



VGA EXTENDER



(Local)



(Remote)

(DC-53100)

USER MANUAL

V1.0

Package Contents-

- VGA Extender Local Unit
 - VGA Extender Remote Unit
 - 1 user manual
 - 1 power adapter DC 12V/600mA
 - 1 1.2M cable (HD-15 Male to Male)
- Anything missed, please contact your vendor.

Features

- Extends a VGA signal up to 80m over Cat 5 cable.
- Equalization length is adjustable.
- VGA signal gain is adjustable.
- Support “power over cable” technique, only one unit (Local or Remote) need to connect to power.
- Both “Local” and “Remote” can act as the PSE (power source equipment).

Specifications

Function	VGA-L80	VGA-R80
VGA In/Out Connector	HD-15 Female x 1	
RJ-45 Connector	1	
Max. Resolution	1280x1024 60Hz	
Cable Distance	80 m (Max.)	
Power Adapter (Min.)	DC 12V 600mA	
Housing	Metal	
Weight	135g	140g
Dimensions (LxWxH)	92x34x22 mm	

LOCAL FRONT VIEW



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

LOCAL REAR VIEW



1. VGA In (HD-15 Female Connector)

REMOTE FRONT VIEW



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

REMOTE REAR VIEW



1. VGA Out (HD-15 Female Connector)

REMOTE BOTTOM VIEW



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

Installation

1. Turn off the PC.
2. Connect DC-53100 Local Unit HD-15 female connector with HD-15 male to male cable from PC.
3. Connect the DC-53100 Local and Remote Unit with CAT.5 cable.
4. Connect DC-53100 Remote Unit HD-15 female connector with HD-15 male to male cable from monitor.
5. Turn on the monitor and PC.

P.S. For better video quality , we suggest connect power to “Remote” unit. When connect power to “Local” unit, due to the characteristic and quality, the transmission distances may decreases.

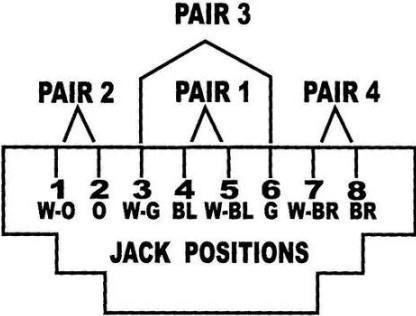
Distances and Resolutions for CAT.5/5E and CAT.6 cables

CAT.5/5E	50M	2048x1536
	80M	1280x1024
		1024x768
		800x600
CAT.6	30M	1920x1440
	50M	1280x1024
	80M	800x600

PS. We suggest to use CAT.5 cable because of 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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