

Industrial Serial Server

SSE232-IA3



SSE232-IA is an Ethernet communications device that can connect any serial device (RS232/485/422) to a Standard Ethernet network.

As a special feature, the SSE232-IA has built-in digital inputs / outputs. This feature is different from similar devices, as it provides a comprehensive solution for remote control applications, without the need for additional input / output modules.

★ FEATURES

- Converts serial ports to Ethernet TCP/IP or UDP/UP
- Up to 4 serial ports RS232 / RS485 / RS422
- Serial port transparent Tunnel
- Ethernet I/O, with built-in digital inputs and outputs
- Multi-drop over Ethernet. One server, many clients.

★ GENERAL SPECIFICATIONS

- DIN rail mounting, temperature-resistant Industrial Case.
- Wide range power supply (10 to 30 Volts DC).
- Industrial pluggable terminal blocks.
- Automated recovery in case of lost communication
- COM Port redirector software enables existing software Applications to access connected devices.
- Digital Input Notification through SNMP traps. SNMP Digital Outputs control.
- Easy Web browser configuration.
- Device search utility.

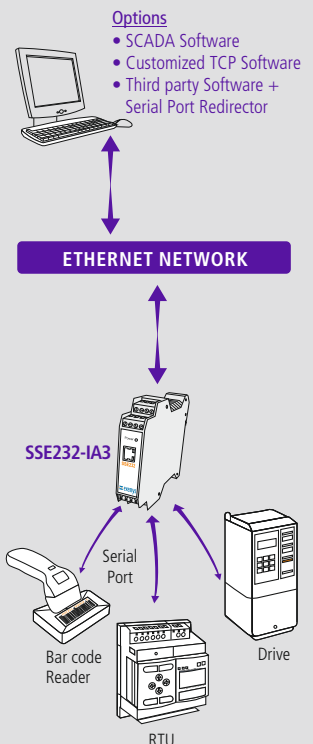
✓ APPLICATIONS

- PLC's and SCADA systems.
- Industrial Automation.
- Remote monitoring.
- Access Control and Security Systems



The SSE232-IA3 can connect any serial device (RS232/485/422) to an Ethernet Network

Remote Monitoring



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



Measurement and data acquisition solutions

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TECHNICAL FEATURES

• Network Protocols:	TCP / IP, UDP / IP, DNS, HTTP, DHCP, ICMP, ARP, SNMP.
• Network Port:	Ethernet 10/100 baseT, RJ45 Connector.
• Serial Protocol:	Transparent.
• Serial Port:	Up to 4 RS232/RS485 in pluggable terminal blocks
• Supported Devices:	Any RS-232 / RS-485 device
• Flow Control:	RTS / CTS.
• Management:	HTTP Server, password protected.
• Firmware upgrade:	Via WEB
• Indicators:	Network LED , Link LED.
• Dimensions:	100 mm x 22,5 mm x 112 mm (H x W x D).
• Power Supply	10 a 30 [Vdc].
• Current used:	70mA@12Vdc / 40mA@24Vdc.
• Temperature:	Operation temperature: -15 to 65 °C. Storage temperature: -40 to 75 °C.
• Support:	1-year guarantee. Technical Support included



ORDERING INFORMATION

PART NUMBER	DETAILS
SSE232-400-00-IA3-CF	4 RS232 ports with flow control
SSE232-4B0-00-IA3	4 configurable RS232/RS485 ports
SSE232-1C0-00-IA3-IS	1 configurable RS232/Isolated RS485 / Isolated RS422 (half - duplex)
SSE232-1C0-10C-IA3-CF	1 configurable RS232/Isolated RS485 / Isolated RS422 + 10 configurable digital inputs/outputs
SSE232-200-10C-IA3	2 RS232 ports with flow control + 10 configurable digital inputs/outputs



IRAM-ISO 9001:2015

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