

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

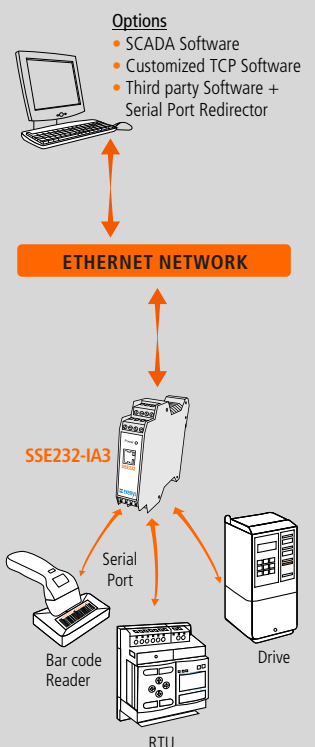
- DIN rail mounting, temperature-resistant Industrial Case.
- Wide range power supply (10 to 30 Volts DC).
- Industrial pluggable terminal blocks.
- Automated recovery in case of lost communication
- COM Port redirector software enables existing software Applications to access connected devices.
- Digital 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



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SSE232-IA3

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
SSE232-1C0-10C-IA3-CF	1 configurable RS232/Isolated RS485 / Isolated RS422 + 10 configurable digital inputs/outputs

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.

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