

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

**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 up to 1000m / 3300ft
- Data transfer rates of up to 230Kbps
- Compatible with all RS232 communications
- Employ existing Cat 5, 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

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### Hardware

Warranty	2 Years
Ports	1
Cabling	Cat 5 UTP

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### Performance

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

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### 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

<b>Software</b>	OS Compatibility	OS independent
<b>Special Notes / Requirements</b>	System and Cable Requirements	Cat5 RJ45 cabling required
<b>Power</b>	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
<b>Environmental</b>	Operating Temperature	0C to 70C (32F to 158F)
	Storage Temperature	0C to 85C (32F to 185F)
	Humidity	0% to 95%
<b>Physical Characteristics</b>	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]
	Weight of Product	9.6 oz [273.0 g]
<b>Packaging</b>		

## Information

Package Quantity	1
Package Length	5.6 in [14.2 cm]
Package Width	12.5 in [31.8 cm]
Package Height	2.4 in [6.0 cm]
Shipping (Package) Weight	1.5 lb [0.7 kg]

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## What's in the Box

Included in Package	1 - RS232 Extender Local Unit
	1 - RS232 Extender Remote Unit
	1 - 20cm Null Modem cable (DB-9 Male to Male)
	2 - Power Adapter
	1 - User Manual

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***\*Product appearance and specifications are subject to change without notice.***