SUNTRONIC
Outdoor LCD Signage

GSCAT5-AV
User Manual

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.

Package Contents:

- 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)

Specifications:

Function	GSCAT5-AV
VGA In Connector	HD-15 Female x 1
VGA Out Connector	HD-15 Female x 1
RJ-45 Connector	1
Max. Resolution	1920x1440 60Hz
Cable Distance	300 m (Max.)
Power Adapter (Min.)	DC 12V 600mA
Housing	Metal
Weight	290g
Dimensions (LxWxH) mm	118x75x29

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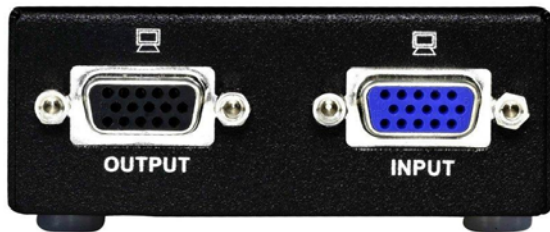## Outdoor LCD Signage

Local Front View

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

Remote Front View

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

Local Rear View

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

Remote Rear View

1. VGA Output (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 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.

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

	50M	2048x1536
CAT.5/5E	100M	1280x1024
	180M	1024x768
	200M	800x600
	300M	640x480
CAT.6	30M	1920x1440
	50M	1280x1024
	1000M	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 21	1	White-Orange
	2	Orange
Pair 3	3	White-Green
	6	Green
Pair 4	7	White-Brown
	8	Brown