

## **VGA Video Extender over Cat 5 with RS232**

*StarTech ID: ST121UTP232*



This VGA over Cat 5 Video Extender extends VGA video and RS-232 data signals over cost effective CAT5 cable instead of bulky VGA and serial cable.

Comprised of a transmitter and receiver unit, the VGA and RS-232 extender is ideal for home or commercial applications as a smart, fast and cost-effective VGA extension solution.

Now, you can broadcast video and control a projector or any other RS-232 devices from a single remote location, making this extender the perfect solution for touch screen or auto control equipment applications.

### **Applications**

- Security (access keypads, card scanners, home security systems)
- Healthcare (monitor and control medical equipment)
- Traffic Flow Management (air traffic control, expressway flow)
- Ideal for industrial sites with harsh environments
- Ideal for remote display applications in financial, educational, and business sectors
- Sending Video images and serial data to a projector and controlling it from your desk

## Features

- Send VGA and RS232 Data over one CAT5 UTP cable to instead of VGA cable and data cable
- Dual output at transmitter: 1 VGA output for local, plus 1 Cat5 RJ45 output for remote side
- Supports up to 1600x1200 @85Hz
- Long range transmission up to 300 meters (Max.)
- Each set including transmitter and receiver

**Technical Specifications**

Warranty	2 Years
Color	Black
Enclosure Type	Steel
Product Height	1.7 in [44 mm]
Product Length	5.2 in [133 mm]
Product Weight	49.4 oz [1400 g]
Product Width	3 in [76 mm]
Audio	No
Cabling	Cat 5 UTP or better
Daisy-Chain	No
Ports	1
Frequency Range	Horizontal: 30-95KHz Vertical: 50-180Hz
Max Distance	300 m / 950 ft
Maximum Analog Resolutions	1600x1200 @ 85Hz
Supported Resolutions	1600x1200 max
Local Unit Connectors	1 - DB-9 (9 pin; D-Sub) Female
Local Unit Connectors	1 - RJ-45 Female
Local Unit Connectors	2 - VGA (15 pin; High Density D-Sub) Female
Remote Unit Connectors	1 - DB-9 (9 pin; D-Sub) Male
Remote Unit Connectors	1 - RJ-45 Female
Remote Unit Connectors	1 - VGA (15 pin; High Density D-Sub) Female
<b>Note</b>	Sync Signal H/V Separated (TTL)
Center Tip Polarity	Positive
Input Voltage	115 AC
Output Current	2A
Output Voltage	5 DC
Plug Type	N
Power Source	2 AC Adapters Included
Humidity	0~95% RH
Operating Temperature	0°C to 55°C (32°F to 131°F)
Storage Temperature	-20°C to 85°C (-4°F to 185°F)
Shipping (Package) Weight	3.2 lb [1.5 kg]
Included in Package	1 - CAT5 VGA & RS232 Transmitter

Included in Package	1 - CAT5 VGA & RS232 Extender Receiver
Included in Package	2 - RJ45 Coupler
Included in Package	2 - Package of 4 rubber stoppers
Included in Package	2 - 12V DC, 500mA Power Adapters
Included in Package	1 - User Manual

## Certifications, Reports and Compatibility

