# VGA EXTENDER

(Local)

(Remote)

(14.99.3431)

## USER MANUAL                    V1.0

### Package Contents-
- VGA-L80 Local Unit
- VGA-R80 Remote Unit
- 1 user manual
- 1 power adapter DC 12V/600mA
- 1 1.2M cable (HD-15 Male to Male)

Anything missed, please contact with your vendor.

## Features
- The extension of VGA signal is up to 80 meter away by using the VGA Extender and one 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 14.99.3431 Local Unit HD-15 female connector with HD-15 male to male cable from PC.
3. Connect the 14.99.3431 Local and Remote Unit with CAT.5 cable.
4. Connect 14.99.3431 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.
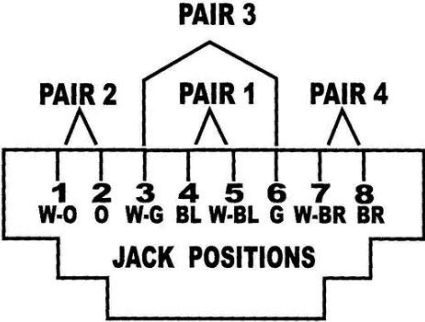
# Distances and Resolutions for CAT.5/5E and CAT.6 cables

| | | |
|---|---|---|
| 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 |