

VGA EXTENDER



VGA-L



VGA-L-PRO



VGA-L+



VGA-L+-PRO



**VGA-E2/VGA-E4/VGA-E8
(Local)**



VGA-R



VGA-R-PRO

(Remote)

USER MANUAL

Package Contents for VGA-E

- VGA-L Local Unit
- VGA-R Remote Unit
- 1 user manual
- 2 power adapter DC 12V/600mA
- 1 VGA 1.2M cable (HD-15 Male to Male)

Package Contents for VGA-E-PRO

- VGA-L-PRO Local Unit
- VGA-R-PRO Remote Unit
- 1 user manual
- 2 power adapter DC 12V/600mA
- 1 VGA 1.2M cable (HD-15 Male to Male)

Package Contents for VGA-E⁺

- VGA-L⁺ Local Unit
- VGA-R Remote Unit
- 1 user manual
- 2 power adapter DC 12V/600mA
- 1 VGA 1.2M cable (HD-15 Male to Male)

Package Contents for VGA-E⁺-PRO

- VGA-L⁺-PRO Local Unit
- VGA-R-PRO Remote Unit
- 1 user manual
- 2 power adapter DC 12V/600mA
- 1 VGA 1.2M cable (HD-15 Male to Male)

Package Contents for VGA-E2

- VGA-E2 Local Unit
- 1 user manual
- 1 power adapter DC 12V/600mA
- 1 VGA 1.2M cable (HD-15 Male to Male)

Package Contents for VGA-E4

- VGA-E4 Local Unit
- 1 user manual
- 1 power adapter DC 12V/600mA
- 1 VGA 1.2M cable (HD-15 Male to Male)

Package Contents for VGA-E8

- VGA-E8 Local Unit
- 1 user manual
- 1 power adapter DC 12V/600mA
- 1 VGA 1.2M cable (HD-15 Male to Male)

Package Contents for VGA-R

- VGA-R Remote Unit
- 1 user manual
- 1 power adapter DC 12V/600mA

Package Contents for VGA-R-PRO

- VGA-R-PRO Remote Unit
- 1 user manual
- 1 power adapter DC 12V/600mA

Any thing missed, please contact with your vendor.

Features

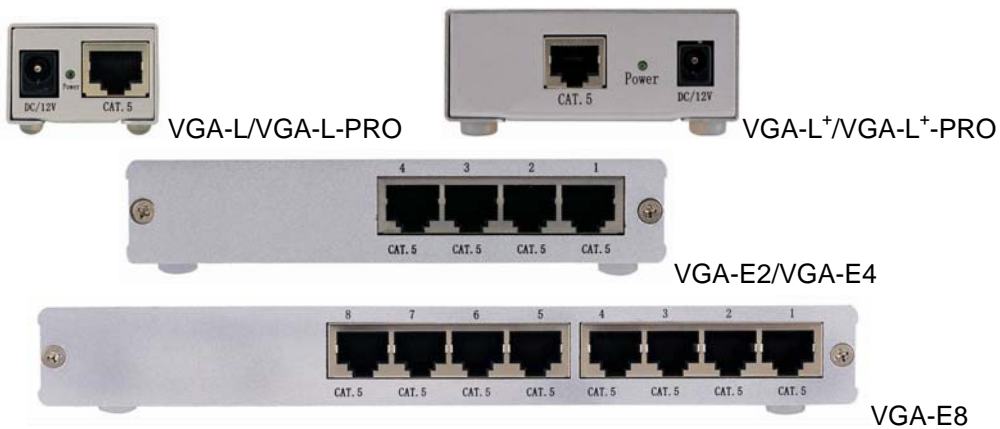
- Through the VGA Extender, you can use one PC to display identical image and extension of VGA signal up to 180/300 meter on monitors.
- Equalization length is adjustable.
- VGA signal gain is adjustable.

Specifications

| Function | VGA-L | VGA-R | VGA-L-PRO | VGA-R-PRO |
|-----------------------|------------------|-------|--------------|-----------|
| VGA In/Out Connector | HD-15 Female x 1 | | | |
| RJ-45 Connector | 1 | | | |
| Max. Resolution | 1280x1024 60Hz | | | |
| Cable Distance | 180 m (Max.) | | 300 m (Max.) | |
| Power Adapter (Min.) | DC 12V 600mA | | | |
| Housing | Metal | | | |
| Weight | 135g | 140g | 135g | 140g |
| Dimensions (LxWxH) mm | 92x34x22 | | 92x34x22 | |

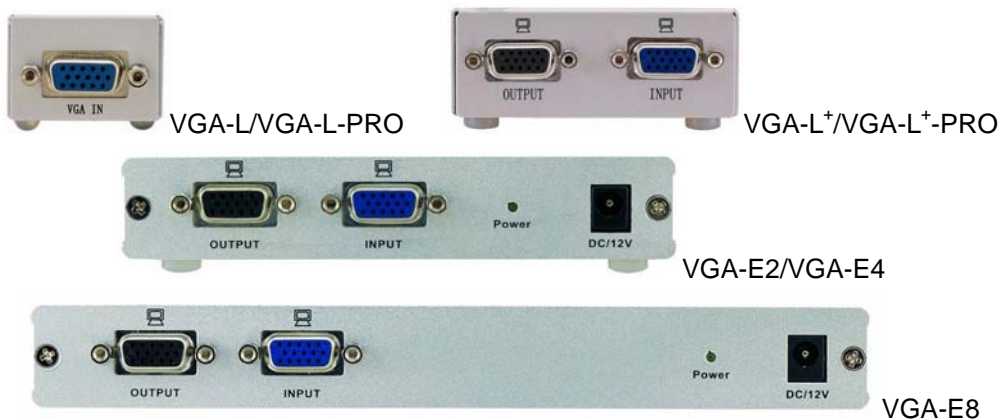
| Function | VGA-L ⁺ | VGA-L ⁺ -PRO | VGA-E2 | VGA-E4 | VGA-E8 |
|-----------------------|--------------------|-------------------------|---------------|----------|---------------|
| VGA In Connector | HD-15 Female x 1 | | | | |
| VGA Out Connector | HD-15 Female x 1 | | | | |
| RJ-45 Connector | 1 | | 2 | 4 | 8 |
| Max. Resolution | 1280x1024 60Hz | | | | |
| Cable Distance | 180 m (Max.) | 300 m (Max.) | | | |
| Power Adapter (Min.) | DC 12V 600mA | | | | |
| Housing | Metal | | | Aluminum | |
| Weight | 290g | 290g | 230g | 247g | 345g |
| Dimensions (LxWxH) mm | 118x75x29 | | 130x83.5x29.5 | | 200x83.5x29.5 |

LOCAL FRONT VIEW



1. CAT.5 (RJ-45 Connector)
2. Power LED
3. Power jack

LOCAL REAR VIEW



1. VGA In (HD-15 Female Connector)
2. VGA Out (HD-15 Female Connector)
3. Power LED
4. Power jack

REMOTE FRONT VIEW



VGA-R/VGA-R-PRO

1. Power jack
2. Power LED
3. CAT.5 (RJ-45 Connector)

REMOTE REAR VIEW



VGA-R/VGA-R-PRO

1. VGA Out (HD-15 Female Connector)

REMOTE BOTTOM VIEW



VGA-R/VGA-R-PRO

1. EQ – Equalization length adjust (Adjust it and weak characters be sharp)
2. GAIN – Adjust brightness

Installation

1. Turn off the PC.
2. Connect VGA-Extender Local Unit HD-15 female input connector with HD-15 male to male cable from PC.
3. Connect VGA-Extender Local Unit HD-15 female output connector with HD-15 male to male cable from monitor.
4. Connect the VGA-Extender Local and Remote Unit with CAT.5 cable.
5. Connect VGA-Extender Remote Unit HD-15 female connector with HD-15 male to male cable from monitor.
6. Connect the power cord each side.
7. Turn on the monitor and PC.

Additional Options

Select any additional options you may require.

1. Power adapter-USB to DC 12V plug which supply power via PC to VGA-L/VGA-L-PRO Local Unit.

(Item No: PUD125P)



2. It provides perfect skew delay correction, we suggest when distances over 150M it is needed.

(Item No: SK-101)



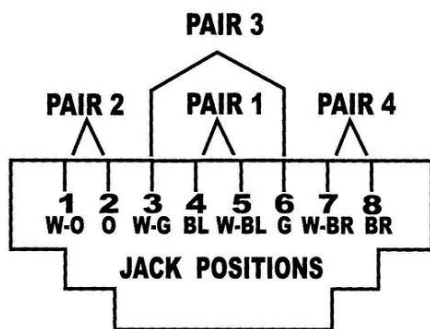
Distances and Resolutions for CAT.5/5E and CAT.6 cables

| | | |
|----------|------|-----------|
| CAT.5/5E | 50M | 2048x1536 |
| | 100M | 1280x1024 |
| | 180M | 1024x768 |
| | 200M | 800x600 |
| | 300M | 640x480 |
| CAT.6 | 30M | 1920x1440 |
| | 50M | 1280x1024 |
| | 100M | 800x600 |

PS. We suggest to use CAT.5 cable because the performance is better than others.

Wiring Information & Coding

| Conductor Identification | RJ45 Pin Assignment | Color Code for Conductor |
|--------------------------|---------------------|--------------------------|
| Pair 1 | 5 | White-Blue |
| | 4 | Blue |
| Pair 2 | 1 | White-Orange |
| | 2 | Orange |
| Pair 3 | 3 | White-Green |
| | 6 | Green |
| Pair 4 | 7 | White-Brown |
| | 8 | Brown |



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