

VGA EXTENDER



VGA-LDW



VGA-LDW-PRO



VGA-LDW+



VGA-LDW+-PRO



VGA-ED2W/VGA-ED4W/VGA-ED8W
(Local)



VGA-RDW



VGA-RDW-PRO

(Remote)

Package Contents for VGA-EDW

- VGA-LDW Local Unit
- VGA-RDW Remote Unit
- 1 user manual
- 2 power adapter DC 12V
- 8 foot pads
- 4 screws
- 1 VGA 1.2M cable (HD-15 Male to Male)

Package Contents for VGA-EDW-PRO

- VGA-LDW-PRO Local Unit
- VGA-RDW-PRO Remote Unit
- 1 user manual
- 2 power adapter DC 12V
- 8 foot pads
- 4 screws
- 1 VGA 1.2M cable (HD-15 Male to Male)

Package Contents for VGA-EDW⁺

- VGA-LDW⁺ Local Unit
- VGA-RDW Remote Unit
- 1 user manual
- 2 power adapter DC 12V
- 8 foot pads
- 4 screws
- 1 VGA 1.2M cable (HD-15 Male to Male)

Package Contents for VGA-EDW⁺-PRO

- VGA-LDW⁺-PRO Local Unit
- VGA-RDW-PRO Remote Unit
- 1 user manual
- 2 power adapter DC 12V
- 8 foot pads
- 4 screws
- 1 VGA 1.2M cable (HD-15 Male to Male)

Package Contents for VGA-ED2W

- VGA-ED2W Local Unit
- 1 user manual
- 1 power adapter DC 12V
- 4 foot pads
- 2 screws
- 1 VGA 1.2M cable (HD-15 Male to Male)

Package Contents for VGA-ED4W

- VGA-ED4W Local Unit
- 1 user manual
- 1 power adapter DC 12V
- 4 foot pads
- 2 screws
- 1 VGA 1.2M cable (HD-15 Male to Male)

Package Contents for VGA-ED8W

- VGA-ED8W Local Unit
- 1 user manual
- 1 power adapter DC 12V
- 4 foot pads
- 2 screws
- 1 VGA 1.2M cable (HD-15 Male to Male)

Package Contents for VGA-RDW

- VGA-RDW Remote Unit
- 1 user manual
- 1 power adapter DC 12V
- 4 foot pads
- 2 screws

Package Contents for VGA-RDW-PRO

- VGA-RDW-PRO Remote Unit
- 1 user manual
- 1 power adapter DC 12V
- 4 foot pads
- 2 screws

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.
- EDID copy from Remote to Local.

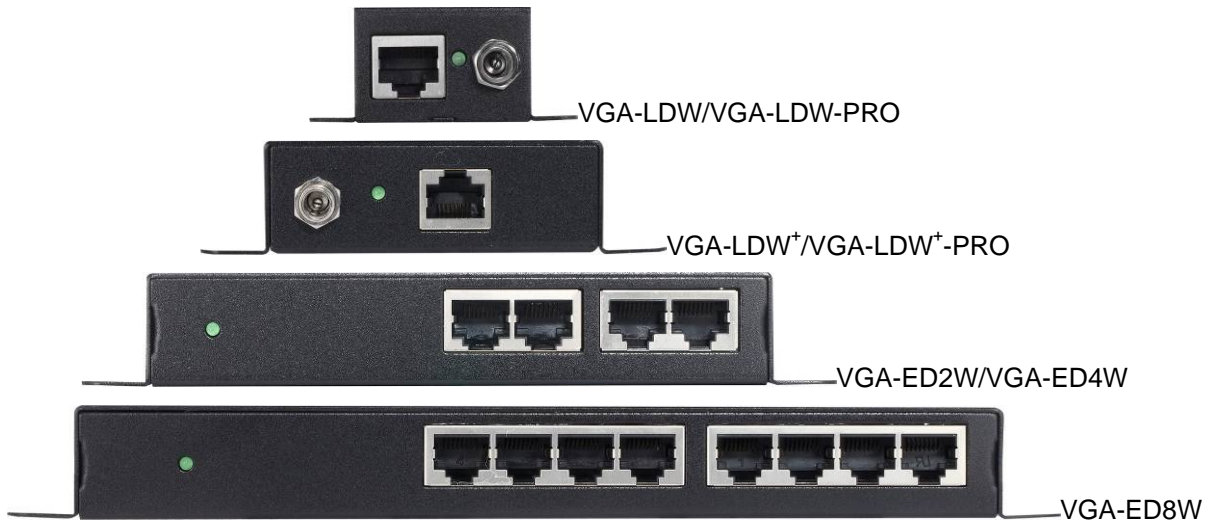
**note : VGA-ED2W/ VGA-ED4W/ VGA-ED8W only allow EDID copy from CAT.5 output port1.

Specifications

Function	VGA-LDW	VGA-RDW	VGA-LDW-PRO	VGA-RDW-PRO
VGA In/Out Connector	HD-15 Female x 1			
RJ-45 Connector	1			
Max. Resolution	Depends on remote unit	1600x1200 60Hz	Depends on remote unit	1920x1440 60Hz
Cable Distance	180 m (Max.)		300 m (Max.)	
Power Adapter (Min.)	DC 12V			
Housing	Metal			
Weight	153g	155g	153g	155g
Dimensions (LxWxH)	104*59*25mm		104*59*25mm	

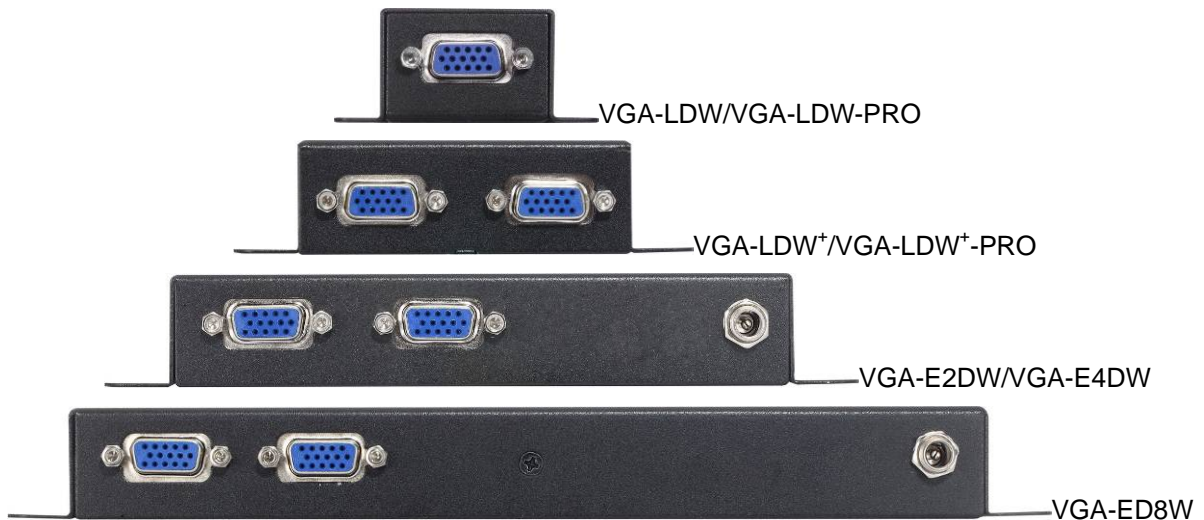
Function	VGA-LW ⁺	VGA- LW ⁺ -PRO	VGA-ED2W	VGA-ED4W	VGA-ED8W
VGA In Connector	HD-15 Female x 1				
VGA Out Connector	HD-15 Female x 1				
RJ-45 Connector	1	1	2	4	8
Max. Resolution	Depends on remote unit				
Cable Distance	180 m (Max.)	300 m (Max.)			
Power Adapter (Min.)	DC 12V				
Housing	Metal				
Weight	288g	288g	469g	481g	653g
Dimensions (LxWxH)	129x105x25 mm		171x119x25 mm		245x119x25 mm

LOCAL FRONT VIEW



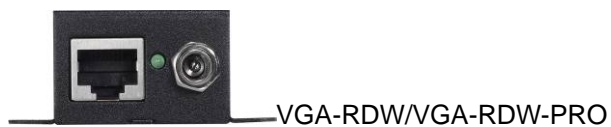
1. CAT.5 (RJ-45 Connector)
2. Power LED
3. Power jack

LOCAL REAR VIEW



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

REMOTE FRONT VIEW



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

REMOTE REAR VIEW



VGA-RDW/VGA-RDW-PRO

1. VGA Output (HD-15 Female Connector)

REMOTE TOP VIEW



VGA-RDW/VGA-RDW-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 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 on each side.
7. Turn on the monitor and PC.

Auto EDID Copy Operation

When the user reconnects the CAT.5 cable between the local and remote unit, the VGA-Extender will start to copy EDID from remote Monitor to local unit.

And local unit will save the EDID content from the remote monitor even when the VGA-Extender re-power.

The VGA-Extender will update the EDID content, when the remote monitor's EDID is different with the EDID in the memory of the VGA-Extender.

****note:** When remote unit connects a new monitor, it needs re-connect the VGA cable between the local unit and PC, so that some windows system (like Windows 7...etc) start to require the EDID content from local unit. After that, the windows update the monitor information.

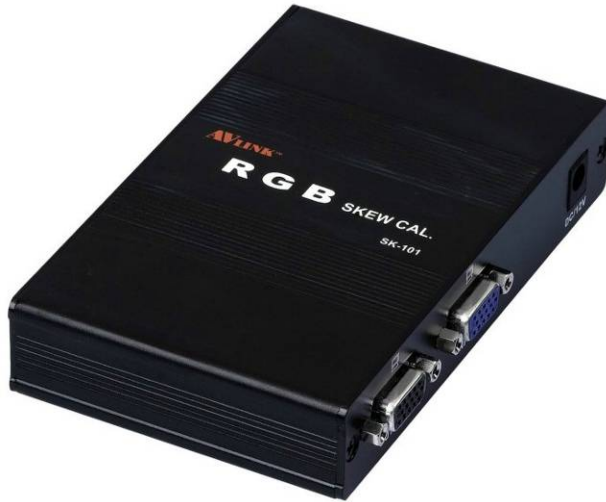
***note:** When there is no connection between the local and remote unit, the local unit will use the EDID content of the local monitor to the PC.

Additional Options

Select any additional options you may require.

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

(Item No: SK-101)



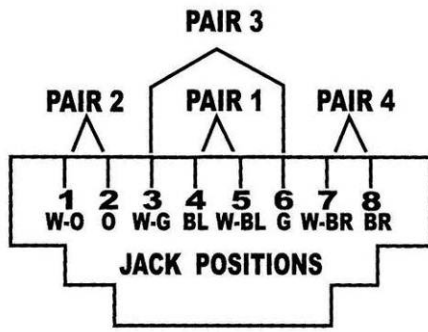
Distances and Resolutions for CAT.5/5E and CAT.6 cables

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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