SE5001 Ethernet Serial Server

Quick Start Guide

Version 1.7
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This document is intended to provide customers with brief descriptions on the product and to assist customers to get started. For detail information and operations of the product, please refer to the user's manual in the product CD.

1.Packaging
Please check your package contains the following items:
- SE5001 Series Serial Server
- Quick Start Guide
- Product CD
- Wall mounting screws
- 3 pin terminal block for power input
- 5-pin terminal block with lock*1 (SE5001-S5is or SE5001-S5-TB only)

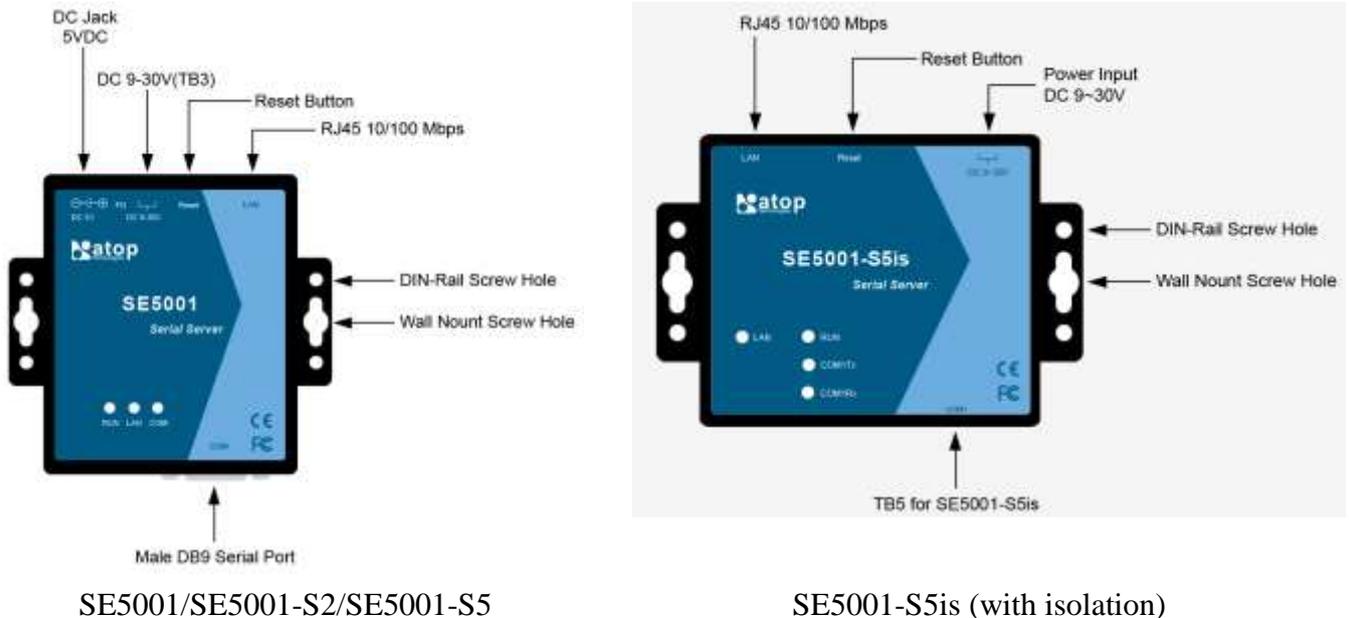| Optional Accessories		
Name	Part Number	Description
DK-25	30200000000022G	DIN-Rail Kit
UN305-0510(US-DC)	50500051500001G	DC jack (1.35/3.5/7.5 mm) power adaptor, 100-240VAC input, 1.0A @ 5 VDC output, US plug
UNE305-0510(EU-DC)	50500051500011G	DC jack (1.35/3.5/7.5 mm) power adaptor, 100-240VAC input, 1.0A @ 5 VDC output, EU plug
US315-12(US-TB3)	70100000000027G	3-pin Terminal block (5.08 mm) power adaptor, 100-240VAC input, 1.25A @ 12VDC output, US plug
USE315-12(EU-TB3)	70100000000028G	3-pin Terminal block (5.08 mm) power adaptor, 100-240VAC input, 1.25A @ 12VDC output, EU plug

2.Hardware Setup

SE5001/SE5001-S2/SE5001-S5   SE5001-S5is (with isolation)

Figure 2.1. SE5001 Series Interface

LED Indicators:

LAN LED

Message	Description
Off	Ethernet Disconnected
Blinking with Green	Data is transmitting on Ethernet for 100Mbps
Blinking with Orange	Data is transmitting on Ethernet for 10Mbps

COM Port LED

Message	Description
Off	No data is transmitting on COM port
Blinking	Data is transmitting on COM port

RUN LED

Message	Description
On	AP firmware is disabled
Blinking (rate: 0.5 Sec)	AP firmware is running normally

Installation Procedures:
Step 1: Step 1: Connect SE5001 to a power source using its 5V DC Jack or its 9-30V DC Terminal Block. Note that the DC Jack is 5V only and should be used with a power adaptor.
Step 2: Connect SE5001 to the Ethernet network. Use a standard straight-through Ethernet cable when connecting to a hub/switch. To simply the setup, a cross-over Ethernet cable can be used to connect the serial device server to a PC directly.
Step 3: Connect SE5001's serial port to a serial device.
Step 4: Placement options: Mount SE5001 to a wall/panel (Mounting screws included) or Din-Rail rack (Din-Rail-Kit DK-25).

3. Software Setup

Default Network Setting:	Default User Name/Password:
IP: 10.0.50.100	User Name: admin
Gateway: 10.0.0.254	Password: default
Subnet: 255.255.0.0	

Auto IP (Dynamic IP):

A DHCP server can automatically assigns the IP address and network settings. SE5001 supports the DHCP function. By default, the DHCP function on SE5001 is disabled; you can use SerialManager to enable this function (refer to Figure 3.1).

Figure 3.1. SerialManager utility Dialog Window

Assign a Static IP address by:
A. Using Telnet
1. Make sure the PC is on the same network subnet as SE5001
2. Telnet to SE5001 using DOS command "**Telnet IP_address**". Example: telnet 10.0.50.100
3. SE5001's network, link mode and COM ports settings can be configured in the telnet window

B. Using SerialManager Utility
Use **SerialManager** which comes inside the Product CD to automatically search for all SE5001 connected to the LAN. Select the desired SE5001 to configure the network setting individually.

C. Using Web Browser
1. Make sure the PC is on the same network subnet as SE5001.
2. Open a web browser. Type in the IP address of SE5001 to be configured. Default user name is **admin** and default password is **default**.
3. SE5001's network, link mode and COM ports settings can be configured in different web pages.
4. Click "*Save Configuration*" to save settings.
5. Click "*Restart*" button to make the change effective if necessary.

4. Pin Assignments

The pin assignments of **DB9** connector is shown in the following table:

Pin#	RS-232 Full Duplex	2-Wire RS-485 Half Duplex	RS-422/4-Wire RS-485 Full Duplex
1	DCD	N/A	N/A
2	RXD	N/A (reserved)	**TXD+**
3	TXD	**DATA+**	**RXD+**
4	DTR	N/A	N/A
5	SG (Signal Ground)	SG (Signal Ground)	SG (Signal Ground)
6	DSR	N/A	N/A
7	RTS	**DATA-**	**RXD-**
8	CTS	N/A(reserved)	**TXD-**
9	N/A	N/A	N/A

The pin assignments of **Terminal Block** connector is shown in the following table:

Pin#	RS-422/4-Wire RS-485 Full Duplex	2-Wire RS-485 Half Duplex
1	T+	NC
2	T-	NC
3	R+	Data+
4	R-	Data-
5	SG (Signal Ground)	SG (Signal Ground)

Customer Services and Supports
1. Contact your local dealers or Atop Technical Support Center at the following numbers.
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