

HDTVVRP0101

## VGA UTP Extender 1X1 Splitter with Audio

Dear Customer

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

### 1.0 Introduction

This VGA UTP Extender 1X1 Splitter with Audio is an ideal device for local displaying and remote viewing. It combines split function and extension function. It distributes the input of the VGA signal and audio signal into the local and remote outputs simultaneously. Receiver by Cat5 x1 works with the Sender as a full functional module by receiving the distributed signal from the sender and transmitting to display. Only by the most inexpensive UTP cable with cross stand inside, the full functional module extend the VGA display max up to 300 meters.

It offers solutions for VGA retail and show site and Projector factory, noise, space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

### 1.1 FEATURES

This device has many features that enable it to perform in a superior manner.

Among those features you will find:

- z Extend VGA video and stereo audio signal max up to 300m over

one UTP

cable with cross stand inside

z Adjusting GAIN and PEAK to adapt for the different length of UTP cable.

GAIN: Brightness adjustment.

PEAK: Skew adjustment.

z Supports resolution max up to 1920x1200.

z Dual output at local unit: 1 x VGA output for local site, plus 1 x UTP output for remote site.

z Work with monitors projectors, HDTV, and flat panels.

## 2.0 SPECIFICATIONS

### Input /Output Connector

Input connector VGA(Female 15pin), Stereo Audio

Output connector VGA(Female 15pin),

Stereo Audio,1xRJ45

Operating Frequency

Vertical Frequency Range 60/75/85Hz

Resolutions(PC)

640X480

800X600

1024X768

1280X720

1280X768

1280X960

1280X1024

1600X900

1600X1200

1920X1080

1920X1200

Mechanical

Size of VGA UTP Extender 1X1

100×65×25.5mm

Splitter

Weight of VGA UTP Extender 1X1 208g

Splitter

Size of Receiver (L-W-H)

81.5×43×23MM

Weight of Receiver (Net) 108g

Warranty

Limited Warranty 1 Year Parts and Labor

Environmental

Operating Temperature

0°C to +70°C

Operating Humidity 10% to 85 % RH (no condensation)

Storage Temperature

-10°C to +80°C

Storage Humidity 5% to 90 % RH (no condensation)

Power Requirement

Power Supply for VGA UTP Extender 5V@2A, max 5W

1X1 Splitter

Power Supply for Receiver 5V@2A, max 5W

Regulatory Approvals

Converter Unit FCC,CE,UL

Power Supply UL,CE,FCC

Accessories Adapter

AC Power Adapter US standard, UK standard and so on

User Manual English Version

Note: Specifications are subject to change without notice.

### 3.0 PACKAGE CONTENTS

Before attempting to use this unit, please check the packaging and make sure the

following items are contained in the shipping carton:

- 1) VGA UTP Extender 1X1 Splitter
- 3) One Receiver
- 4) Two pieces of 5V@2A DC Power Supply.

### 5.0 CONNECTION AND OPERATION

- 1) Connect the single VGA source to the main VGA input using a

piece of VGA  
cable.

2) Connect VGA output of the Sender to a local display and Audio  
output of the

Sender to a local Sounder

3) Connect Sender and each Receiver using a piece of each pieces  
of CAT-5e/6

4) Connect VGA outputs of Receivers to remote displays and  
Audio output of

Receivers to remote sounders.

5) Plug one 5V@ 2A power supply into the VGA UTP 1X1Splitter  
and the others

5V@2A power suppliers to Receiver.

Attention: Insert / Extract cable gently