

RS232 Serial over Cat5 Extender, 1 km (3300 ft) Range, Plug & Play, No Software, DB9 Serial Extension - TAA

Product ID: RS232EXTC1



The RS232EXTC1 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.

Certifications, Reports and Compatibility



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 OVER CAT 5:** Connect serial equipment far beyond standard cable limits using Cat5 or better; Ideal for secure, remote setups in IT-managed environments
- **NO DRIVERS OR SOFTWARE REQUIRED:** Enjoy a true plug-and-play experience with a pure hardware design that needs no drivers or setup software; For fast installs and low-maintenance deployments
- **SUPPORT CRITICAL APPLICATIONS:** Maintain consistent, standards-based data transmission in environments like CNC control, medical monitoring, POS systems, and industrial automation
- **RELIABLE FULL-DUPLEX COMMUNICATION:** Supports full-duplex RS232 data transmission with engineering-grade reliability and compatibility across both legacy systems and modern infrastructure
- **THE IT PRO'S CHOICE:** Designed for reliability in edge and on-prem deployments, our solutions are lab-tested and field-proven for seamless integration and maximum uptime; Backed by free lifetime 24/5 multi-lingual technical assistance

Hardware

Warranty	2 Years
Ports	1
Cabling	Cat 5 UTP

Performance

Maximum Data Transfer Rate	230 Kbps
Max Distance	1 km (0.6 mi)

Connector(s)

Local Unit Connectors	1 - DB-9 (9 pin, D-Sub)
	1 - RJ-45
Remote Unit Connectors	1 - DB-9 (9 pin, D-Sub)

1 - RJ-45

Software

OS Compatibility	OS independent
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Special Notes / Requirements

System and Cable Requirements	Cat5 RJ45 cabling required
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Power

Power Source	2 AC Adapters Included
Input Voltage	100 - 240 AC
Input Current	55mA
Output Voltage	9V DC
Output Current	0.3A
Center Tip Polarity	Positive
Plug Type	M
Power Consumption (In Watts)	2.7

Environmental

Operating Temperature	0C to 70C (32F to 158F)
Storage Temperature	0C to 85C (32F to 185F)
Humidity	0% to 95%

Physical Characteristics

Color	Silver
Material	Steel
Product Length	3.6 in [9.2 cm]
Product Width	1.3 in [3.4 cm]
Product Height	0.9 in [2.2 cm]

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