

VGA and Audio over Cat5 - UTPEA Series

CONVERGEAV

Converge A/V by Startech.com introduces a new line of products to help you simplify and lower your costs when implementing digital signage solutions. The UTPEA series offers VGA and Audio over Cat5, as well the ability to easily expand for larger digital signage rollouts. If you have a PC or media player ready to narrowcast messages to your target audience, simply connect one of our VGA over Cat5 extenders.

The newest line of VGA and Audio over Cat5 extenders from Converge A/V offer what you need for now and the flexibility to add more displays in the future! The UTPEA series offers 4 and 8 Port VGA and Audio extenders/splitters that connect to multiple displays from a single source (PC / Media Player). The VGA video and accompanying audio signals are sent to remote units (STUTPEALR, see reverse) over standard Category 5 UTP cable (CAT 5e recommended) at distances of up to 300m / 950ft away from the source signal. Each remote unit then converts and separates the VGA and audio signals for presentation on the intended displays and audio devices.

This versatile product line also offers simple expansion using the STUTPEA4X Line Splitter/ Repeater (see reverse), allowing you to turn the 4 port broadcaster (ST124UTPEA) into a 16 port solution and the 8 port broadcaster (ST128UTPEA) into a 32 port broadcaster.

Applications

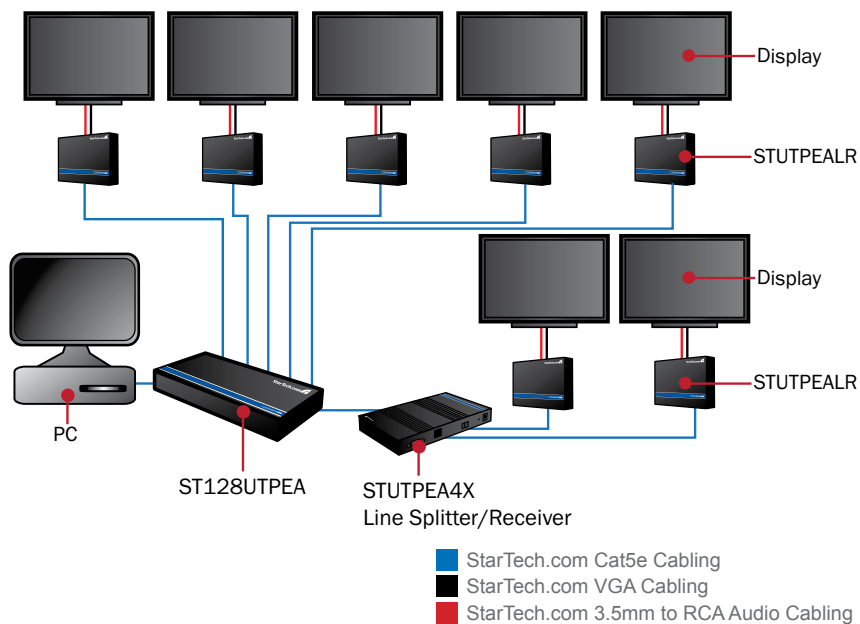
- Allow Converge A/V to provide you with easy to use digital signage hardware solutions. Ensure your target audience is viewing eye-catching content at the distance and resolutions you require.
- Digital Signage in Education, Retail, Hospitality, Healthcare, Corporate, Government, and Transportation

Accessories and FAQ's

- See reverse for accessories and FAQ's



Solution Diagram



VGA and Video over Cat5 - UTPEA Series



ST128UTPEA



ST128UTPE

UTPEA Series (with audio)

Description	Audio	SKU
VGA Video and Audio over Cat5 UTP Extender - 4 Ports	Yes	ST124UTPEA
VGA Video and Audio over Cat5 UTP Extender - 8 Ports	Yes	ST128UTPEA
VGA and Audio Cat5 UTP Long Range Receiver	Yes	STUTPEALR
VGA Video and Audio over Cat5 UTP Line Splitter - 4 Ports	Yes	STUTPEA4X

UTPE Series (no audio)

Description	Audio	SKU
Converge A/V 4 Port VGA over Cat5 UTP Extender	No	ST124UTPE
VGA Video and Audio over Cat5 UTP Extender - 8 Ports	No	ST128UTPE
VGA and Audio Cat5 UTP Long Range Receiver	No	STUTPRXL
Line splitter not available for UTPE series	-	-

Accessories

See our full line of CAT5e cables



**100 ft Molded Category 5e (350 MHz)
 UTP Patch Cable**
 M45PATCH100
 Available in multiple colours



**1000 ft Bulk Category 5e (350 MHz)
 Stranded UTP Patch Cable - by the Roll**
 W1RRJ45
 Available in multiple colours



**6 ft. PC to Stereo Component Cable
 3.5mm Male to 2x RCA Male**
 MU6MMRCA

Questions to consider before purchasing a VGA over Cat5 distribution system:

1. Resolution and signal quality at long distances?

The UTPEA series can support a resolution of 1024x768 at maximum distance up to 300m / 950ft and higher resolutions at lower distances.

2. Looking for long range extension but don't have the budget to be using networked or IP based solutions?

CAT 5 extenders are a stand-alone, point-to-point content distribution system and do not require any other equipment aside from a PC/Media Player and the displays to deliver content to your target audience.

3. Are your displays on different floors or different rooms in a building?

It is far easier to run CAT 5 cabling than it is VGA Cables, through walls and to different levels in buildings. CAT 5 cables can be terminated on site, whereas VGA cables can not.

4. Are any of your displays located further than 50m / 150ft away?

If any displays are further than 50m / 150ft away it is recommended to use a CAT5 extension system. VGA cables can be costly and lack the capability to deliver the quality needed for most applications.