

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

**Product 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.

## 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 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

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### Hardware

Warranty	2 Years
Ports	1
Cabling	Cat 5 UTP

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### Performance

Maximum Data Transfer Rate	115.2Kbps
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### Connector(s)

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

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### 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

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## Environmental

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

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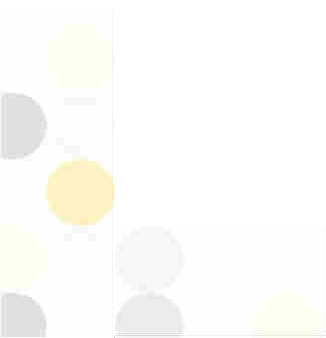
## Physical Characteristics

Color	Silver
Material	Steel
Product Length	3.6 in [92 mm]
Product Width	1.3 in [34 mm]
Product Height	0.9 in [22 mm]
Weight of Product	2.3 oz [65 g]

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## Packaging Information

Package Length	12.4 in [31.5 cm]
Package Width	2.2 in [57 mm]
Package Height	5.4 in [13.8 cm]
Shipping (Package) Weight	35.3 oz [1000 g]



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**What's in the Box**

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

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

