

SE5100 Industrial 1-port Serial Device Server

Serial to Ethernet Solutions



Overview

SE5100 is a one serial port to one Ethernet port Industrial serial device server, which is a cost effective and reliable solution for bridging your serial based equipment to Fast Ethernet networks. The SE5100 can transfer serial data through TCP/IP, control remote serial devices with security, thus maximizing managerial efficiency. The serial port supports RS- 232/422/485 or isolated RS-422/485, and the LAN port supports 10/100BASE-TX or 100BASE fibre optics.

Features

- Supports RS-232/422/485 serial communication .
- Equipped with 2KV optical isolation protection and 15KV ESD
- surge protection of serial interfaces
- Support RJ45 and single-mode/multi-mode fibre optics . through SC and ST fibre connectors
- 512KB port buffer prevents data loss when connection fails
- The warning system design provides automatic information to
- administrator by relay output and E-mail, when the connection occurs

- Supports Virtual COM, TCP server, TCP client, UDP, Pair Connection operation mode
- Multiple configuration interfaces of Web, Telnet console, SNMP and windows-based utility
- Both Terminal Block and latch secure DC Jack power inputs are provided for flexible electrical environment requirements
- Aluminium housing with flexible installation design by DIN-Rail, panel and wall mounting

Ordering Information

SE5101-00Z	1-port RS-232/422/485 Serial Device Server with 1-port 10/100BASE-TX
SE5101-1XZ	1-port RS-232/422/485 Serial Device Server with 1-port 100BASE-FX
SE5110-00Z	1-port isolated RS-422/485 Serial Device Server with 1-port 10/100BASE-TX
SE5110-1XZ	1-port isolated RS-422/485 Serial Device Server with 1-port 100BASE-FX

100FX Fibre Options:

- 1: Multi Mode (SC) (X) =
 - 2: Multi Mode (ST)

Power Input Interface:

- (Z) =B: Terminal Block & DC Jack
- A: Single Mode (SC) -20Km B: Single Mode (SC) -40Km
- C: Single Mode (ST) -20Km

Power Supply: (Optional)

The Terminal Block type external power supply are not included. Please order the following part numbers, as required: *Option A -DR-30-24, DR-60-24, DR-75-24, DR-120-24 or 41-136046-X X=1, 2,3,4,5 The external power adapter and power cord are not included. Please order the following part numbers, as required: **Option B -41-136044-X X=1, 2,3,4,5

DIN Rail (mounting kit is included) Installation Type: Optional Panel mount kit, part number: KP-AA51











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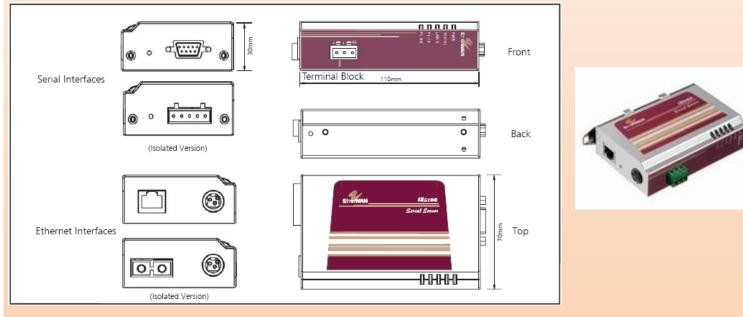
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Specifications

Specifications						
	Technology		Mechanical			
	Serial Port:		Casing:	Aluminiu	im case	
	Interface:	RS-232/422/485	Dimensions:			
	Connector:	DB9 for RS-232/422/485,	70mm (V		W) x 110mm (D) x 30 mm (H)	
		Terminal Block for RS-422/485			N) x 4.33" (D) x 1.18" (H))	
	Line Protection:	15KV ESD	Weight:		, , , , , , , , , , , , , , , , , , , ,	
	Isolation:	2KV (SE5110)	0.25kg (0.55 lb)		0.55 lb)	
	Serial Communicati		Installation:	•	, ,	
	Parity:			DIN-Rail (Top hat type 35mm), Panel Mounting		
	Data Bits:					
Stop Bit:		1, 1.5, 2		Ethernet Port:		
	Flow Control:	None, RTS/CTS, Xon/Xoff	Interface:	10/100B	ASE-TX; 100BASE-FX	
	Speed:	SE5101, 50 bps to 460.8Kbps	Connector:	RJ45 (10	0/100BASE-TX); SC, ST Type	
	opood	SE5110, 50 bps to 230.4Kbps		(100BAS	SE-FX)	
	Protocols:		Isolation:	Built-in 1	1.5KV magnetic isolation	
		ICMP, IP, TCP, UDP, DHCP client, BOOTP, Telnet,	Serial Port:			
		Rtelnet, DNS, SNMPv2, HTTP, SSH, Reverse	DB9- RS232/422/	485:	1 port or 5Pin Terminal Block	
		SSH, SMTP, SNTP, ARP, RARP, and RFC2217			(Isolation version)- RS422/485: 1 port	
	Operation mode:		LED Indicators			
		Virtual COM, TCP server, TCP client, UDP,	Per Unit:		Power Status (Power 1, Power 2), Status	
		Pair Connection	Per Port: Ethernet	t: LAN1,	Serial: Port TX/RX	
OS Driver Support: W			Environment			
		Windows 2000/XP/2003 COM driver	Operating Temperature:			
Management:					-10°C to 60°C (14°F to 140°F)	
		Web, Telnet console, SNMP			Test @ -20°C to 70°C (-4°F to 158°F)	
Port Buffer:			Storage Temperati	Storage Temperature:		
		512K bits	Analytic of Distantion I have been a		-20°C to 85°C (-4°F to 185°F)	
Power		Ambient Relative Humidity:		Fl/ to OFl/ non condensing		
	Input:		Degulatory Amora	wele.	5% to 95% non-condensing	
Input Voltage:		12 to 32VDC (Terminal Block); 12VDC (DC Jack)	Regulatory Approvals: Emission Compliance:			
	Power Consumption		Linission Compilar	100.	CE Mark Class A, FCC Part 15 Class A,	
		2.88W Max. 0.24A@12VDC, 0.12A@24VDC			VCCI Class A	
	Connector:					
		Terminal Block and DC Jack with latch				

Diagrams







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