

ESP211-232

RS-232 to Ethernet Mini Serial Server

- ✓ **Low Cost – Great for Basic Applications**
- ✓ **Easy to Use and Configure – Software Included**
- ✓ **Compact – Fits in your Hand**
- ✓ **Fast – RS-232 Data Rates up to 230 Kbps**

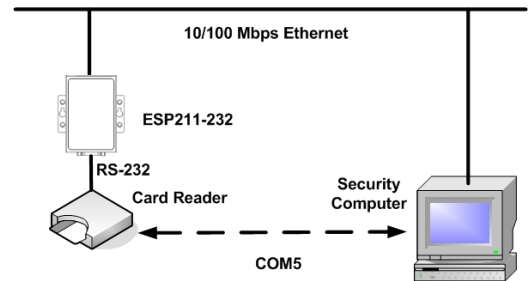


This ultra-compact RS-232 to Ethernet converter will fit almost anywhere. Measuring only 5.1 x 7.6 x 2.5 cm (2.0 x 3.0 x 1.0 inches), it easily connects legacy or new serial devices to your Ethernet network. Installation and configuration is quick and easy with the VLinX™ Manager Software provided on CD ROM. The software is compatible with Window 2000, 2003 Server, XP, and Vista. It is powered from a 12 VDC power supply (included with the unit). Power supply options for US, UK, and EU are available. With three operating modes to select from; Virtual COM Port, Straight IP, & Paired, you can easily network enable any RS-232 device.

- IEEE 802.3U 10/100BaseT, auto-detecting
- TCP Server, TCP Client, or UDP
- Direct IP, Paired, or Virtual COM
- TCP Probe – Automatically restores connection in Virtual COM mode
- RS-232 data rates up to 230 Kbps
- Power Supply Included

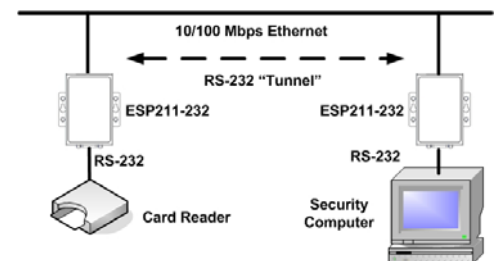
Virtual COM Port

Serial Devices are seen as a Virtual COM Port



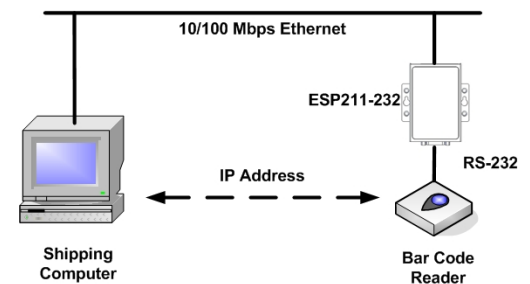
Paired Mode

Allows Serial Devices to Communicate with each other by "tunneling" through the Ethernet



Direct IP

Allows communication with serial device as if it where network enabled



Specifications

Serial Interface		Power	
Connector	DB9 Male (DTE)	ESP211-232	Power Adapter Included
Protocol	RS-232		12 VDC, US Plug
Data Rate	Up to 230.4 Kbps		Input, 100 to 240 VAC, 47 to 63 Hz
Flow Control	None, RTS/CTS, XON/XOFF		North American Plug
Ethernet			Output 12 VDC, 0.5 mm Barrel Plug, center positive
Standard	IEEE 802.3u, 10/100 BaseT	ESP211-232-UK	Same except UK Plug
	Auto detecting, Auto MDI/MDIX	ESP211-232-EU	Same except EU Plug
Protocols	TCP, UDP, IP, ARP, ICMP, HTTP, Telnet, DHCP	Regulatory Approvals	
Communication Type	TCP Server/Client, UDP UDP Multicast	FCC	Part 15 Class A
	Straight IP, Paired, Virtual COM Port	CE	DoC Available for Download
Security	Password, IP Address Filtering	Ordering Information	
Operating System	Windows 2000, 2003 Server XP and Vista	ESP211-232	RS-232 to Ethernet Serial Server North American Version
		ESP211-232-UK	UK Version
		ESP211-232-EU	EU Version
Mechanical		Accessory Items (not included)	
Enclosure	IP 30, Metal	C5UMB3FBG	UTP Ethernet Cable, 3 ft
Dimensions	3.3 x 2.9 x 0.9 in (8.4 x 7.4 x 2.3 cm)	9PAMF6	RS-232 Cable, DB9 M / DB9 F, 6 ft
Op Temp	0 to 131 F (0 to 55 C)	232NM9FF6	RS-232 Null Modem Cable, DB9F / DB9 F 6 ft
Storage Temp	-4 to 185 F (-20 to 85 C)		DIN Rail Mounting Kit
Op Humidity	0 to 95% Non-condensing	DRAD35	
MTBF	193000 hours		
MTBF Calc. Method	Parts Count Reliability Prediction		

