

# SSE232-IA Serial Server for Industrial Automation with digital I/O's

Devices approved by:



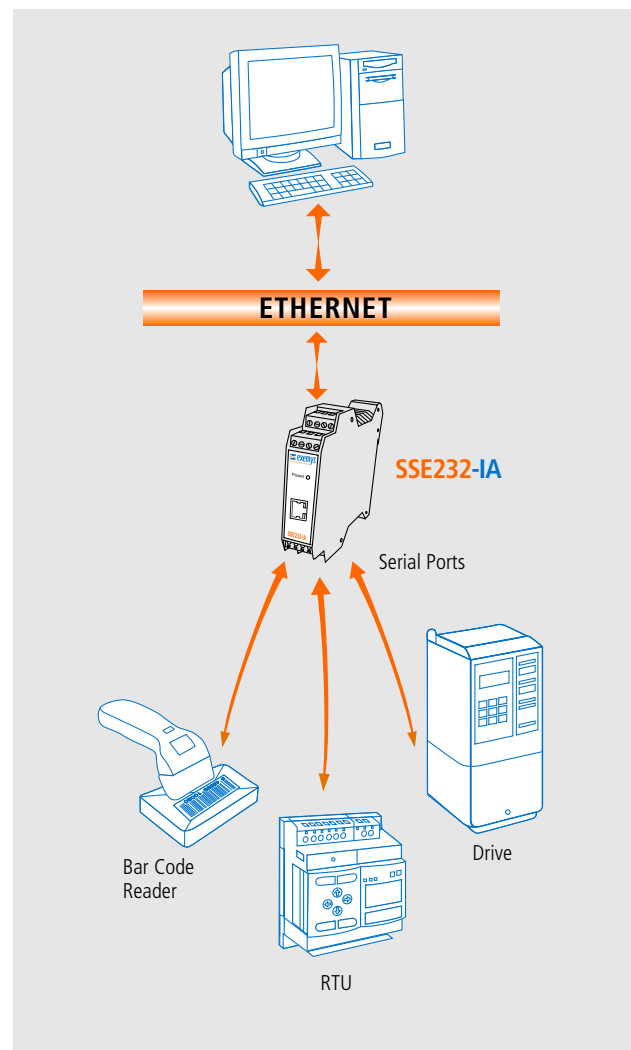
SSE232-IA is an Ethernet communications device that can connect any serial device (RS232/485/422) to a Standard Ethernet network.

Now, you can connect two devices with RS232 communication to one another via the Ethernet network. Moreover, you can get remote access to those devices from a PC. 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

- DIN rail mounting, temperature-resistant Industrial Case.
- Remote control of digital Inputs / Outputs via Ethernet.
- Digital Input Notification through SNMP traps.
- Wide range power supply (9 to 26 Volts AC / 9 to 30 Volts DC).
- Ethernet multi-drop configuration enabled (one server, many clients).
- Automated recovery in case of lost communication.
- COM Port redirector software enables existing software Applications to access connected devices.
- Easy Web browser configuration.
- Password protected configuration.
- Industrial pluggable terminal blocks.
- Device search utility.
- Provides outputs control via SNMP.

## MODES



# SSE232-IA

## SPECIFICATIONS

- **Network Protocols:** TCP / IP, UDP, TELNET, HTTP, DHCP, ICMP, ARP, SNMP.
- **Network Interface:** Ethernet 10 BaseT, RJ45 connector.
- **Serial Protocols:** Transparent.
- **Serial Interface:** In pluggable terminal blocks.
- **Devices Supported:** Any RS232/485/422 Serial Port device requiring Ethernet access.
- **Inputs / Outputs:** Inputs: NPN Sinking, 3.5 to 28 Volts DC, 1 to 11mA max.  
Outputs: NPN Sourcing, high drive, open collector, 3 to 45 Volts DC, 130 mA max. per channel. Industrial pluggable terminal blocks.
- **Management:** HTTP Server, password protected.  
TELNET Console, password protected.  
Serial RS232 Console.
- **System Firmware:** Downloadable via programming cable (optional).
- **Indicators:** Status Led, Data/Link Led, Power Led.
- **Dimension / Weight:** 4.49 x 3.94 x 0.89 in. (HxWxL).  
(114 x 100 x 22.5 mm).  
0.31 Lbs (0.140 Kg).
- **Power supply:** Must be from a Class 2 or LPS source.  
9 to 26 Volts AC.  
9 to 30 Volts DC.  
200 mA max
- **Environmental:** Operating temperature: 23 to 149 °F (-5 to 65°C).  
Storage temperature: -40 to 158 °F (-40 to 70 °C).
- **Optional Accessories:** Programming cable.  
COM Port redirector software.

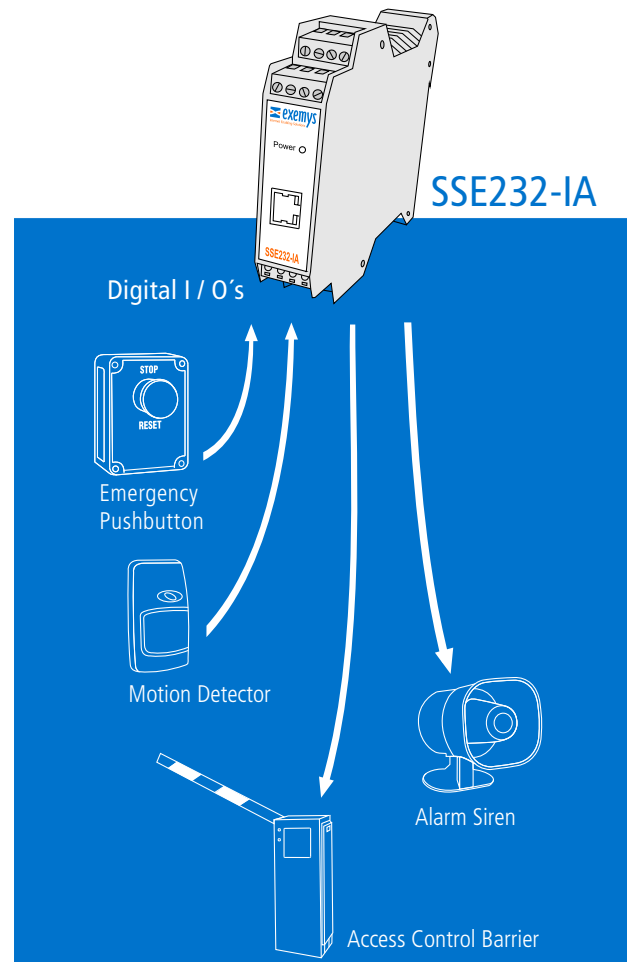
## ORDERING INFORMATION

PART NUMBER	ETHERNET	SERIAL PORTS			DIGITAL INPUTS	DIGITAL OUTPUTS	CONFIG.
		RS232	RS485	RS422			
SSE232-1C4C-IA	10 BaseT	1	1	1	---	---	4 (*)
SSE232-1044-IA	10 BaseT	1	---	---	4	4	---
SSE232-2044-IA	10 BaseT	2	---	---	4	4	---
SSE232-114C-IA	10 BaseT	1	1	---	---	---	4
SSE232-224C-IA	10 BaseT	2	2	---	---	---	4

(\*) Only one configurable serial port

## APPLICATIONS

- Network Management.
- Point of Sales.
- Building and Home Automation.
- Gas and Petroleum Transportation.
- Industrial Automation.
- General Applications for Data Acquisition.
- Remote Monitoring Systems.
- Access Control and Security Systems.
- PLC's and SCADA systems.



MANAGEMENT SYSTEM ISO 9001:2000



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