

Serial DB9 RS232 Extender over Cat 5 - Up to 3300 ft (1000 meters)

StarTech ID: RS232EXTC1GB



The RS232EXTC1GB Serial over Cat 5 Extender allows you to increase the distance of your RS232 Serial connection by up to 1000 meters (3300 feet), giving you the ability to connect serial peripheral devices up to a kilometer away from your system - an incredible 65x greater than normal RS232 serial cable length restrictions would permit.

The Extender is a cost-effective serial extension solution and completely hardware-based, eliminating the need to install additional software, allowing for a completely plug and play installation. The hardware can be setup in minutes, using existing or new Cat 5 or better Ethernet cabling.

Perfect for use in industrial monitoring and control, POS, security, medical, and traffic flow applications, the RS232 Serial over Cat 5 extender maintains the RS232 standard with support for data transfer rates of up to 230 Kbps.

Backed by a StarTech.com 2-year warranty and free lifetime technical support.

Applications

- Industrial applications include controlling CNC machinery, polling bar code scanner data, administering process control equipment, weigh stations, and other manufacturing applications
- Monitor and control medical equipment, security keypads/card scanners, point of sale equipment and remote sensor data, and various other healthcare related serial communications
- Extend connectivity to Point of Sale card swipe devices, bar code scanners, scales, receipt printers or cash register displays
- Remotely poll data from access keypads, card scanners, camera installations or home security systems
- Remote sensor monitoring for traffic flow management (air traffic control, expressway flow)

Features

- Extend RS232 up to 1000m / 3300ft
- Data transfer rates of up to 230 Kbps
- Compatible with all RS232 communications
- Employ existing Cat5, 5e, 6 or better Ethernet infrastructure to remotely connect serial devices
- Supports full-duplex data communication
- Compact design
- No driver software required for easy Plug-and-Play installation

Technical Specifications

Warranty	2 Years
Ports	1
Cabling	Cat 5 UTP
Local Unit Connectors	1 - DB-9 (9 pin; D-Sub) Female
Local Unit Connectors	1 - RJ-45 Female
Remote Unit Connectors	1 - DB-9 (9 pin; D-Sub) Male
Remote Unit Connectors	1 - RJ-45 Female
Maximum Data Transfer Rate	115.2Kbps
OS Compatibility	OS independent
System and Cable Requirements	Cat5 RJ45 cabling required
Color	Silver
Enclosure Type	Steel
Product Length	92 mm [3.6 in]
Product Width	34 mm [1.3 in]
Product Height	22 mm [0.9 in]
Product Weight	65 g [2.3 oz]
Input Voltage	240 AC
Input Current	55mA
Output Voltage	9 DC
Output Current	0.3A
Center Tip Polarity	Positive
Plug Type	M
Operating Temperature	0°C to 70°C (32°F to 158°F)
Storage Temperature	0°C to 85°C (32°F to 185°F)
Humidity	0% to 95%
Shipping (Package) Weight	1 kg [2.2 lb]
Included in Package	1 - RS232 Extender Local Unit
Included in Package	1 - RS232 Extender Remote Unit
Included in Package	1 - 20cm Null Modem cable (DB-9 Male to Male)
Included in Package	2 - Power Adapter
Included in Package	1 - User Manual

Certifications, Reports and Compatibility



Operating System
Independent

 **RoHS Compliant**
Available