



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



IP 68



RoHS-compliant

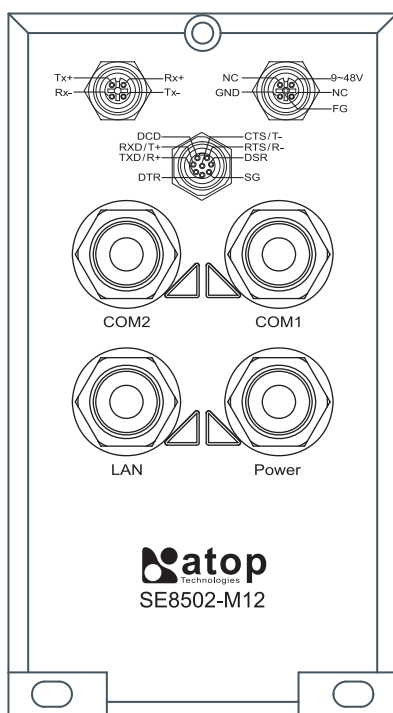
2-Port IP68 Serial Server

■ ■ SE8502-M12

- 15KV ESD protection for serial signals
- 10/100 Mbps Fast Ethernet full duplex auto negotiation
- Support multiple link mode with TCP server/client, UDP and Virtual COM mode
- Monitor, manage and control industrial field devices remotely
- Configuration: Built-in Web Server /Serial Console/ Telnet
- Windows-based utility for IP configuration
- Firmware upgrade remotely via Ethernet
- Rigid aluminum case design compliant with IP68 standard
- Wide operating temperature range : -40°C ~ 75°C

SE8502-M12

2-Port IP68 Serial Server Front Panel



SE8502-M12 is an Industrial 2-port IP68 Serial Server, offering waterproof, dustproof, and vibration-resistant.

There is a strong demand for reliable and rugged networking solutions, that can be used for the industrial workplace in harsh environmental conditions, such as high levels of moisture, dust, heat, electrical interference, and vibration. SE8502-M12 is a device that has IP68-rated housing and M12 metal connectors. It also provides a wide operating temperature range from -40°C ~ 75°C.

SE8502-M12 supports multiple link mode with TCP server/client, UDP and VirtualCOM, that can be configured by Windows-based utility. In addition, M12 connectors secure a firmly connecting, and prevent loose from vibrating condition, such as in moving vehicles.

2-Port IP68 Serial Server



Specifications	
Ethernet	
Compliance	IEEE802.3 10BASE-T / IEEE802.3u 100BASE-TX
Ports	1-Port
Transmission Rate	10/100 Mbps
Connector	4-Pin D-coded Female M12
Auto MDI/MDI-X	Yes
Serial	
Mode	RS-232/422/485 Software selectable / RS-422/485 Software selectable (Sis models)
Ports	2-Port
Baud Rate	110bps~921kbps (SE8502-M12 / SE8502-M12 (DIN-Rail)) 110bps~230kbps (SE8502-Sis-M12 / SE8502-M12-Sis (DIN-Rail))
Parity	None, Odd, Even, Mark, Space
Data bits	5, 6, 7, 8
Stop Bit	1,2
Flow Control	None, Xon/Xoff, RTS/CTS
Connector	8-Pin A-Coded Female M12
Power	
Input Voltage	9-48 VDC
Input Current	0.40A max
Power Consumption	Max. 3.6W
Connector	5-Pin A-coded Female M12
LED	
Indicator	COM, LAN, RUN
Software	
Configuration	Serial Manager / Web UI / Telnet
Virtual COM	Windows / Linux driver
Support Protocol	IPv4, ICMP, TCP, UDP, DHCP Client, SNMP, HTTP, Telnet, RFC2217, NTP, DNS, SMTP
Regulatory Approvals	
EMI	EN 55022 Class A FCC Part 15, Subpart B, Class A
EMS	EN 55024 IEC 61000-4-2 (ESD) Level 3 IEC 61000-4-3:(RS) Level 3 IEC 61000-4-4: (EFT) Level 3 IEC 61000-4-5: (Surge) Level 3 IEC 61000-4-6: (CS) Level 2 IEC 61000-4-8: (PFMP) Level 1 IEC 61000-4-11:(DIP)
Rail Traffic	EN50155, EN50121-3-2, EN50121-4
Protection	IP68 @ 1 hour (IEC/EN60529) under operating mode
Vibration	IEC60068-2-64
Shock	IEC60068-2-27
Freefall	IEC60068-2-32(ISTA Test Procedure 2A)
MTBF	264711 hrs (30.21Years) (Data base: MIL-HDBK-217F, GB 25°C)
RoHS	Yes
Environment	
Operating	-40°C ~ 75°C(-40°F ~ 167°F)
Storage	-40°C ~ 85°C(-40°F ~ 185°F)
Humidity	5% ~ 95% (Non-condensing)
Mechanical	
WxHxD	79.6mm x 144.6mm x 23.6mm
Weight	700g
Installation	Field-style mounting / DIN-Rail mounting
Warranty	5 years

Environment

Operating	-40°C~75°C(-40°F ~167°F)
Storage	-40°C~85°C(-40°F ~185°F)
Humidity	5%~95% Non-condensing

Dimension

WxHxD	79mm x 35mm x 144mm
-------	---------------------

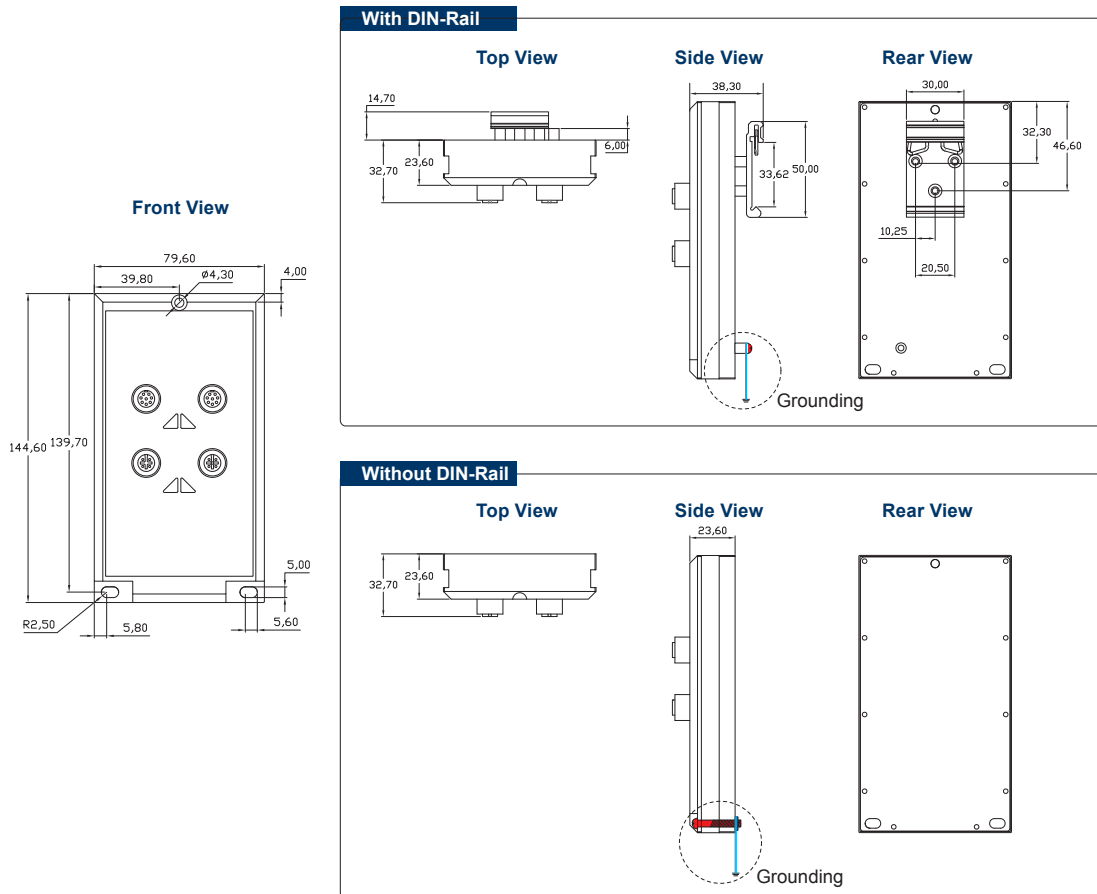
Physical

Weight	700g
Installation	Field-style mounting DIN-Rail mounting
Warranty	5 years

Ordering Information

SE8502-M12	IP68 Rated 2-Port Serial Device Server
SE8502-M12 (DIN-Rail)	IP68 Rated 2-Port Serial Device Server with DIN-Rail Mounting Kit

Mechanical



Atop Technologies, Inc.

TEL : +886-3-5508137
FAX : +886-3-5508131
sales@atop.com.tw
http : //www.atop.com.tw

Design and specification are subjected to change without notice.
All product names referenced herein are registered trademarks of their respective companies.



IP68 Rated
IEC/EN60529



CA_SE8502-M12_E : v1.2-120521