

Serial to Ethernet Converter

Industrial Model - DIN Rail Mounting

SSE232-IA3



- With Digital I/Os
- Serial Tunnel
- I/O Tunnel



The **SSE232-IA3** is a device designed to facilitate the integration of equipment with RS232/485 communication ports into Ethernet TCP/IP networks.

This product is ideal for industrial environments where connectivity and reliability are essential.

In addition to converting serial signals to Ethernet, the SSE232-IA3 stands out by offering **built-in Digital Inputs and Outputs**, allowing for direct management and control of external devices without the need for additional modules, making it especially valuable in applications where space or budget for extra equipment is limited.

The converter can be used through the following methods:

- SCADA Software
- Custom TCP Software
- The Original Software of the device to be connected plus a COM port Redirector

SERIAL SERVER

- Converts Serial Ports to Ethernet TCP/IP
- Up to 4 RS232 / 485 / 422 Ports
- Transparent Serial Port Tunneling
- I/O Tunneling via Ethernet
- Digital inputs and outputs, controlled by Ethernet
- Multi-drop over Ethernet: One server, multiple clients



GENERAL FEATURES

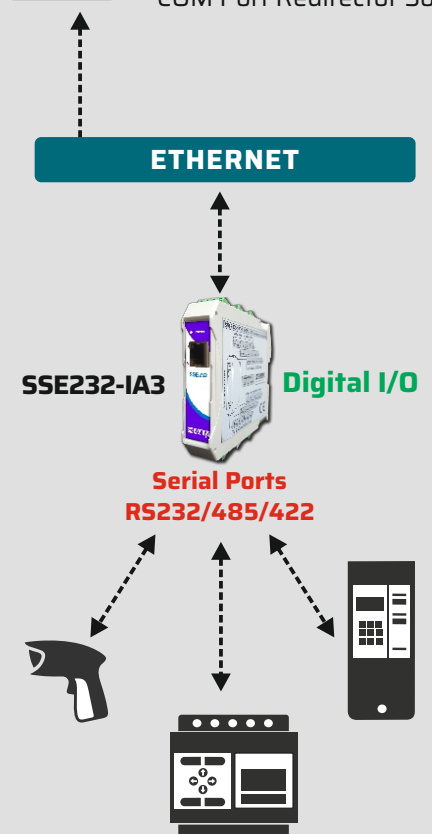
- Automatic recovery in case of communication loss
- COM Port Redirection Software
- Ethernet and SNMP control of digital inputs and outputs
- Easy web configuration, password-protected
- Software for discovering Exemys devices on the network
- DIN rail mounting. Fireproof industrial enclosure
- Wide power supply range from +10 to 30Vdc
- Removable industrial terminal blocks

Remote Monitoring



Can be used through:

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



APPLICATIONS

- PLC and SCADA Systems
- Industrial Automation
- Remote Monitoring Systems
- Access Control
- Security Systems

TECHNICAL SPECIFICATIONS

• Network Protocols	TCP / IP, UDP / IP, DNS, http, DHCP, ICMP, ARP, SNMP.
• Ethernet Port	1 Ethernet Port 10 / 100 baseT, RJ45 Connector
• Serial Protocol	Transparent
• Serial Port	Up to 4 RS232/RS485 in plug-in terminal blocks
• Supported Devices	Any RS-232 / RS-485 device
• Flow Control	RTS / CTS
• Administration	Password protected http Server. RS-232 Serial Console
• Firmware Upgrade	From webpage
• Indicators	Status and Data/Link LEDs
• Digital I/O	Inputs: transistor, +7 to +15 Vdc (activated input), 280KΩ Outputs: open-collector transistor, 200 mA total, +50 Vdc max
• Dimensions	100 mm x 22,5 mm x 112 mm (Height x Width x Length)
• Power Input Voltage	+10 to +30 Vdc
• Power Input Current	70mA at +12 Vdc Input / 40mA at +24 Vdc Input
• Temperatures	Operation: -15 to 65 °C. Storage: -40 to 75 °C.
• Warranty	1 year Warranty



ORDERING CODES

PART NUMBER	DETAILS
SSE232-400-00-IA3-CF	4 RS232 ports with flow control
SSE232-480-00-IA3	4 configurable RS232/RS485 ports
SSE232-1C0-00-IA3-IS	1 configurable isolated RS232/RS485 port / isolated RS422 (half-duplex)
SSE232-1C0-10C-IA3-IS	1 configurable isolated RS232/RS485 port / isolated RS422 with 10 digital I/Os and I/O tunneling
SSE232-200-10C-IA3	2 RS232 Serial Ports + 10 Digital I/O



IRAM-ISO 9001:2015



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