

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 |
| | Cabling | Cat 5 UTP |
| | Ports | 1 |
| Performance | Max Distance | 1 km (0.6 mi) |
| | Maximum Data Transfer Rate | 230 Kbps |
| Connector(s) | Local Unit Connectors | 1 - DB-9 (9 pin, D-Sub) Female |
| | | 1 - RJ-45 Female |
| | Remote Unit Connectors | 1 - DB-9 (9 pin, D-Sub) Male |
| | | 1 - RJ-45 Female |
| Software | OS Compatibility | OS independent |
| Special Notes / Requirements | System and Cable Requirements | Cat5 RJ45 cabling required |
| Power | Center Tip Polarity | Positive |
| | Input Current | 55mA |
| | Input Voltage | 100 - 240 AC |
| | Output Current | 0.3A |
| | Output Voltage | 9 DC |
| | Plug Type | M |
| | Power Consumption (In Watts) | 2.7 |
| | Power Source | 2 AC Adapters Included |
| Environmental | Humidity | 0% to 95% |
| | Operating Temperature | 0°C to 70°C (32°F to 158°F) |
| | Storage Temperature | 0°C to 85°C (32°F to 185°F) |
| Physical Characteristics | Color | Silver |
| | Enclosure Type | Steel |
| | Product Height | 0.9 in [2.2 cm] |
| | Product Length | 3.6 in [92 mm] |
| | Product Width | 1.3 in [34 mm] |
| | Weight of Product | 9.6 oz [273 g] |
| Packaging Information | Package Height | 2.4 in [60 mm] |
| | Package Length | 5.6 in [14.2 cm] |

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| | Package Width | 12.5 in [31.8 cm] |
| | Shipping (Package) Weight | 23.7 oz [672 g] |
| 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 |

Product appearance and specifications are subject to change without notice.