




ATEN SN3001 1/2-Port RS-232 Secure Device Server User Guide

[Home](#) » [Aten](#) » ATEN SN3001 1/2-Port RS-232 Secure Device Server User Guide 

Contents

- [1 ATEN SN3001 1/2-Port RS-232 Secure Device Server](#)
- [2 Hardware Overview](#)
- [3 INSTALLATION](#)
 - [3.1 Support and Documentation Notice](#)
 - [3.2 Scan for more information](#)
- [4 Hardware Overview](#)
 - [4.1 SN3001 / SN3001P](#)
 - [4.2 SN3002 / SN3002P](#)
- [5 Installation](#)
 - [5.1 Wall Mount](#)
 - [5.2 DIN Rail Mount](#)
 - [5.3 Operation](#)
 - [5.4 Real COM](#)
 - [5.5 IP Installer](#)
- [6 Documents / Resources](#)
- [7 Related Posts](#)



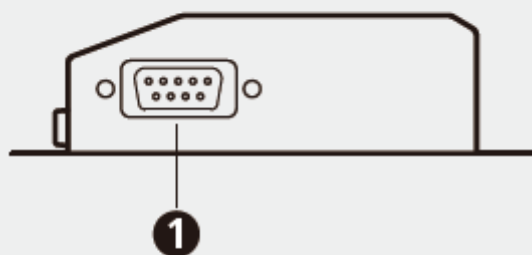
ATEN SN3001 1/2-Port RS-232 Secure Device Server



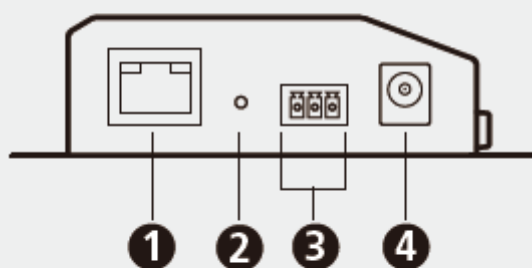
Hardware Overview

SN3001 / SN3001P

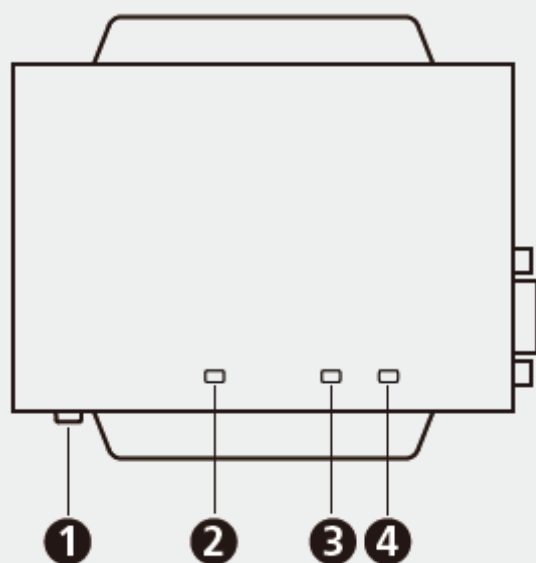
Front View



Rear View

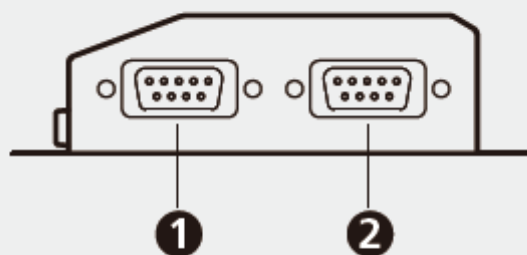


Top View

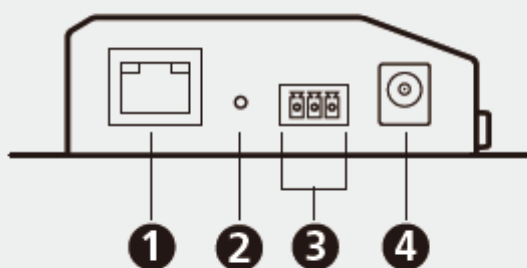


SN3002 / SN3002P

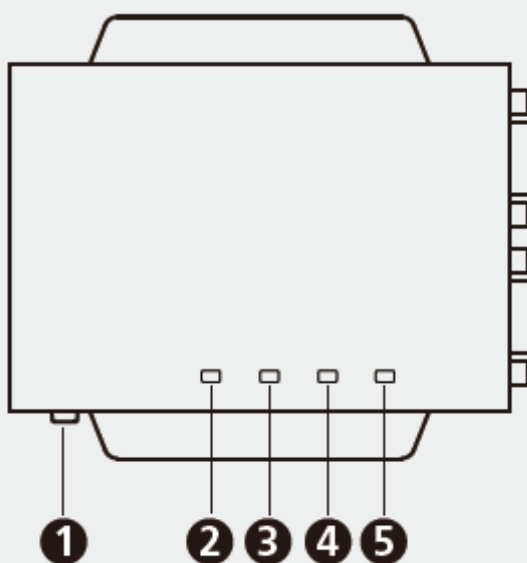
Front View



Rear View

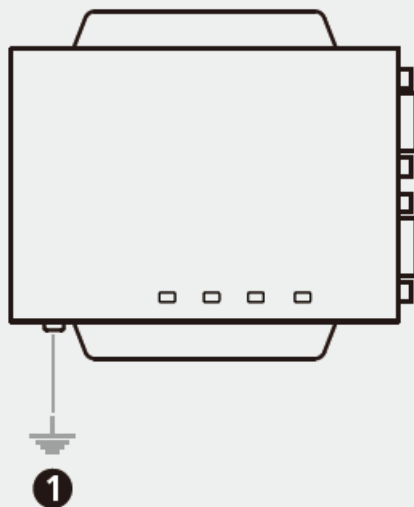


Top View

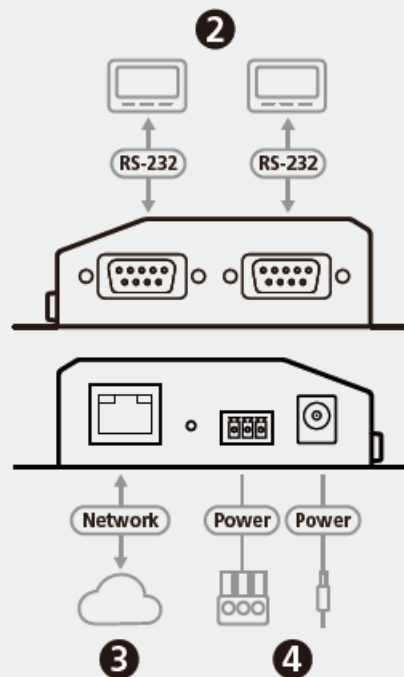
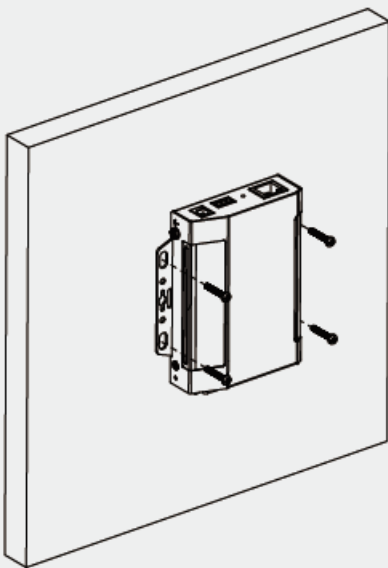


INSTALLATION

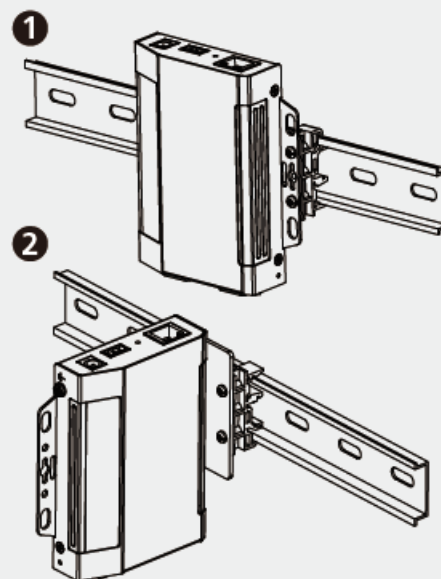
B Installation



Wall Mount



DIN Rail Mount



Support and Documentation Notice

All information, documentation, firmware, software utilities, and specifications contained in this package are subject to change without prior notification by the manufacturer.

To reduce the environmental impact of our products, ATEN documentation and software can be found online at

<http://www.aten.com/download/>

Technical Support

www.aten.com/support

Scan for more information



Hardware Overview

SN3001 / SN3001P

Front View

1. RS-232 serial port

Rear View

1. LAN port
2. reset button
3. power terminal
4. power jack

Top View

1. grounding terminal
2. serial port LED
3. status LED
4. power LED

SN3002 / SN3002P

Front View

1. RS-232 serial port 1
2. RS-232 serial port 2

Rear View

1. LAN port
2. reset button

3. power terminal
4. power jack

Top View

1. grounding terminal
2. serial port 1 LED
3. serial port 2 LED
4. status LED
5. power LED

Installation

To install, do the following and refer to the diagrams, exemplified by SN3002 / SN3002P, above.

1. Use a grounding wire to ground the unit by connecting one end to the grounding terminal and the other end to a suitable grounded object.
Note: Do not omit this step. Proper grounding helps prevent damage to the unit from power surges or static electricity.
2. Connect the unit's RS-232 serial port(s) to one or up to two serial device(s).
Note: Pin assignment of Secure Device Server: TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND. Please refer to the user manual for details.
3. Connect the unit's LAN port to a network using a Cat 5e/6 cable. For SN3001P / SN3002P (PoE 802.3af compliant), users can simultaneously supply power to the unit through a PoE network switch, and skip step 4.
4. Connect the unit to power, thereby turning it on, through one of the following methods:
 - (a) Plug the power adapter provided (not included for SN3001P / SN3002P) into an AC power source, and plug its cable into the unit's power jack.
Note: The temperature tolerance of the power adapter is 0 – 40 °C. If your environment temperature is 40 – 60 °C, follow step 4-b to power via the power terminal.
 - (b) Connect DC + and – wires (DC 9 – 48 V) to the unit's power terminal via the terminal block.

Wall Mount

Using 4 self-supplied screws, users can mount the unit onto a wall via its screw holes at the sides of the unit, as shown in the diagram above.

DIN Rail Mount

Users can use the DIN rail mount kit provided to mount the unit onto a DIN rail, as shown in the diagram above.

1. For parallel DIN rail mount, attach two green DIN rail brackets onto the unit, via its center screw holes, with the 4 smaller screws.
2. For perpendicular DIN rail mount, use the 2 larger screws supplied to attach the L-shape mounting bracket onto the unit, and then use 2 (of the 4) smaller screws to attach the L-shape mounting bracket with a green DIN rail bracket.

Operation

1. Open a browser and specify the IP address of the Secure Device Server you want to access in the browser's URL location bar.

Note: You can get the IP address from the administrator, or see the IP Address Determination section of the user manual (default IP address for non-DHCP: 192.168.0.60).

2. If a Security Alert dialog box appears, accept the certification — it can be trusted. The login page appears.
3. Provide a valid username and password.

Note: For first-time login, use the default Username and Password: administrator and password.

4. Click Login to bring up the browser main page.

Real COM

When using Real COM mode, the serial device connected appears as if it were directly connected to a COM port on the remote user's PC. To use this function, you must download a driver from the product web page.

IP Installer

Using a Windows PC within the same LAN, users can search for the unit's IP address or assign an IP address to it with the IP Installer utility. The utility can be obtained from our website www.aten.com. After downloading the utility to the PC, go to the directory that the IP Installer resides in and run IPInstaller.exe.

Documents / Resources



[ATEN SN3001 1/2-Port RS-232 Secure Device Server](#) [pdf] User Guide
SN3001, SN3002, SN3001P, SN3002P, SN3001, 1-2 Port RS-232 Secure Device Server, Secure Device Server, Device Server