



Atop Technologies, Inc.

Industrial Serial Device Server

SE5001A Series

Hardware Installation Guide

Version 1.0

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Introduction

Thank you for choosing the Atop Industrial Serial to Ethernet Serial Device Server. The SE5001A Series provide industrial grade media conversion between Ethernet and RS-232/RS-422/RS-485. This Guide covers two product models:

■ SE5001A

Industrial RS-232/422/485 to Ethernet Serial Device Server, DB9(M) connector

■ SE5001A-TB

Industrial RS-232/422/485 to Ethernet Serial Device Server, Terminal Block connector

Inside the Package

Item	Quantity	Description
SE5001A	1	Industrial Serial Device Server
Terminal Block	1	Depending on the model you may find: <ul style="list-style-type: none">■ 3-pin 5.08mm lockable terminal block■ 5-pin 3.81mm lockable terminal block (SE5001A-TB only)
Installation Guide	1	Hardware Installation Guide for your device
Mount Kit	1	Wall mount kit for the device
CD (Utilities)	1	Includes: User's Manual and Utilities

Note:

Please check all the items described above are inside the package; also make sure your device, items and the package itself present no damages upon purchase; if not, please notify your sales representative immediately.

Optional Accessories

Item	Atop P/N	Description
DK-25	30200000000022G	DIN-Rail Kit
US315-12(US-Y)	50500151120009G	100-240VAC input, 1.25A @ 12VDC output, US plug
USE315-12(EU-Y)	50500151120019G	100-240VAC input, 1.25A @ 12VDC output, EU plug
ADP-DB9(F)-TB5	59906231G	Female DB9 to Female 3.81mm TB5 Converter

Installation Overview

Before installing the device in any surface, please read this set of easy instructions; Atop strongly advises you to follow them as they are a measure of precaution against accidents, injuries and/or death. If you are not sure of how to do this or in any way feel insecure on the whole procedure, please refrain from it and call the qualified technician. If still this is not possible, proceed to contact your sales representative.

- Be sure there is nothing embedded or concealed under the surface that we are to drill. Most common cases are concealed electrical wirings and plumbing.
- Never ever drill anywhere close to any electrical outlets like sockets, switches or panels. You can't be sure where the wires are coming from but there will be wires running to and from these outlets; the consequences for drilling close to them could be serious.
- In areas close to pipes and/or plumbing, never ever drill close to it; the consequences for drilling close to them could be serious as well.

1. As mentioned before, the SE5001A Series comes with a mounting kit that consists of 2 screws with their respective wall plugs (i.e., screw anchors/dowel).
2. For installing procedures first drill a hole in the surface to be installed and fill it with the wall plugs. For a set of precautions to take when drilling holes in walls please read the notes.
3. Then install the device by fixing it to the surface with the screws as explained in the figure below.
4. You can then proceed to plug in all the cables, first plug the connectivity cables (RS-232/RS422/RS485), and then plug in the power cables in the terminal block.
5. SE5001A'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 the manual). Please be aware that the PC needed for this procedure needs to be in the same subnet, or you may refer yourself to the 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.

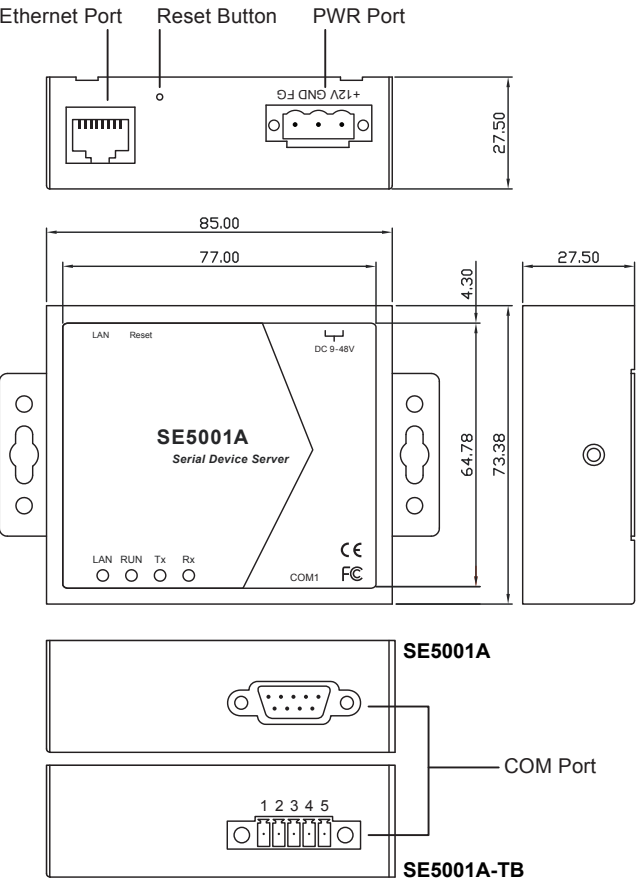
- Voltage/Power lines should be properly insulated as well as other cables. Be careful when handling them so as to not trip over.
- Do not under any circumstance open the device for any reason. Please contact your dealer for any repair needed or follow the instructions on section of your User's manual.

SE5001A Series LED Indicators

Name	LED	Status	Description
LAN	Green	On	Ethernet is connected on 100Mbps
		Blinking	Data is transmitting on Ethernet on 100Mbps
	Orange	On	Ethernet is connected on 10Mbps
		Blinking	Data is transmitting on Ethernet on 10Mbps
	Off		Ethernet is disconnected
COM (Tx/Rx)	Green	Blinking	Data is transmitting
		Off	Data is not transmitting
RUN	Green	Blinking	AP firmware is running
		On	AP firmware is disabled
		Off	Device is not powered up

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 maintenance procedure
- (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

- 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)
- Please report the defected problems via Atop's Web site or E-mail account
 - Web Site : www.atop.com.tw, e-mail : service@atop.com.tw
 - Web Site : www.atop.com.cn, e-mail : service@atop.com.cn

— Any change by website in material announcement primarily. —