

VGA EXTENDER



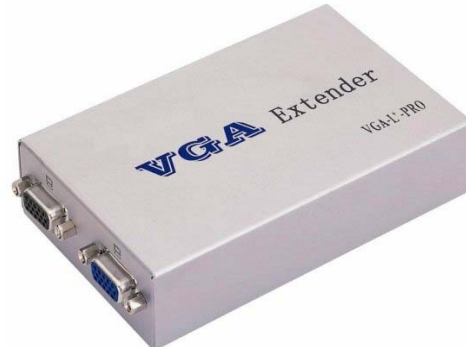
VGA-L



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

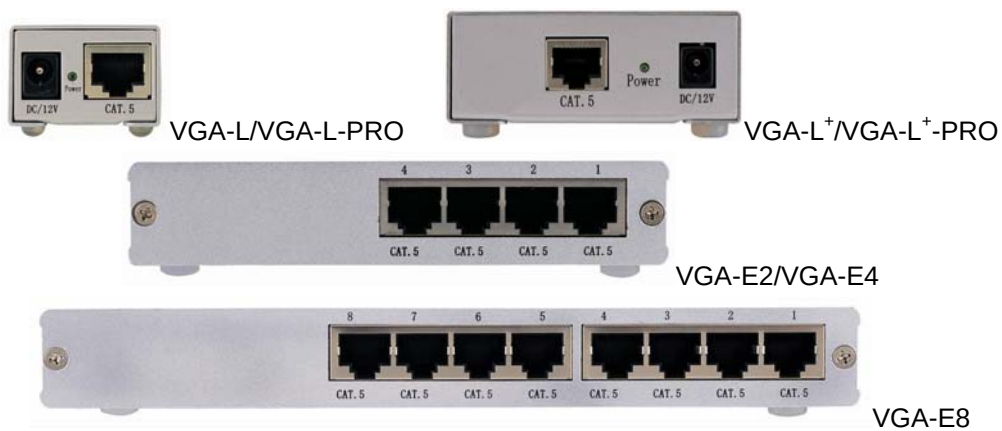
- Through the VGA Extender, you can use one PC to display identical image and extension of VGA signal up to 180/300 meter on monitors.
- Equalization length is adjustable.
- VGA signal gain is adjustable.

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	

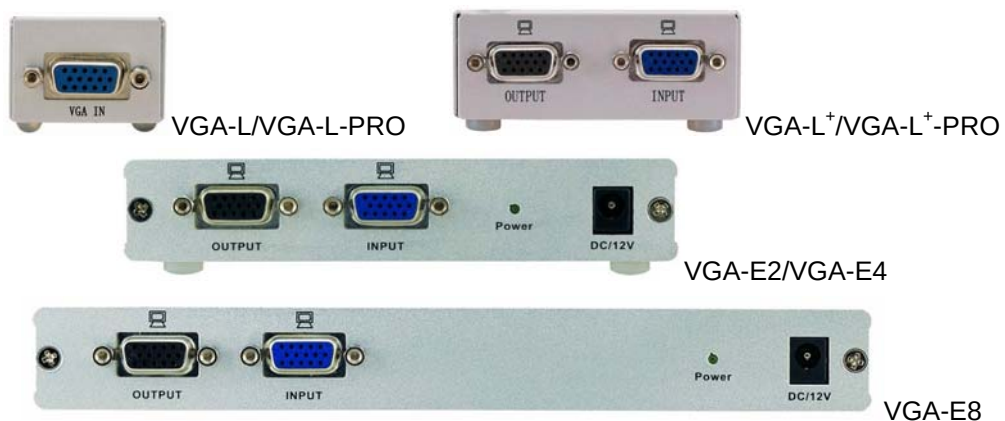
Function	VGA-L ⁺	VGA- L ⁺ -PRO	VGA-E2	VGA-E4	VGA-E8
VGA In Connector	HD-15 Female x 1				
VGA Out Connector	HD-15 Female x 1				
RJ-45 Connector	1		2	4	8
Max. Resolution	1280x1024 60Hz				
Cable Distance	180 m (Max.)	300 m (Max.)			
Power Adapter (Min.)	DC 12V 600mA				
Housing	Metal		Aluminum		
Weight	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)



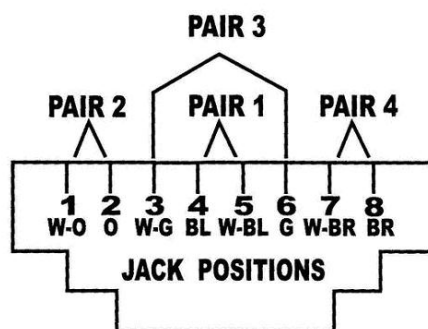
Distances and Resolutions for CAT.5/5E and CAT.6 cables

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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