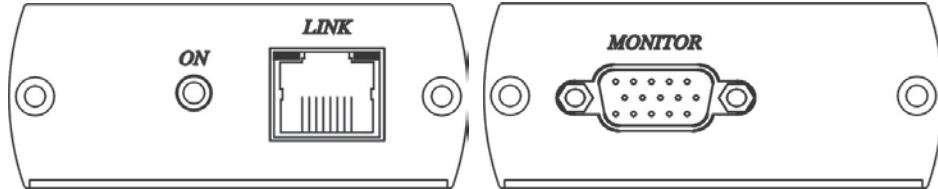
1. Orange-white	Blue -
2. Orange	Blue +
3. Green-white	Green -
4. Blue	+12V/Audio +
5. Blue-white	Gnd /Audio -
6. Green	Green +
7. Brown-white	Red -
8. Brown	Red +

Panel View:

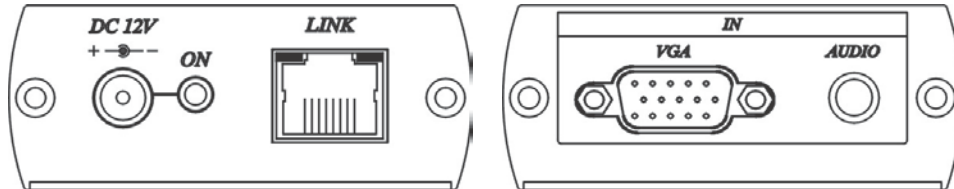
VE070 TX



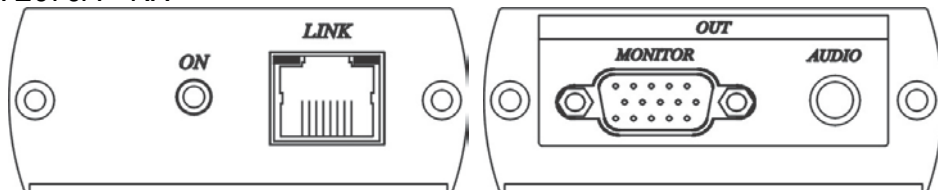
VE070 RX



VE070A TX

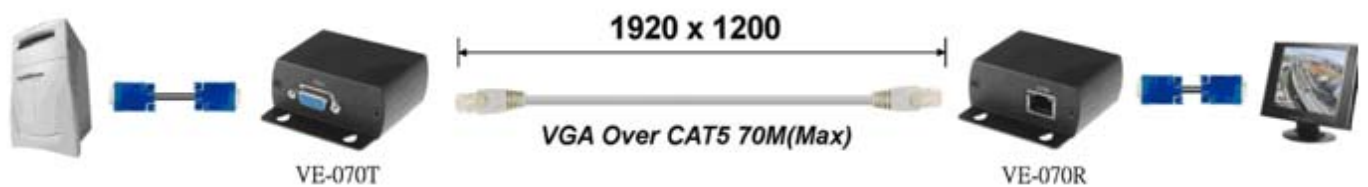


VE070A RX

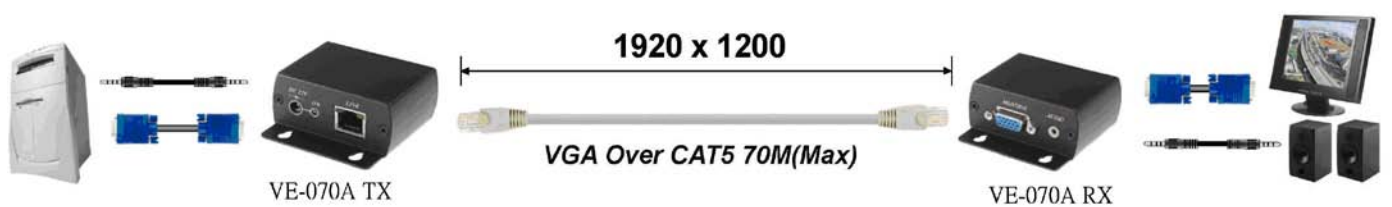


Installation View:

VE070



VE070A



VE070/VE070A TX LED:
Blue LED : power on/off

RJ45 LED (Link cable connector):
Green: VGA signal

VE070/VE070A RX LED:
Blue LED: power on/off

RJ45 LED (Link cable connector):
Green: VGA signal
Yellow on: Audio signal failed (VE070AR)

Caution:

- 1. VE070, VE070A 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	VE070 TX	VE070 RX
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	VE070A TX	VE070A RX
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