



## VGA UTP EXTENDER 2-PORT WITH AUDIO



### Quick Installation Guide

DS-53420

## **INTRODUCTION**

This VGA UTP Extender 1X2 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 two identical outputs simultaneously. Each receiver by Cat5 x1 works with the Sender as a full functional module by receiving the distributed signal from the sender and transmitting to displays individually. 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.

## **FEATURES**

This device has many features that enable it to perform in a superior manner. Among those features you will find:

- Extend VGA video and stereo audio signal up to 300m over one UTP cable
- Adjusting GAIN and PEAK to adapt for the different length of UTP cable.  
GAIN: Brightness adjustment.  
PEAK: Skew adjustment.
- Supports resolution of up to 1920 x 1200.
- Dual output at local unit: 1 x VGA output for local site, 2 x UTP output for remote site.
- Work with monitors, projectors, HDTV, and flat panels.

## **PACKAGE CONTENTS**

Before attempting to use this unit, please check the packaging and make sure the following items are contained in the shipping carton:

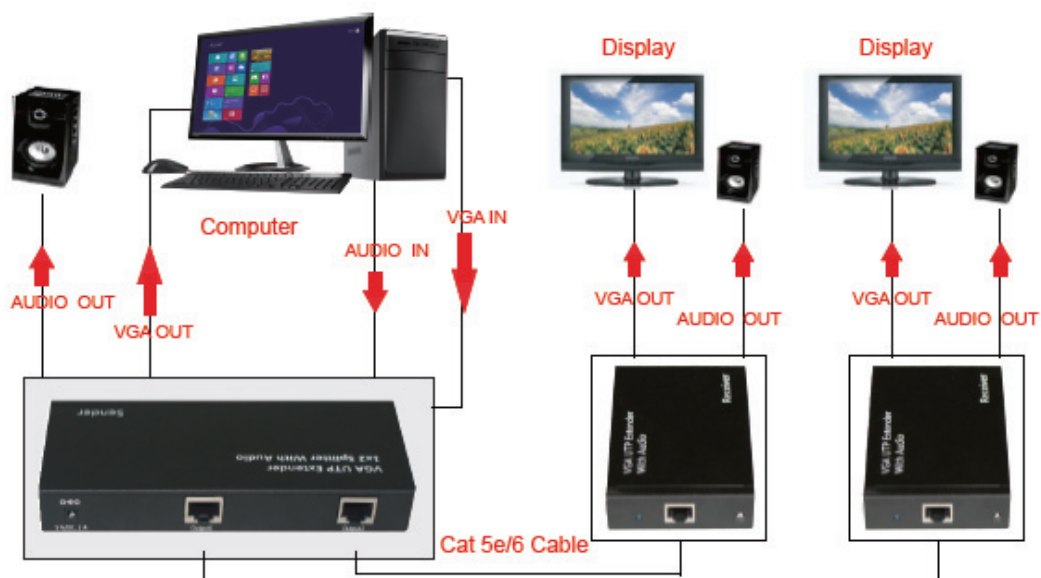
- 1) 1 x VGA UTP Extender 1X2 Splitter
- 2) 1 x User's Manual
- 3) 1 x VGA UTP Extender Receiver Unit
- 4) 2 x 5V / 2A DC Power Supply

## CONNECTION AND OPERATION

- 1) Connect the VGA source to the main VGA input using a VGA cable.
- 2) Connect VGA output of the Sender to a local display
- 3) Connect Sender and Receiver using a CAT-5e/6 cable
- 4) Connect VGA output of Receiver to remote display
- 5) Plug the 5V@2A power supply into the Sender and the other 5V@2A power supply into the Receiver
- 6) Optional connect Audio to Sender and Receiver side

Attention: Insert / Extract cable gently.

## CONNECTION DIAGRAM



## SPECIFICATIONS

Input /Output Connector	
Input connector	VGA(Female 15pin), Stereo Audio
Output connector	VGA(Female 15pin), Stereo Audio,4xRJ45
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 1X2 Splitter	154×69×23mm
Size of Receiver (L-W-H)	110×75×25mm
Environmental	
Operating Temperature	0℃ to +70℃
Operating Humidity	10% to 85 % RH (no condensation)
Storage Temperature	-10℃ to +80℃
Storage Humidity	5% to 90 % RH (no condensation)
Power Requirement	
Power Supply for VGA UTP Extender 1X2 Splitter	5V@2A
Power Supply for Receiver	5V@1A

Note: Specifications are subject to change without notice.