

Serial Device Server SD-300 Setup Guide



WA106040XX

Thank you for purchasing the Serial Device Server, SD-300. This Setup Guide provides information on how to set up and use SD-300.

Package Contents

The following items are included in SD-300 package.

- SD-300
- AC adaptor
- Setup Guide (this document)
- GPL license notice
- Warranty Booklet
- Rubber foot (4pcs)

Setup Procedure

The following is the procedure to setup SD-300.

Step1 Before You Begin

Prepare the items and information that will be necessary to setup SD-300.

Step2 Setup

Install SD-300 to your network and configure the network settings.

Step3 Link to Serial Device

Link to your serial device.

Step1 Before You Begin

1-1. Necessary Items

The following items are required in order to use SD-300.

Network Cable	Serial Cable																				
<p>Connect SD-300 to a wired LAN.</p> <p>* In a 100BASE-TX network, a network cable supporting 100BASE-TX (category 5 or above) is required.</p>	<p>Connect SD-300 and your serial device.</p> <p>The serial port PIN assignment is shown on the right.</p> <p>Use the serial cable that came with your serial device (the one you may have been using to connect the PC and serial device directly) or that is recommended in the operating manual of your serial device.</p> <table border="1"> <thead> <tr> <th>Pin</th> <th>Details</th> </tr> </thead> <tbody> <tr><td>1</td><td>DCD(Data Carrier Direct) Input</td></tr> <tr><td>2</td><td>RxD(Receive Data) Input</td></tr> <tr><td>3</td><td>TxD(Transmit Data) Output</td></tr> <tr><td>4</td><td>DTR(Data Terminal Ready) Output</td></tr> <tr><td>5</td><td>GND(Ground) Input</td></tr> <tr><td>6</td><td>DSR(Data Set Ready) Input</td></tr> <tr><td>7</td><td>RTS(Request To Send) Output</td></tr> <tr><td>8</td><td>CTS(Clear To Send) Input</td></tr> <tr><td>9</td><td>RI(Ring Indicate) Input or +5 VDC Power Input</td></tr> </tbody> </table>	Pin	Details	1	DCD(Data Carrier Direct) Input	2	RxD(Receive Data) Input	3	TxD(Transmit Data) Output	4	DTR(Data Terminal Ready) Output	5	GND(Ground) Input	6	DSR(Data Set Ready) Input	7	RTS(Request To Send) Output	8	CTS(Clear To Send) Input	9	RI(Ring Indicate) Input or +5 VDC Power Input
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1-2. Downloading the necessary items

This section explains how to download the necessary utilities and user's manual from our website.

- 1 Access the URL below from the computer you are using to configure the SD-300.
- 2 Go to the **Support** page and select the product model.

URL : <https://www.silextechnology.com/>

Product Model	SD-300
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- 3 Download the utilities and user's manual below and extract them on your computer.

User's Manual	SD-300 User's Manual
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■ The below is used on the computer where you configure SD-300.

Utility	Serial Device Server Setup
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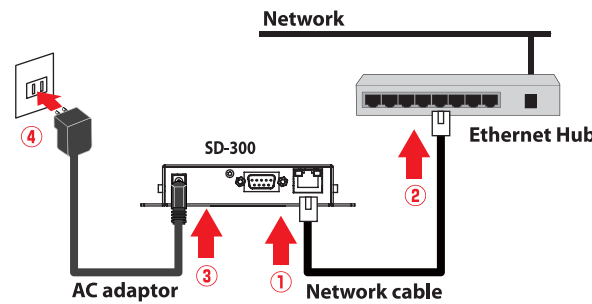
■ The below is used on the computer where you use SD-300.

Utility	SX Virtual Link for Serial Device Server
Installation Guide	SX Virtual Link for Serial Device Server Installation

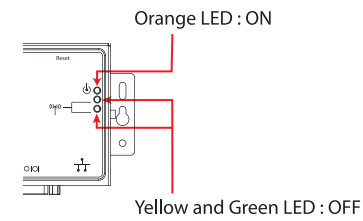
Step2 Setup

2-1. Before Setup

- 1 Connect a network cable to SD-300 and the other end to an Ethernet Hub. Connect an AC adaptor to SD-300 and power plug to an outlet.



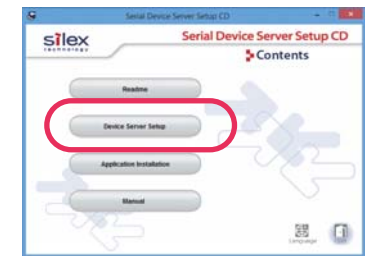
- 2 Check the LEDs on SD-300.
 - Orange LED turns ON
 - Green/Yellow LEDs turn OFF



2-2. Configure Network Settings

- 1 Open the folder "Serial Device Server Setup" you have downloaded and double-click **Sdsetup.exe**.

- 2 Click **Device Server Setup**.



- 3 Click **Wired**.



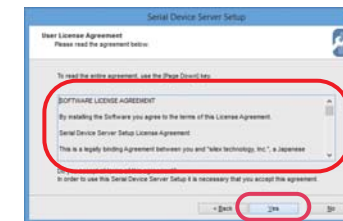
- 4 Click **Yes**.



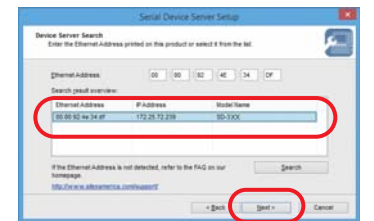
- 5 The Serial Device Server Setup screen is displayed. Click **Next**.



- 6 Read the SOFTWARE LICENSE AGREEMENT and click **Yes**.



- 7 Select SD-300 and click **Next**.



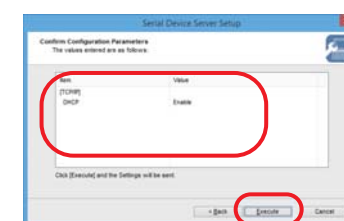
* If the User Account Control screen is displayed, click **Yes** or **Continue**.

- 8 Select **Assign IP Address** and enter the designated IP address and click **Next**.



* When there is a DHCP server on your network and you wish to obtain an IP address automatically from it, select **Get IP Address Automatically** and click **Next**.
* When the window without the option, "Get IP Address Automatically" is displayed, please enter the IP address (mandatory), subnet mask and default gateway.

- 9 Check the settings and click **Execute**.



- 10 Select **Yes** and click **Finish**.



* If you do not want to install SX Virtual Link for Serial Device Server, select **No** and go on to 20.

The following explains how to install SX Virtual Link for Serial Device Server. Follow the instructions on the screen to install it.