

ESP211-xxx-xx

RS-232/422/485 to Ethernet Mini Serial Server

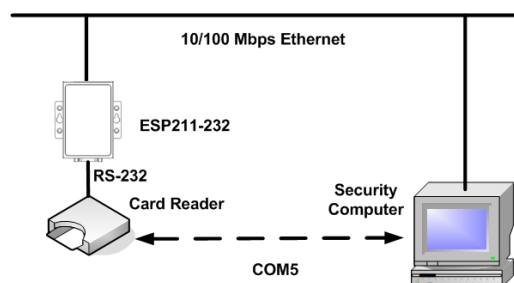
- ✓ **Low Cost – Great for Basic Applications**
- ✓ **Easy to Use and Configure – Software Included**
- ✓ **Compact – Fits in your Hand**
- ✓ **Data Rates up to 230 Kbps**
- ✓ **Three Versions –**
 - **MEI (RS-232/422/485) with DB9**
 - **RS-232 with DB9**
 - **RS-422/485 With Terminal Block**

This ultra-compact RS-232/422/485 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), is 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-232/422/485 device. RS-485 supports both 2-Wire and 4-Wire modes.

- 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
- Data rates up to 230 Kbps

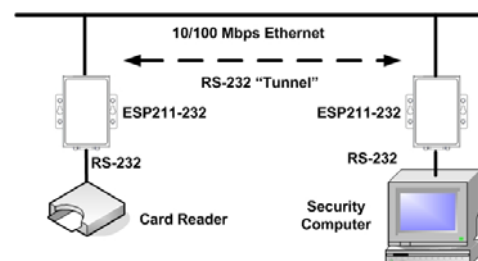


Virtual COM Port
Serial Devices are seen as a
Virtual COM Port



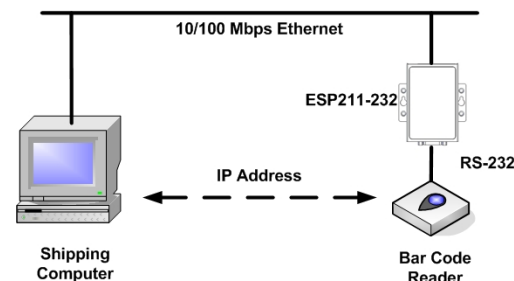
Paired Mode

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-xxx	Power Adapter Included
Protocol	RS-232, RS-422, RS-485 2-Wire, RS-485 4-Wire		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 or XON/XOFF		North American Plug
			Output 12 VDC, 0.5 mm Barrel
Ethernet			Plug, center positive
Standard	IEEE 802.3u, 10/100 BaseT	ESP211-xxx-UK	Same except UK Plug
	Auto detecting, Auto MDI/MDIX	ESP211-xxx-EU	Same except EU Plug
Protocols	TCP, UDP, IP, ARP, ICMP, HTTP, Telnet, DHCP		
Communication Type	TCP Server/Client, UDP UDP Multicast		
	Straight IP, Paired, Virtual COM Port		
Security	Password, IP Address Filtering		
Operating System	Windows 2000, 2003 Server XP and Vista		
Mechanical		Regulatory Approvals	
Enclosure	IP 30, Metal	FCC	Part 15 Class A
Dimensions	3.3 x 2.9 x 0.9 in (8.4 x 7.4 x 2.3 cm)	CE	DoC Available for Download
Op Temp	32 to 131 F (0 to 55 C)	Ordering Information	
Storage Temp	-4 to 185 F (-20 to 85 C)	ESP211	MEI, North American Version
Op Humidity	0 to 95% Non-condensing	ESP211-EU	MEI, European Version
MTBF	193000 hours	ESP211-UK	MEI, UK Version
MTBF Calc. Method	Parts Count Reliability Prediction	ESP211-232	RS-232, North American Version
		ESP211-232-EU	RS-232, European Version
		ESP211-232-UK	RS-232, UK Version
		ESP211-485	RS-422/485 North American Version
		ESP211-485-EU	RS-422/485, European Version
		ESP211-485-UK	RS-422/485, UK Version
		Accessory Items (not included)	
		C5UMB3FBG	UTP Ethernet Cable, 3 ft
		9PAMF6	RS-232 Cable, DB9 M / DB9 F, 6 ft
		232NM9FF6	RS-232 Null Modem Cable, DB9F / DB9 F 6 ft
		DRAD35	DIN Rail Mounting Kit

