

Serial to Ethernet Converter

Industrial Model - DIN Rail Mounting
With 2 Port Ethernet Switch

SSE232-2ETH-IA3



Industrial
Model



The Industrial **SSE232-2ETH-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.

It features an **integrated 2-port switch** within the device itself, ensuring easy and quick integration into panels.

The converter can be used through the following methods:

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

SERIAL SERVER

- **Converts Serial Ports to Ethernet TCP/IP**
- **Features a 2-port RJ45 Ethernet switch**
- Supports up to 4 RS232 / 485 / 422 Ports
- Transparent serial port tunneling
- 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



ETHERNET NETWORK

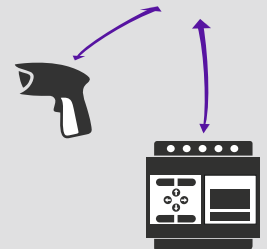
ETHERNET
PORT 2

SSE232-2ETH-IA3



ETHERNET
PORT 1

SERIAL PORTS
RS232/485/422



APPLICATIONS

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

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



Measurement and data acquisition solutions

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TECHNICAL SPECIFICATIONS

• Network Protocols	TCP / IP, UDP / IP, DNS, http, DHCP, ICMP, ARP, SNMP.
• Ethernet Port	2 Ethernet Ports 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
• Dimensions	100 mm x 22,5 mm x 112 mm (Height x Width x Length).
• Power Voltage	+10 to +30 Vdc
• Power Current	70mA with +12 Vdc Input / 40mA with +24 Vdc Input
• Temperatures	Operation: -15 to 65 °C. Storage: -40 a 75 °C.
• Warranty	1 year Warranty



ORDERING CODES

PART NUMBER	DETAILS
SSE232-4B0-00-2ETH-IA3	4 configurable RS232/RS485 ports - 2 Ethernet ports
SSE232-1C0-00-2ETH-IA3-IS	1 configurable isolated RS232/RS485 port / isolated RS422 (half-duplex) 2 Ethernet ports

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