



**Atop Technologies, Inc.**

**Industrial Serial Device Server**

SE5002D Series

## Hardware Installation Guide

Version 1.1

Updated in March, 2014



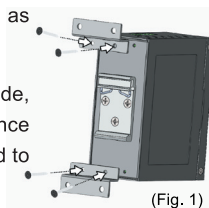
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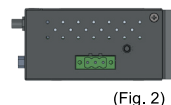
## Installation Overview

The device's appearance is as in the figure below.

1. If you have purchased the wall mount kit, proceed to place the screws on the back of the device as shown in (Fig. 1).



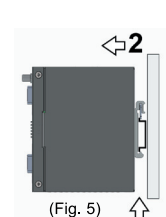
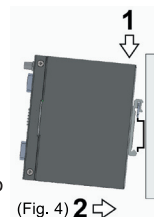
2. Although internal grounding has been done inside, in order to ensure overall maximum performance and protect your device it is still strongly advised to ground the device properly; hazardous ESD can come into contact with it and damage your equipment. On the power terminal block, there is a terminal for Frame Ground, you can choose whether to connect it to the grounding or you may opt to connect to the grounding screw next to the terminal block (the one chosen should be connected at all times) (Fig. 2).



3. You can then choose whether to plug in the I/O ports at this point or do it later depending on the actual location of the device or level of comfort for performing such operation.

4. Once the plate has been firmly put in place, proceed to mount the whole device as shown in (Fig. 4).

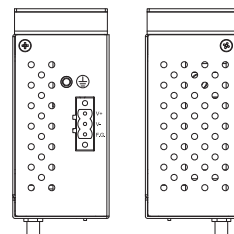
Proceed to (Fig. 5) if you want to remove the device from DIN-Rail.



5. Next we can then proceed to connect the device to the LAN (switch or PC, depending on the case), take care on using the RJ-45 connector; after this we can then proceed to the device's settings.

- The openings to the sides are for the device's heat dissipation please never obstruct or cover them with any objects or try to insert them through it.

- SE5002D's factory IP by default is 10.0.50.100 you can access the device by its Web UI once it is connected to a physical network (or using Serial Manager, for more information on Serial Manager, please refer to its manual, Chapter 3). Please be aware that the PC needed for this procedure needs to be in the same subnet, or you may refer yourself to the device User's Manual on Sec. 3.1.



## Field Maintenance and Service

If the device requires servicing of any kind, you may need to disconnect and remove it from its mounting. The initial installation should be done in a way that makes this as convenient as possible.

- Voltage/Power lines should be properly insulated as well as other cables. Be careful when handling them so as to not trip over.
- Do not under any circumstance insert foreign objects of any kind into the heat dissipation holes located in the different faces of the device. This may not only harm the internal layout but might cause harm to you as well.
- Do not under any circumstance open the device for any reason. Please contact your dealer for any repair needed or follow the instructions on section of your User's manual.

## Pin Assignments

9-pin D-sub Connector for RS-232/422/485

	Pin	RS-232	RS-422	RS-485
	1	DCD	N/A	N/A
	2	RXD	TXD+	N/A
	3	TXD	RXD+	DATA+
	4	DTR	N/A	N/A
	5	SG	SG	SG
	6	DSR	N/A	N/A
	7	RTS	RXD-	DATA-
	8	CTS	TXD-	N/A
	9	RI	N/A	N/A

5-pin Terminal Block for RS-232/422/485

	Pin	RS-232	4-W RS485 & RS422	2-W RS485
	1	RxD	T+	NC
	2	CTS	T-	NC
	3	TxD	R+	Data+
	4	RTS	R-	Data-
	5	SG	SG	SG

## Package Check List

Inside the package you will find the following items:

- Industrial Serial Device Server SE5002D x 1
- 3-Pin 5.08mm Lockable Terminal Block x 1
- 5-Pin 3.81mm Lockable Terminal Block x 2 (for SE5002D-TB models)
- Din Rail Kit x 1 (Already mounted to the device)
- Installation Guide + Warranty Card x 1
- CD (User's Manual / Installation Guide / Serial Manager Utility) x 1

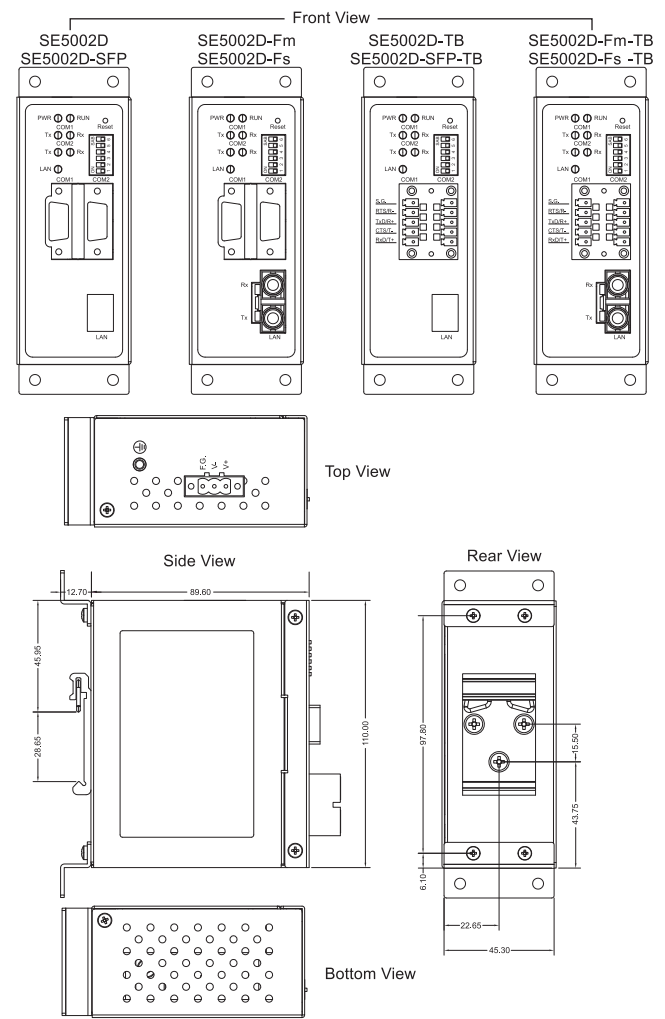
※ The wall mount kit illustrated in this document is for reference only and not included in the package.

LED Indicators

Name	LED	Status	Description
PWR	Green	On	Power is connected
		Off	Power is not connected
RUN	Green	On	AP firmware is disabled
		Blinking	AP firmware is running
		Off	Kernel firmware is damaged
LAN	Green	On	Ethernet is connected
		Blinking	Data is transmitting
		Off	Ethernet is disconnected
COM (Tx/Rx)	Green	Blinking	Data is transmitting
		Off	Data is not transmitting

Unit Dimensions and Layout (unit=mm)

The Industrial Serial Device Server and dimensions are shown below.



Warranty Policy

Warranty Conditions

Products supplied by Atop Technologies are covered in this warranty for sub-standard performance or defective workmanship. The warranty is not, however, extended to goods damaged in the following circumstances:

- (a) Excessive forces or impacts
- (b) War or an Act of God: wind storm, fire, flood, electric shock, earthquake
- (c) Use of unqualified power supply, connectors, or unauthorized parts/kits
- (d) Replacement with unauthorized parts

RMA and Shipping Costs Reimbursement

Customers shall always obtain an authorized "RMA" number from Atop before shipping the goods to be repaired to Atop. When in normal use, a sold product shall be replaced with a new one within 3 months after purchase. The shipping cost from the customer to Atop will be reimbursed by Atop.

After 3 months and still within the warranty period, it is up to Atop whether to replace the unit with a new one; normally, as long as a product is under warranty, all parts and labor are free of charge to the customers.

After the warranty period, the customer shall cover the cost for parts and labor. Three months after purchase, the shipping cost from the customer to Atop will not be reimbursed, but the shipping cost from Atop to the customer will be paid by Atop.

Limited Liability

Atop shall not be held responsible for any consequential losses from using Atop's product.

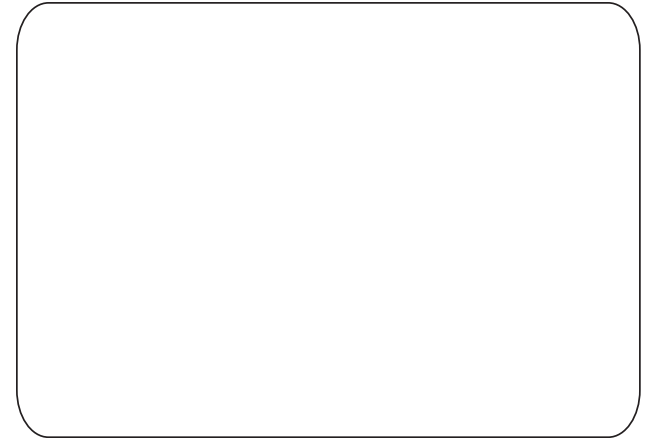
Warranty Period

Product Categories	Warranty
Ethernet Switches	5 Years
Wireless	
Serial Device Servers	
Modbus Gateways	
Embedded Device Servers	
DIN-Rail Power Supplies	3 Years
Power Adaptors	1 Year
Antennas	
Other Accessories	

The warranty certification will not be effective until an authorized stamp issued by Atop's overseas agents.

Purchase Date:                /                /                (yyyy/mm/dd)

Serial Number:



Atop Customer Services and Supports

- 1. Please contact your local dealers or Atop Technical Support Center at the following numbers.
  - + 886-3-550-8137 (Atop Taiwan)
  - + 86-21-6495-6232 (Atop China)
- 2. Please report the defected problems via Atop's Web site or E-mail account
  - Web Site : [www.atop.com.tw](http://www.atop.com.tw), e-mail : [service@atop.com.tw](mailto:service@atop.com.tw)
  - Web Site : [www.atop.com.cn](http://www.atop.com.cn), e-mail : [service@atop.com.cn](mailto:service@atop.com.cn)

— Any changes to this material will be announced on Atop website. —