



Industrial Networking Solutions

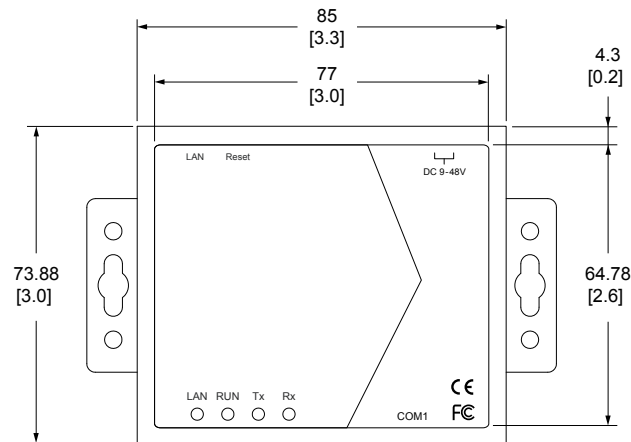
Serial Device Servers



Entry-Level Serial Device Servers | Wall/DIN-Rail Mount | Metal Housing | IP30 Rating



Industrial EMC Serial Servers				
Part Number [MFG #]	RS-232 RS-422 RS-485 TB5	RS-232 RS-422 RS-485 DB9	10/100 RJ45 Ports	Features
E45SS-DB9-EMC [SE5001A]	N/A	1	1	Industrial EMC Protection
E45SS-TB5-EMC [SE5001A-TB]	1	N/A	1	



Feature Highlights:

- Industrial EMC protection
- Rugged metal case with wall or DIN-Rail mount
- 10/100Mbps Fast Ethernet full duplex auto negotiation
- TCP Server/Client, UDP, Virtual COM and Tunneling modes supported
- Remotely monitor, manage, and control industrial field devices
- Configuration via Web Browser / Serial Console / Telnet Console / Windows Utility
- Remote firmware upgrade



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Specifications & Approvals



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Network Interface	
Ethernet	1x RJ-45 IEEE802.3 10/100Mbps, Auto MDI/MDI-X
Serial Interface	
Connector	10/100Mbps Auto-detection 3.81mm TB5 RS-232/422/485 software selectable (TB models)
Ports	1-port
Baud Rate	1200~230Kbps
Data Bits	7,8
Stop Bits	1,2
Flow Control	None, Xon/Xoff, RTS/CTS
Power Characteristics	
Input Voltage	9VDC - 48VDC
Input Current(9VDC)	0.30A
Power Consumption	Approx. 2.70W (max)
Reverse Polarity Protection	Yes
Connector	5.08mm 3-pin Lockable Terminal Block
Environmental Limits	
Operating Temperature	0°C ~ 60°C (32° ~ 140°F)
Storage Temperature	-40° ~ 85°C (-40°~ 185°F)
Ambient Relative Humidity	5~95% RH, (non-condensing)
Software	
Protocols	IPv4, ICMP, TCP, UDP, DHCP Client, SNMP, HTTP, Telnet, RFC2217
Configuration	Serial Manager, Web UI, Telnet
Virtual COM	Windows / Linux redirection software
Link Modes	
TCP Server	4 connections, Virtual COM, or Reverse Telnet
TCP Client	Single destination or Virtual COM
UDP	Up to 4 ranges of IPs

Regulatory Approvals				
EMI	EN 60950-1: 2011 / IEC 60950-1:2009			
EMC	EN 55022: 2007, EN 55024: 2010, FCC Part 15 Subpart B Class A			
EMS Test	Item	Value	Level	
IEC 61000-4-2	ESD	Contact Discharge	±8KV	4
		Air Discharge	±15KV	4
IEC 61000-4-3	RS	Radiated (Enclosure)	10(V/m)	3
IEC 61000-4-4	EFT	AC Power Port	±2.0 KV	3
		DC Power Port	±2.0 KV	3
IEC 61000-4-5	Surge	Signal Port	±2.0 KV	4
		AC Power Port	Line-to-Line±2.0 KV	4
		AC Power Port	Line-to-Earth±4.0 KV	4
		DC Power Port	Line-to-Line±0.5 KV	2
		DC Power Port	Line-to-Earth±1 KV	2
		Signal Port	Line-to-Earth±2.0 KV	3
IEC 61000-4-6	CS	Conducted (Enclosure)	10 V rms	3
IEC 61000-4-8	PfMF	Enclosure	10(A/m)	3
IEC 61000-4-11	DIP	AC Power Port	-	-
Shock	IEC 60068-2-27			
Drop	IEC 60068-2-32			
Vibration	IEC 60068-2-6			
RoHS	Yes			
Warranty	5 Years			

* AC Power Port means tested through the adapter in the accessories.