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

Product ID: RS232EXTC1EU

The RS232EXTC1EU 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 Serial Extender is a cost-effective serial extension solution and entirely 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 communication distance up to 1000m / 3300ft

• Data transfer rates of up to 230Kbps

• 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

Hardware		
	Warranty	2 Years
	Ports	1
	Cabling	Cat 5 UTP

Performance		
	Maximum Data Transfer Rate	115.2 Kbps
	Max Distance	1 km (0.6 mi)

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

Software		
	OS Compatibility	OS independent

Special Notes / Requirements		
	System and Cable	Cat5 RJ45 cabling required
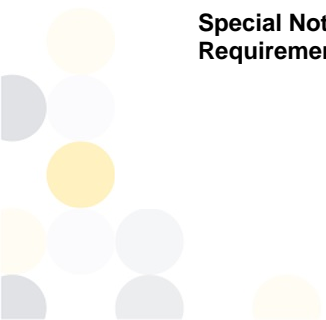
Requirements

Power

Power Source	2 AC Adapters Included
Input Voltage	100 - 240 AC
Input Current	55mA
Output Voltage	9V DC
Output Current	1A
Center Tip Polarity	Positive
Plug Type	M
Power Consumption (In Watts)	9

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 [92 mm]
Product Width	1.3 in [34 mm]
Product Height	0.9 in [22 mm]
Weight of Product	2.3 oz [65 g]

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]

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

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