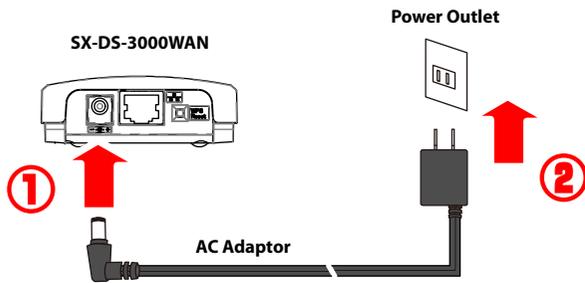


SX-DS-3000WAN allows you to configure its wireless settings easily using a push switch if your wireless router supports WPS (Wi-Fi Protected Setup). This sheet explains how to configure wireless settings using the push switch.

## ! NOTE

- To perform the wireless configuration using WPS, your wireless router must support WPS. Please make sure that a wireless router supporting WPS is set up in your environment.
- While performing this configuration, please temporarily move SX-DS-3000WAN closer to your wireless router to make it easier for both devices to communicate.
- Depending on your wireless router, WPS may need to be enabled manually. For details, refer to the operation manual that came with your wireless router.
- If a security feature such as MAC Address filtering is enabled on your wireless router, disable it temporarily so that SX-DS-3000WAN can communicate with your wireless router.

**1** Connect the AC adaptor to SX-DS-3000WAN and the AC plug to the power outlet.



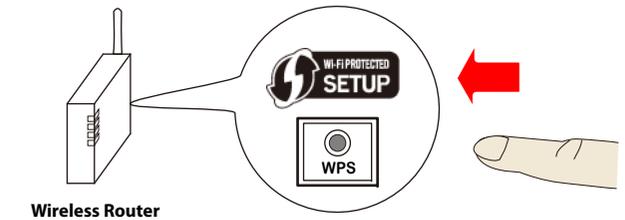
- It is not necessary to connect a network cable to SX-DS-3000WAN.

**2** Confirm that the Wireless LED(WLAN) on SX-DS-3000WAN blinks in Orange or turns to Green.



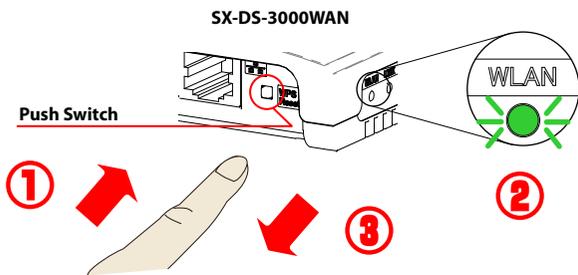
- If the Wireless LED does not blink in Orange or turn to Green, reset SX-DS-3000WAN to factory defaults and start from step 1 again. For how to reset SX-DS-3000WAN to its factory defaults, refer to the Users Manual or Setup Guide.

**3** Press the WPS button on your wireless router. Confirm that your wireless router is ready for a wireless connection to be made.



- The name, position and shape of the WPS button will differ depending on your wireless router. For details, refer to the operation manual that came with your wireless router.
- Please use only one wireless router. If two or more routers are waiting for wireless connections, SX-DS-3000WAN will not be able to connect properly.

**4** Press and hold the push switch on SX-DS-3000WAN. When the Wireless LED blinks in Green, release the push switch.



- Within 3-10 sec after pressing and holding down the push switch, the Wireless LED will blink in Green.

**5** SX-DS-3000WAN will start to communicate with your wireless router. The Wireless LED's lighting pattern will show you if the wireless configuration succeeded or failed.



- It may take a while to complete the wireless configuration depending on your environment (up to 2 min).

- When successful, the Wireless LED will turn to Green.  
In this case, wireless configuration is complete.
  - Power off SX-DS-3000WAN, move it to where you wish to use it and then power it on again.
  - Connect the USB device(s) that you wish to use over the network to SX-DS-3000WAN.
  - To install the software applications onto your computer, click **Computer Configuration** from the menu screen. For details, refer to the Users Manual.

- It is not necessary to install the applications if you plan to use printers with the standard Windows printing feature.

- ✗ When wireless configuration has failed, the Wireless LED will blink in Red.  
Read the instructions on this sheet and start from step 3 again.

# SX-DS-3000WAN Setup Guide

English



Thank you very much for purchasing our wireless USB Device Server "SX-DS-3000WAN".

This Setup Guide provides information on how to configure and use SX-DS-3000WAN in your network environment. Please follow instructions on **Step1- Step 4** to configure SX-DS-3000WAN.

Before you begin, please carefully read the "Safety Instructions" and "About Wireless Interference" in the online manual included in the CD-ROM to properly configure SX-DS-3000WAN.

(De) Auf der CD-ROM befindet sich ein deutschsprachiges Setup-Handbuch im PDF-Format. Zum Anzeigen der PDF-Datei unter Windows benötigen Sie den Acrobat Reader.

(Fr) Un guide d'installation en français au format PDF est inclus dans le CD-ROM. Acrobat Reader est nécessaire pour lire les fichiers PDF dans un environnement Windows.

(It) Una Guida alla configurazione in italiano è inclusa nel CD-ROM come file PDF. Per visualizzare il file PDF in ambiente Windows è necessario Acrobat Reader.

(Es) En el CD-ROM se incluye una Guía de instalación en español como archivo PDF. Se necesita Acrobat Reader para ver el archivo PDF en un entorno Windows.

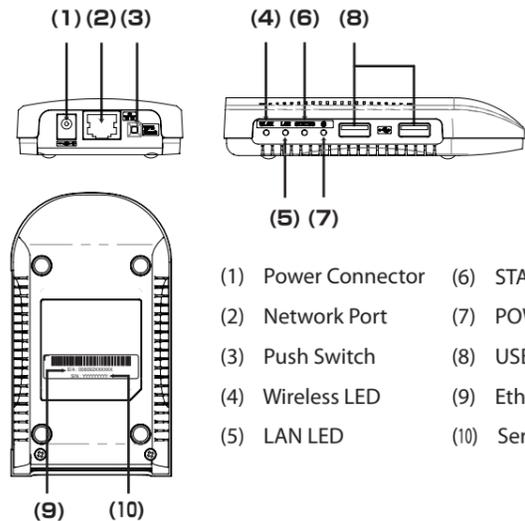
(Pt) Um Guia de Configuração em português é fornecido no CD-ROM no formato de arquivo PDF. É necessário ter o Acrobat Reader para visualizar o arquivo PDF em um ambiente Windows.

## Package Contents

Please check the following items are bundled with SX-DS-3000WAN:

- SX-DS-3000WAN
- AC Adaptor
- Device Server Setup CD (Including configuration software and online manual)
- Setup Guide (this document)
- SX Virtual Link User's Guide
- Warranty Booklet
- Rubber feet (4 pcs)

## Parts and Functions



## User Registration

Please complete the user registration after you finish the setup. It is required to provide you better technical supports and services.

User Registration Website

<http://www.silex.jp/register/>

For the user registration, a Serial Number is required. The Serial Number is a last 6-digit number of the Ethernet Address(12-digit number) which can be found on the bottom of the unit.

Example: If the Ethernet Address is "00:80:92:00:11:22", the Serial Number will be "001122".

## Before You Begin

### About configuration methods

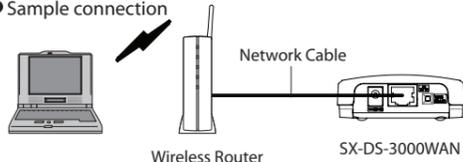
Following 3 configuration methods are supported.

This Setup Guide explains how to configure SX-DS-3000WAN 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-3000WAN 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



#### - Configuration using a 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-3000WAN. 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-3000WAN, 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 Necessary Wireless Setting Information

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

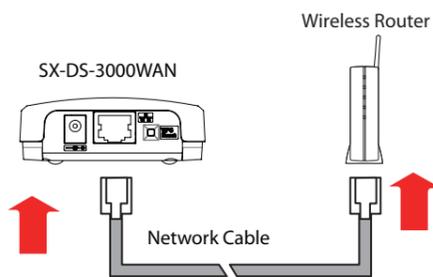
\* The information below will be your own information that is used on your network and none of us are able to find it from our side. For how to see each setting, please refer to the operating manual that came with your router or contact the manufacturer.

		Configuration Memo
Wireless Mode	There are "Infrastructure" mode and "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 machine 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.)
	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.
	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".
Network Authentication	WEP / WPA / WPA2 (Open / Shared)	WEP Key or Pre-Shared Key _____
		WEP key Size and Key Index or Encryption Mode _____

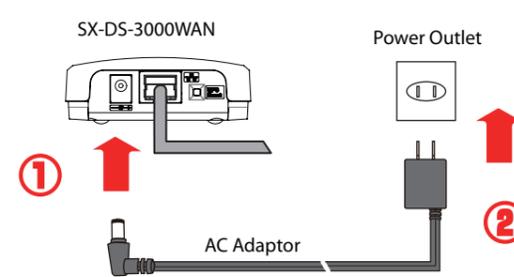
## Step2 Getting Started

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

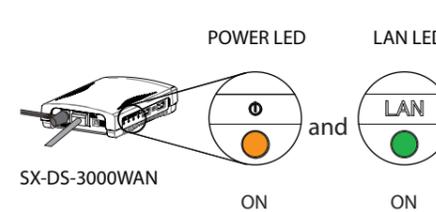
**1** Connect SX-DS-3000WAN to your wireless router using a network cable.



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



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



### If POWER LED is OFF

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

### If LAN LED turns to Green or Orange

Successfully connected to your network. Go on to **Step 3**.

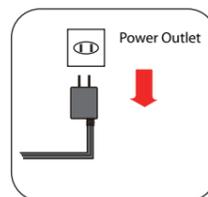
### If LAN LED is OFF

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

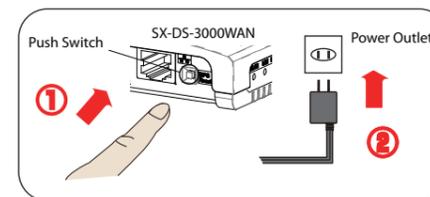
## Factory Default Configuration

If SX-DS-3000WAN has been used in other network or you wish to start configuration from factory defaults again, follow the instructions below.

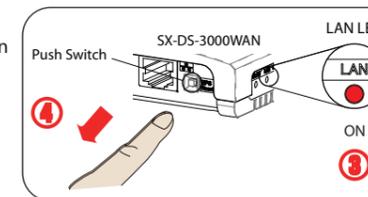
**1** Remove the AC plug from the power outlet.



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



Keep holding down the push switch



## Step3 Setup SX-DS-3000WAN

Configure SX-DS-3000WAN 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**.



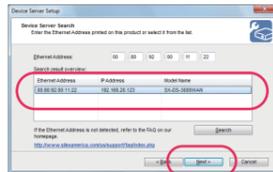
- 5** Check the notice information and click **Next**.



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



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



\* If SX-DS-3000WAN is not displayed in a list,,  
- Check the network setting on your computer (IP address setting) is properly configured.  
- Please temporarily disable the security software (e.g. "Virus Buster" of Trend Micro, Inc.) or the firewall function of Windows XP.

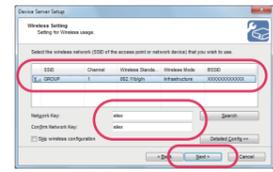
- 8** Select **Get IP Address Automatically** and click **Next**.



\* If you wish to assign the IP address manually, click **Assign IP Address** and enter the IP address, subnet mask and default gateway.

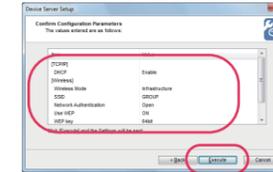
\* If the window does not have the option, "**Get IP Address Automatically**", it is unable to obtain the IP address from DHCP server. In such a case, the sample address created with your computer's setting will be displayed. Please enter the IP address manually.

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



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

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



\* The information displayed here will differ depending on how you have configured.

- 11** Click **Yes** and click **Finish**.



Before clicking **Finish**, follow the instructions on **Step 4** to take effect of the configuration you made. 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)**.



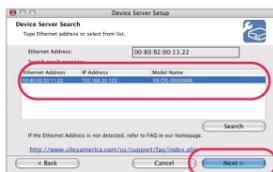
- 5** Check the notice information and click **Next**.



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

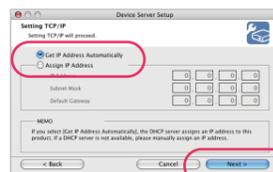


- 7** Select SX-DS-3000WAN and click **Next**.



\* If SX-DS-3000WAN is not displayed in a list,,  
- Check the network setting on your computer (IP address setting) is properly configured.

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



\* If you wish to assign the IP address manually, click **Assign IP Address** and enter the IP address, subnet mask and default gateway.

\* If the window does not have the option, "**Get IP Address Automatically**", it is unable to obtain the IP address from DHCP server. In such a case, the sample address created with your computer's setting will be displayed. Please enter the IP address manually.

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



\* Use the wireless setting information that you have checked 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 on a list, click **Detailed Config** button and configure each setting in the window displayed.  
\* If you plan to use SX-DS-3000WAN on a wired network using a network cable, check **Skip wireless configuration** and click **Next**.

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



\* The information displayed here will differ depending on how you have configured.

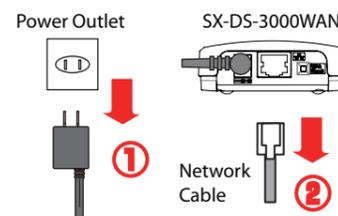
- 11** Click **Yes** and click **Finish**.



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

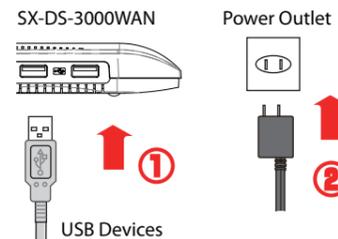
## Step4 Enabling the New Settings

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

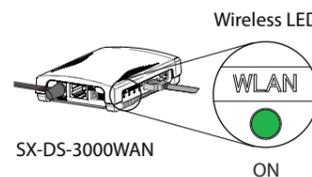


\* If you plan to use SX-DS-3000WAN on a wired network, it is not necessary to unplug the network cable.

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



- 3** Confirm that the Wireless LED turns on.



### If Wireless LED turns to Green

Successfully connected to the wireless network. The setup is complete now.

### If Wireless LED blinks in Orange

Searching for a wireless network. Please wait until a wireless connection is made. When not connected within 2-3 min, the SX-DS-3000WAN's wireless settings may not have been configured properly. Go back to **Step 1** and check the wireless setting information once again.

### If Wireless LED is OFF

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

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

## **Federal Communication Commission Interference Statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device is restricted to indoor use when operated in the 5.15 to 5.25 GHz frequency range.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

## **Canada Request**

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

The device for the band 5150-5250 MHz is only for indoor usage to reduce potential for harmful interference to co-channel mobile satellite systems;

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.