

**RoHS  
Compliant**



## Description

This VGA UTP Extender 1X8 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 eight 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

- Extends VGA video and stereo audio signal max up to 300m over one UTP cable with cross stand inside.
- Adjusting GAIN and PEAK to adapt for the different length of UTP cable.  
GAIN: Brightness adjustment.  
PEAK: Skew adjustment.
- Supports resolution max up to 1920x1200.
- Dual output at local unit: 1 x VGA output for local site, plus 8 x UTP output for remote site.
- Works with monitors, projectors, HDTV, and flat panels.

## Specifications

Input /Output Connector	
Input connector	VGA(Female 15pin), Stereo Audio
Output connector	VGA(Female 15pin), Stereo Audio, 8xRJ45
Operating Frequency	
Vertical Frequency Range	60/75/85Hz
Resolutions (PC)	640X480 800X600 1024X768 1280X720 1280X768 1280X960 1280X1024 1600X900 1600X1200 1920X1080 1920X1200

<b>Input/Output connector</b>	
Size of VGA UTP Extender 1×8 Splitter	266mm×115mm×32mm
Weight of VGA UTP Extender 1×8 Splitter	840g
Size (L×W×H)	81.5mm×43mm×23mm
Weight (Net)	108g
<b>Environmental</b>	
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)
<b>Power Requirement</b>	
Power Supply for VGA UTP Extender 1×8 Splitter	5V @ 2A, max 10W
Power Supply for Receiver	5V @ 2A, max 5W
<b>Warranty</b>	
Limited Warranty	12 Months
<b>Regulatory Approvals</b>	
Converter Unit	FCC, CE, UL
Power Supply	UL, CE, FCC
<b>Accessories Adapter</b>	
AC Power Adapter	US standard, UK standard and so on
User Manual	English Version

## 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 the 5V@ 4A power supply into the VGA UTP 1X8 Splitter and 5V@2A power suppliers to each Receiver individually.

## Part Number Table

Description	Part Number
VGA UTP Extender 1×8 Splitter with Audio over Cat5	PSG03505

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