

Serial to Ethernet Converter with Wi-Fi communication

SSE232-LE-WIFI



The **SSE232-LE-WIFI** is a device designed to facilitate the integration of equipment with RS232/485 communication ports into Ethernet TCP/IP and Wi-Fi networks in a completely transparent manner. This product is ideal for environments where connectivity and reliability are essential.

The converter can be used through the following methods:

- A SCADA Software
- A Custom TCP Software
- The Original Software of the device to be connected + a COM Port Redirector

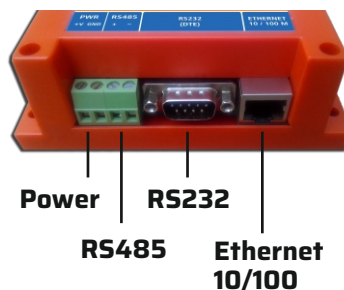
GENERAL FEATURES

- **1 Wi-Fi Port with an internal antenna**
- 1 Ethernet 10/100 Base-T Port
- 1 Serial Port (RS232 or RS485)
- Suitable for DIN rail or flat surface mounting
- Easy password-protected configuration via Web browser
- Web-based monitoring and operational statistics
- Automatic recovery in case of communication loss
- SNMP trap sending for event notifications
- Wide power supply range: +10 to +30V DC

MODES OF USE

- Connection with Serial Port Redirector
- Point-to-Point TCP Tunnel
- Point-to-Point UDP Tunnel
- Point-to-Multipoint UDP Tunnel
- Multipoint UDP Tunnel

CONNECTIONS



Remote Monitoring

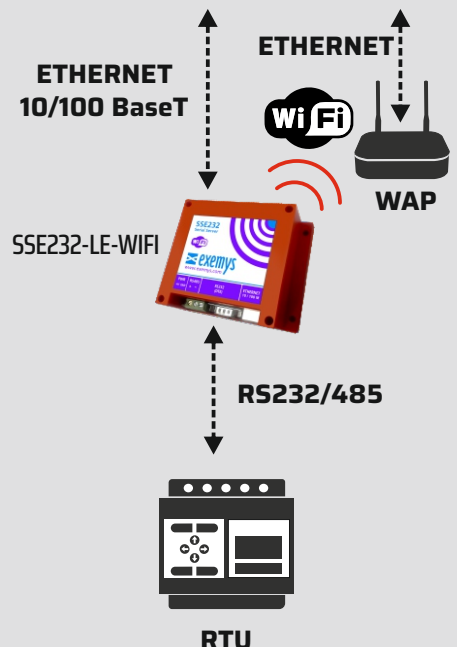


Can be used through:

- SCADA Software
- Custom TCP Software
- Original Equipment Soft + COM Port Redirector Soft

ETHERNET
10/100 BaseT

ETHERNET NETWORK



For pricing or any further information, please contact Omni Instruments Ltd.



Measurement and data acquisition solutions

Contact Details:

Tel: +44 1382 443000
Email: info@omni.uk.com

Website: www.omniinstruments.co.uk

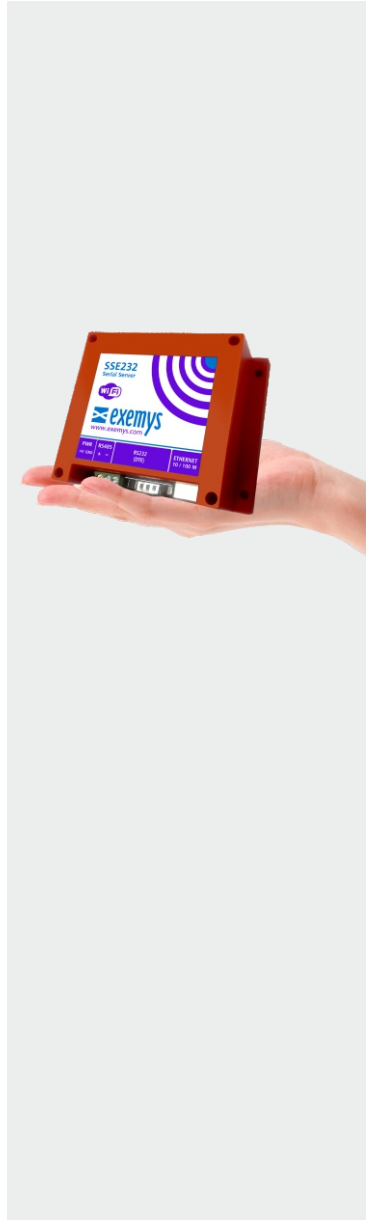
Mailing Address:

Unit 1, 14 Nobel Road,
Wester Gourdie Industrial Estate,
Dundee, DD2 4UH.



TECHNICAL FEATURES

• Wi-Fi:	2.4 Ghz, 802.11b/g/n, Potencia 18 dBm. Antena interna 1 dBi
• Network Protocols:	TCP / IP, UDP / IP, DNS, HTTP, DHCP, ICMP, ARP, SNMP
• Network Port:	1 Ethernet port 10 /100 Base T, RJ45 connector
• Serial Protocol:	Transparent
• Serial Port:	RS-232 in DB9 Male (DTE) / RS-485 en plug-in terminal blocks
• Supported Devices:	Any RS-232 / RS-485 device
• Flow Control:	RTS / CTS
• Mounting:	DIN Rail, wall or desk
• Administration:	HTTP web page, password protected RS-232 Serial Console
• Firmware Upgrade:	From web page
• LEDs:	Status and data/link
• Dimensions:	115 x 45 x 90 mm (Width x Height x Length) Weight: 150g
• Power:	+10 to +30 Vdc, 120 mA max.
• Temperatures:	Operation: -5 a 65 °C, Storage: -40 a 75°C
• Warranty:	1 Year



ORDERING CODE

PART #	SERIAL PORT
SSE232-1B0-00-LE-WiFi	1 configurable RS-232 / RS-485 Port - Wi-Fi

Whilst every effort has been made to ensure the accuracy of this specification, we cannot accept responsibility for damage, injury, loss or expense from errors or omissions. In the interest of technical improvement, this specification may be altered without notice.

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