

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

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 |
|------------------|----------------|

Special Notes / Requirements

| | |
|-------------------------------|----------------------------|
| System and Cable Requirements | Cat5 RJ45 cabling required |
|-------------------------------|----------------------------|

Power

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|------------------------------|------------------------|
| 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] |
| Weight of Product | 9.6 oz [273.0 g] |

Packaging

Information

| | |
|---------------------------|-------------------|
| Package Quantity | 1 |
| Package Length | 12.4 in [31.6 cm] |
| Package Width | 5.7 in [14.4 cm] |
| Package Height | 2.3 in [5.8 cm] |
| Shipping (Package) Weight | 1.5 lb [0.7 kg] |

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.***