



Industrial Networking Solutions

Serial Device Servers



Advanced Serial Device Servers | 16-Port | 19" Rack Mount | Metal Housing | IP30 Rating

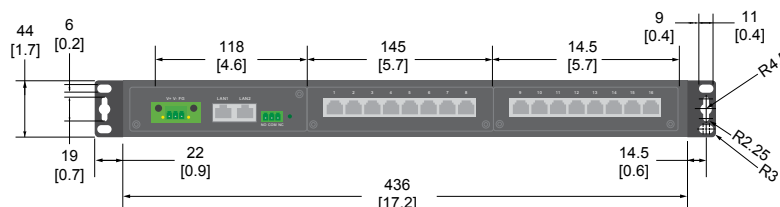


16-Port Advanced Serial Device Servers					
Part Number [MFG #]	RS-232 RS-422 RS-485 RJ45	10/100 RJ45 Ports	Isolation	Power Connector	Features
RMSS-16RJ45 [SE5916-DC]	16 (RS-232/422/485)	2	N/A	DC TB3	Industrial EMC Protection
RMSS-16RJ45-422-IS [SE5916-SIS-DC]	16 (RS-422/485)	2	2.5 KV	DC TB3	
RMSS-16RJ45-US-AC [SE5916-US]	16 (RS-232/422/485)	2	N/A	AC Inlet (US)	
RMSS-16RJ45-422-IS-US-AC [SE5916-SIS-US]	16 (RS-422/485)	2	2.5 KV	AC Inlet (US)	
RMSS-16RJ45-EU-AC [SE5916-EU]	16 (RS-232/422/485)	2	N/A	AC Inlet (EU)	
RMSS-16RJ45-422-IS-EU-AC [SE5916-SIS-EU]	16 (RS-422/485)	2	2.5 KV	AC Inlet (EU)	

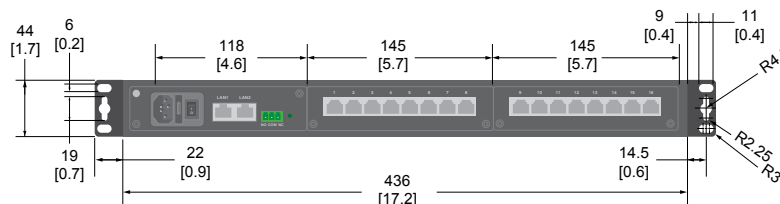
RS-232/RS-485-RS-422 function is available on non-isolated versions. Isolated versions support RS-485 and RS-422 only.

SDK version and SDK-Node-RED version are available, please consult the factory. See Appendix (Page 151) for Block Diagram.

DC Terminal Block



AC Inlet



Feature Highlights:

- Remotely monitor, manage, and control industrial field devices
- Industrial EMC protection, Opt. Serial port Isolation, -20°C~70°C operation
- 2 Fast-Ethernet ports with RSTP allowing also dual-subnet or redundancy
- 8/16 sw-selectable RS-232/485/422 (*) RJ45 serial ports, up to 921kbps with adjustable pull-high / pull-low resistors.
- 24~48 VDC Power Input or 100~240 VAC Power input (EU or US version)
- TCP Server/Client, UDP, Virtual COM and Tunneling modes supported
- Supports SNMPv1/v2c/v3, RSTP 802.1d:2004 and cascade connecting
- Configuration via Web Browser / Serial Console / Telnet Console / Windows Utility



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Specifications & Approvals



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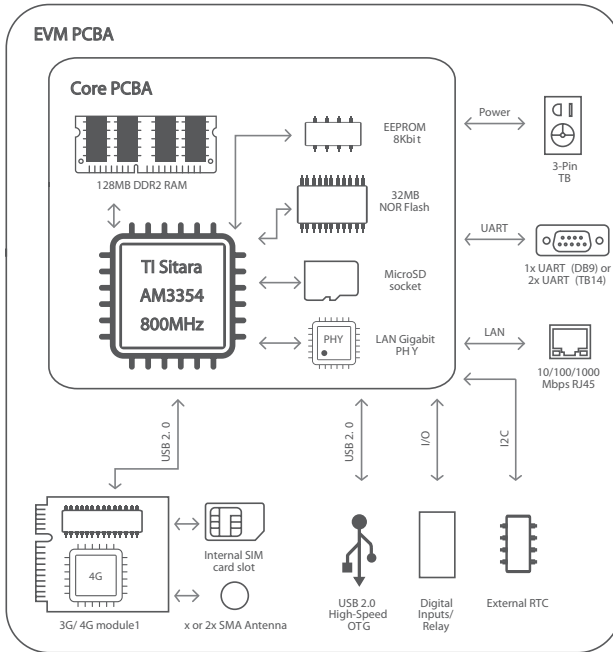
Network Interface		
Speed	IEEE 802.3 10BaseT IEEE 802.3u 100BaseT(X)	
LAN Mode	Dual Subnets or Network Redundancy	
Connector ports	2 x 10/100BASE-T(X) RJ-45	
Power Management		
Input Voltage	DC	24 - 48VDC
	US/EU	100~240 VAC
Input Current	DC	0.54 A @24VDC
	US/EU	0.21A@100VAC
Power Consumption	Approximately 21 W (Max)	
Connector	DC	5.08mm 3-pin Lockable Terminal Block
	US/EU	IEC 60320-1 C14 AC Power Inlet
Power Redundancy	No	
Reverse Polarity Protection	Yes (DC Input only)	
Relay Output	Yes (1)	
Mechanicals		
Reset Button	Yes	
Environmental Limits		
Operating Temperature	-20°C ~ 70°C (-4°F ~ 158°F)	
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)	
Ambient Relative Humidity	5 ~ 95%, (non-condensing)	
Software		
Protocol	IPv4, ARP, ICMP, TCP, UDP, DHCP Client, DNS Client, SNMPv1,v2c,v3, HTTP, Telnet, RFC2217, Syslog	
Configuration	Atop Management Utility, Web UI, Telnet	
Virtual COM	Windows / Linux redirection software	
Features	IPsec, OpenVPN, RSTP, PPTP	
Link Modes		
TCP Server	Dual destination supports raw-data or VirtualCOM	
TCP Server	4 Connections mode supports raw-data; VirtualCOM or reverse Telnet	
UDP	Up to 4 Ranges IP	

Serial Interface				
Connector	Non-Isolation Models	RJ45 RS-232/422/485 software selectable		
	Isolation Models	RJ45 Isolated RS-422/485 software selectable		
Ports	16 Ports			
Mode	RS-232/422/485, software selectable. Consult factory for the different modes supported in each model.			
Baud Rate	50 ~ 921,600 bps software selectable			
Parity	None, Odd, Even, Space, Mark			
Data bits	5, 6, 7, 8 software selectable			
Stop Bit	1, 2 software selectable			
Flow Control	None, Xon/Xoff, RTS/CTS (RS-232 only)			
Isolation	2.5 KV (Isolation models only)			
Regulatory Approvals				
Safety	EN60950-1:2006/ IEC60950-1 LVD			
EMC	FCC Part 15, Subpart B, Class B EN 55022, Class B, EN 61000-3-2, EN 61000-3-3, EN 55024			
EMS Test	Item		Value	Level
IEC 61000-4-2	ESD	Enclosure Contact Air Discharge	±8kV ±15kV	4 4
IEC 61000-4-3	RS	Radiated (enclosure)	10 V/m	3
IEC 61000-4-4	EFT	AC Power Port DC Power Port Signal Port	±4.0KV ±4.0KV ±2.0KV	4 4 3
IEC 61000-4-5	Surge	AC Power Port AC Power Port DC Power Port DC Power Port Signal Port	Line-to Line±2.0KV Line-to Earth±4.0KV Line-to Line±1.0KV Line-to Earth±2.0KV Line-to Earth±2.0KV	3
IEC 61000-4-6	CS	AC Power Port DC Power Port Signal Port	10 V rms 10 V rms 10 V rms	3 3 3
IEC 61000-4-8	PFMF	Enclosure	1 A/m	3
IEC 61000-4-11	DIP	AC Power Ports	-	-
Shock	IEC 60068-2-27			
Drop	ISTA Test Procedure 2A			
Vibration	IEC 60068-2-64			
RoHS II	Yes			
Warranty	5 Years			



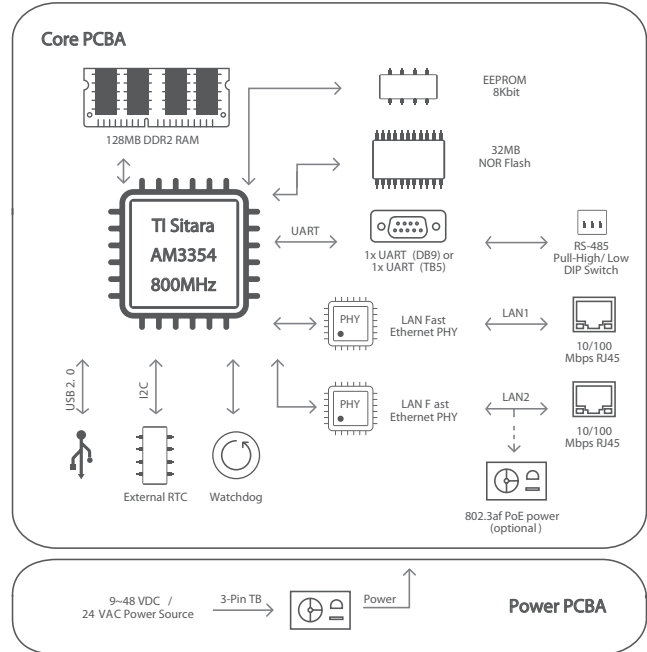
SE5901B Series

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SE5901 Series

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SE5908/5916 Series

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