October, 2013

SX-DS-3000WN
Setup Guide

English

WA101410XX

Thank you very much for purchasing the wireless USB Device Server "SX-DS-3000WN".
This Setup Guide provides information on how to configure and use SX-DS-3000WN in your network environment. Please follow the instructions on **Step1- Step 4** to configure SX-DS-3000WN.
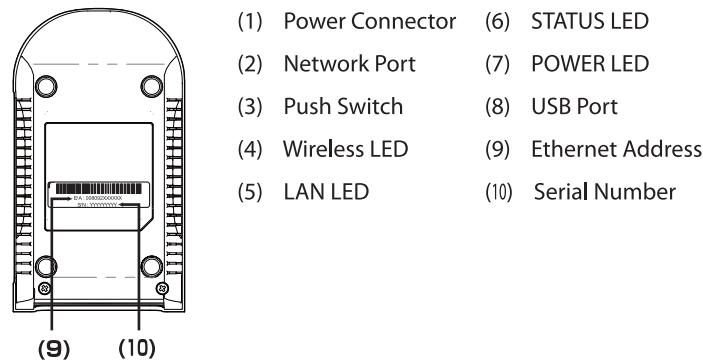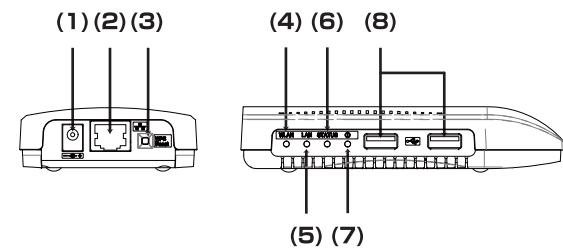
Before you begin, please carefully read the "Safety Instructions" and "About Wireless Interference" in the online manual included in the CD-ROM.

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Package Contents

Please confirm the following items are bundled with SX-DS-3000WN:

☐ SX-DS-3000WN
☐ AC Adaptor
☐ Device Server Setup CD
  (Including configuration software and online manual)
☐ Setup Guide (this document)
☐ SX Virtual Link User's Guide
☐ Warranty Booklet

Parts and Functions

(1)(2)(3)   (4)(6) (8)

(5)(7)

(9) (10)

(1) Power Connector
(2) Network Port
(3) Push Switch
(4) Wireless LED
(5) LAN LED
(6) STATUS LED
(7) POWER LED
(8) USB Port
(9) Ethernet Address
(10) Serial Number

Before You Begin

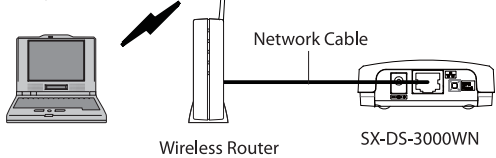### ■ About configuration methods

The following 3 configuration methods are supported.

This Setup Guide explains how to configure SX-DS-3000WN using a network cable. For other configuration methods, please refer to the online manual included in the CD-ROM.

- Configuration using a network cable (Recommended)

By connecting SX-DS-3000WN to your existing network using a network cable, you can configure the network settings from your computer.
For this method, a network cable is required.

● Sample connection

Network Cable

Wireless Router   SX-DS-3000WN

- Configuration using the WPS feature of your wireless router

If your wireless router supports WPS (Wi-Fi Protected Setup), the network configuration can be done automatically by pressing the wireless connection button on your wireless router and the push switch on SX-DS-3000WN.
For this configuration method, a wireless router supporting WPS is required.

- Configuration using a USB flash drive

By saving the configuration information to a USB flash drive and connecting it to SX-DS-3000WN, you can configure the network settings. To save the configuration information to the USB flash drive, please use the configuration utility contained in the CD-ROM. For this configuration method, a USB flash drive is required.

Step1 Check Your Wireless Settings

To use SX-DS-3000WN in your wireless network, SX-DS-3000WN must have the same settings as your wireless router (Access Point).
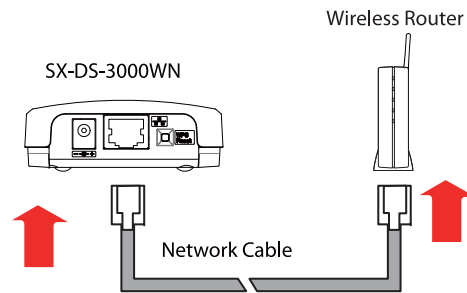Please check the wireless settings of your router and write them down in the table below:

* The information below is specific to your network and cannot be provided by silex technical support. For how to confirm each setting, please refer to the operating manual that came with your router or contact the manufacturer.

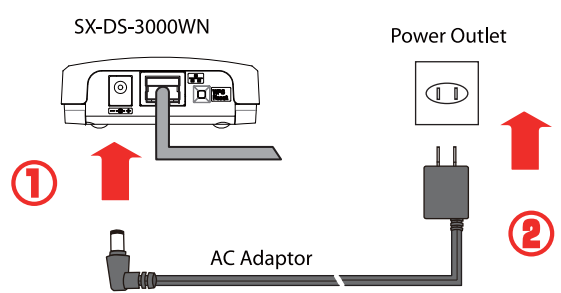|		Configuration Memo	
Wireless Mode	This can be either "Infrastructure" mode or "Ad hoc" mode. Select "Infrastructure" mode when you wish to connect to your network via a wireless router. Select "Ad hoc" mode when you wish to make a direct connection to your wireless computer without using a wireless router. When using this mode, set the same channel as your wireless computer.	Infrastructure / Ad hoc (ch.)	
SSID	The SSID is an ID that distinguishes a wireless LAN network from others. For wireless devices to communicate with each other on a wireless network, they must share the same SSID. (The SSID is also referred to as "ESSID".) Depending on your wireless router, it may have several SSIDs. If there are different SSIDs for a game console and computer, use the one for the computer.	SSID	_____
Encryption Mode (Network Authentication)	No Encryption — Uses no encryption for wireless communication. (In this case, you do not have to check any of your settings beforehand.)	Network Authentication	WEP / WPA / WPA2 (Open / Shared)
	WEP — If WEP encryption is used, wireless communication will be encrypted using the settings for "WEP Key 1-4" and "Key Index". Set the same "WEP Key Size(64bit/128bit)", "WEP Key" and "Key Index" as your wireless router.	WEP Key or Pre-Shared Key	_____
	WPA / WPA2 — Uses PSK for network authentication. The encryption key will be generated by communicating with the wireless router using a Pre-Shared key. WEP key setting is not used for this mode. Set the same "Pre-Shared key" and "Encryption Mode"(TKIP/AES) as your wireless router. The Pre-Shared key is also referred to as "Network Key" or "Password".	WEP key Size and Key Index or Encryption Mode	_____

Step2 Power On

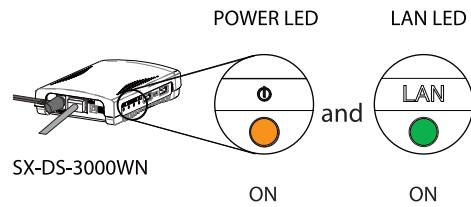Connect SX-DS-3000WN to your network using a network cable.

1 Connect SX-DS-3000WN to your wireless router using a network cable.

Wireless Router

SX-DS-3000WN

Network Cable

2 Connect the AC adaptor to SX-DS-3000WN and the AC plug to the power outlet.

SX-DS-3000WN   Power Outlet

①

AC Adaptor   ②

3 Confirm that both the POWER LED and the LAN LED turn on.

POWER LED   LAN LED

and

SX-DS-3000WN

ON   ON

If the POWER LED is OFF

The AC adaptor is not plugged in properly.
Start from **Step2-2** again.

If the LAN LED turns to Green or Orange

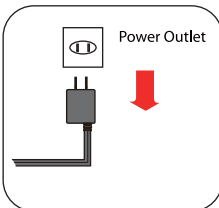SX-DS-3000WN successfully connected to your network. Go on to **Step 3**.

If the LAN LED is OFF

The network cable is not plugged in properly. Start from **Step2-1** again.
If the network cable is plugged in properly, SX-DS-3000WN may contain incorrect network settings. In such a case, reset SX-DS-3000WN to factory defaults and start from **Step2-1** again. For details on how to reset SX-DS-3000WN to factory defaults, refer to "**Factory Default Configuration**".
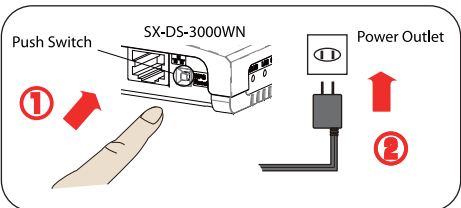

Factory Default Configuration

If SX-DS-3000WN was previously configured for a different network or you wish to start configuration from factory defaults again, follow the instructions to the right.
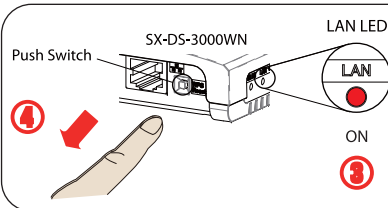
1 Remove the AC plug from the power outlet.

Power Outlet

2 Press and hold down the push switch on SX-DS-3000WN while inserting the AC plug back into the power outlet.
Keep holding for a while and release the push switch when the LAN LED turns to Red.

Push Switch   SX-DS-3000WN   Power Outlet

①   ②

Keep holding down the push switch

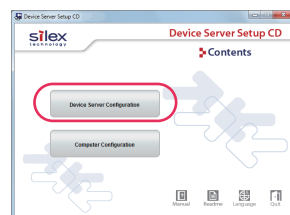Push Switch   SX-DS-3000WN   LAN LED

LAN

④   ON   ③

Step3 Setup SX-DS-3000WN

Configure SX-DS-3000WN using the configuration software included in the Device Server Setup CD.
The configuration can be done from Windows or Macintosh computers.

<<< Windows environment >>>

1 Insert the Device Server Setup CD into your computer.
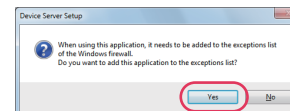
2 Click **Device Server Configuration**.

* If the menu screen does not appear automatically, open **My Computer**, select the CD-ROM drive and execute **Autorun.exe**.

3 Click **Configure using the setup utility (Recommended)**.

* In Windows 7 (or Windows Vista), the User Account Control screen is displayed. Click **Yes**. (Click **Continue** in Windows Vista).
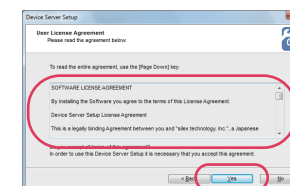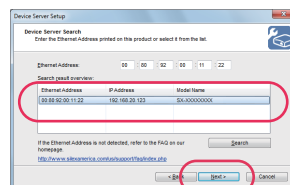
4 Click **Yes**.

5 Read the displayed information and click **Next**.

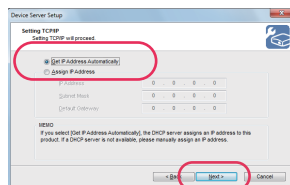**6** Read the software license agreement and click **Yes**.

7 Select SX-DS-3000WN and click **Next**.

* If SX-DS-3000WN is not displayed in the list,,,
- Check that the network settings on your computer (IP address settings) are properly configured.
- Please temporarily disable any security software (e.g. "Norton", "McAfee", etc.) and Windows XP firewall.
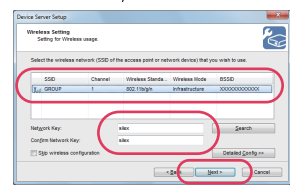
8 Select **Get IP Address Automatically** and click **Next**.

* If you wish to assign an IP address manually, click **Assign IP Address** and enter the IP address, subnet mask and default gateway.
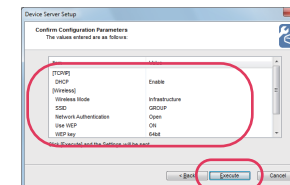* If the option, "**Get IP Address Automatically**" does not appear, an IP address cannot be obtained via DHCP server. In such a case, a sample address created with your computer's settings will be displayed. Please enter an IP address manually.

9 Select the wireless network that you wish to connect to from the list , enter the network key and click **Next**.
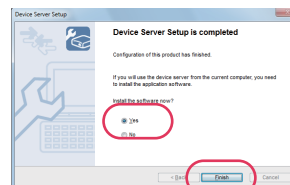

* Use the wireless setting information that you have collected at **Step 1**. Select the SSID of the wireless network that you wish to connect to and enter the network key. If the wireless network that you wish to connect to is not shown in the list, click the **Detailed Config** button and configure each setting in the window displayed.
* If you plan to use SX-DS-3000WN on a wired network using a network cable, check **Skip wireless configuration** and click **Next**.

10 Confirm your settings and click **Execute**.

* The information displayed here will differ depending on your selection.
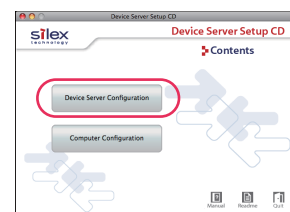
11 Select **Yes** and then click **Finish**.

Before clicking **Finish**, follow the instructions on **Step 4** to make your settings take effect. After completing **Step 4**, click **Finish** and go on to install the USB device connection utility, "**SX Virtual Link**".

<<< Macintosh environment >>>

1 Insert the Device Server Setup CD into your computer.

2 Double click the CD-ROM icon ( ) and then double click **DSSetup** ( ).

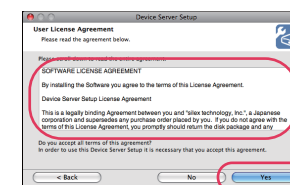**3** Click **Device Server Configuration**.

4 Click **Configure using the setup utility (Recommended)**.
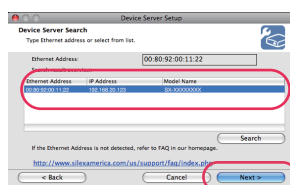

5 Read the displayed information and click **Next**.

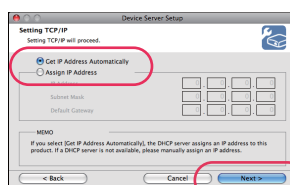**6** Read the software license agreement and click **Yes**.

7 Select SX-DS-3000WN and click **Next**.

* If SX-DS-3000WN is not displayed in the list,,,
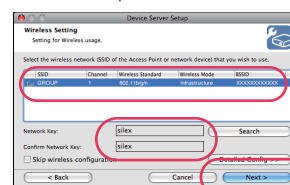- Check that the network settings on your computer (IP address settings) are properly configured.

8 Select **Get IP Address Automatically** and click **Next**.

* If you wish to assign an IP address manually, click **Assign IP Address** and enter the IP address, subnet mask and default gateway.
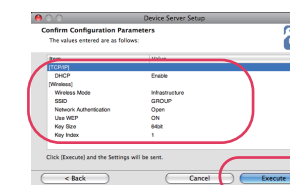* If the option, "**Get IP Address Automatically**" does not appear, an IP address cannot be obtained via DHCP server. In such a case, a sample address created with your computer's settings will be displayed. Please enter an IP address manually.

9 Select the wireless network that you wish to connect to from the list, enter the network key and click **Next**.
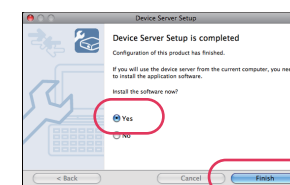

* Use the wireless setting information that you have collected at **Step 1**. Select the SSID of the wireless network that you with to connect to and enter the network key. If the wireless network that you wish to connect to is not shown in the list, click the **Detailed Config** button and configure each setting in the window displayed.
* If you plan to use SX-DS-3000WN on a wired network using a network cable, check **Skip wireless configuration** and click **Next**.

10 Confirm your settings and click **Execute**.

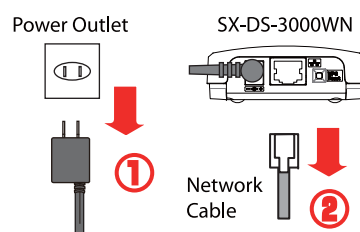* The information displayed here will differ depending on your selections.

11 Select **Yes** and then click **Finish**.

Before clicking **Finish**, follow the instructions on **Step 4** to make your settings take effect. After completing **Step 4**, click **Finish** and go on to install the USB device connection utility, "**SX Virtual Link**".
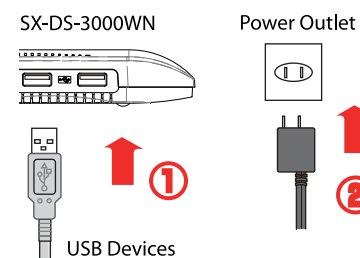
Step4 Enable the New Settings

Restart SX-DS-3000WN to make your new settings take effect.

1 Remove the AC plug from the power outlet and the network cable from SX-DS-3000WN.

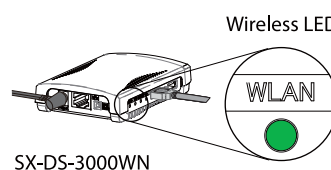Power Outlet   SX-DS-3000WN

① Network Cable
②

* If you plan to use SX-DS-3000WN on a wired network, it is not necessary to unplug the network cable.

2 Connect the USB device that you wish to use over the network to SX-DS-3000WN using a USB cable and then insert the AC plug of SX-DS-3000WN into the power outlet.

SX-DS-3000WN   Power Outlet

①
②

USB Devices

3 Confirm that the Wireless LED turns on.

Wireless LED

WLAN

SX-DS-3000WN   ON

If the Wireless LED turns to Green
SX-DS-3000WN successfully connected to the wireless network. The setup is now complete.

If the Wireless LED blinks in Orange
SX-DS-3000WN is searching for a wireless network. Please wait until a wireless connection is made. If there is no connection within 2-3 min, SX-DS-3000WN's wireless settings may not have been configured properly. Go back to **Step 1** and check the wireless setting information once again.

If the Wireless LED is OFF
The network cable is plugged in. If you intend to use SX-DS-3000WN in a wireless network, follow the instructions from **Step 4-1** again. If you intend to use SX-DS-3000WN in a wired network, check the LAN LED's lighting pattern. If the LAN LED turns to Green or Orange, SX-DS-3000WN has been connected to a wired network. The setup is now complete.

4 Go on to install the USB device connection utility, **SX Virtual Link**. Please refer to the "**SX Virtual Link User's Guide**".