

SG-1160/ALL

Serial to Ethernet Device Server



SerialGate is a device server that connects existing devices with Ethernet network.

SerialGate SG-1160 support 16 ports of serial communication ports.

SerialGate can be connected to POS (Point of Sale), different kinds of devices in the factories, where you can use your web browser to remotely support or monitoring/control/collect data.

Therefore, it is a device server that can be used effectively for security, medical device control, manufacturing automation, mechanical control, processing monitor and so on.

Features

Remote Management

With the management program, PortView, all serial devices connected to SG can be monitored and managed in real-time. All input/output serial data can be tracked or saved as a file.

COM Redirection

Serial ports of SG connected by network can be used just like COM ports on the user's PC.

Various Serial Interfaces

RS232, RS422, and/or RS485 can be selected at own needs.

SG-1160/ALL Model

16 Ports RS232/RS422/RS485 Serial interface to LAN Device server



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Specifications are subject to change without notice.



Communication

LAN Port	10/100Mbps RJ-45 Port x 2EA
Network	Static IP, Dynamic IP
Number of Serial Ports	16 Ports (RS-232/RS-422/485)
Serial Max Speed	Max 921.6kbps

Hardware

Process	400Mhz
Flash Memory	8MByte
SDRAM	32MByte
Power Requirement	100 ~ 220 VAC, 50/60Hz, Power Consumption: 15W
Size	430(W) x 180.8(L) x 44(H)mm
Weight	5.5 lb / 2470 g
Operation Temperature	0 ~ 50℃
Serial Port Signal	RS232: TX, RX, DTR, DSR, CTS, RTS, CTS, DCD, GND RS422: TXD+, TXD-, RXD+, RXD- RS485: TRXD+, TRXD-
Humidity	Max 95% (non-condensing)
LED	TX, RX, Power, WAN(Link/ACT, 100M), LAN(Link/ACT, 100M), RDY(Ready), LCD
Serial Port Protection	± 15kV ESD Protection
SD/MMC CARD	SD card (Max. 32GB)

Reset Button

Feature	Action	Result
Warm Booting	Press for less than 1 sec.	SerialGate reboots
Factory Default	Press for 3 sec. or more.	Restores the default setting

SG-1160/ALL Specification Sheet

Software

Protocol	TCP, UDP, Telnet, ICMP, DHCP, TFTP, HTTP, SNMP 1/2/3, SSH, SSL
Management Tool	COM Port Redirector, PortView™, TestView™, SGConfig, Web, SNMP
Configuration	Telnet, Web, SSH, SGConfig
Security	SSH

Ordering Information

SG-1160/ALL	16 x Serial Ports, RS-232/RS-422/485 selectable
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