



# SKD-3X10-W, SLN-3X10-W



**SKD-3110-W**



**SKD-3210-W**



**SLN-3110-W**



**SLN-3210-W**

**SKD-3110-W, SKD-3210-W**

**SLN-3110-W, SLN-3210-W**

**User Guide**

**V 1.1**

# 1. Over view

The SKD/SLN Wi-Fi series are SIP telephones with Wi-Fi connectivity that provides voice communication. Read this user guide carefully to learn how to configure this product and take advantage of its features.

## Package Contents

When unpacking the device, ensure all the following items are present and undamaged. If anything appears to be missing or broken, contact your dealer for a replacement.

1. **Base Unit (SKD-3X10-W or SLN-3X10-W Corded Wi-Fi SIP phone)**
2. **Handset**
3. **AC/DC Adaptor**
4. **User Guide (This document)**

## 2. Product Description

SKD/SLN-3X10-W is a Wi-Fi VoIP terminal. The purpose of this brief guide is to familiarize the reader with the AEI's SKD/SLN-3X10-W, and to guide the reader through the process of configuring the SKD/SLN-3X10-W.

### Front View



SKD-3110-W



SKD-3210-W



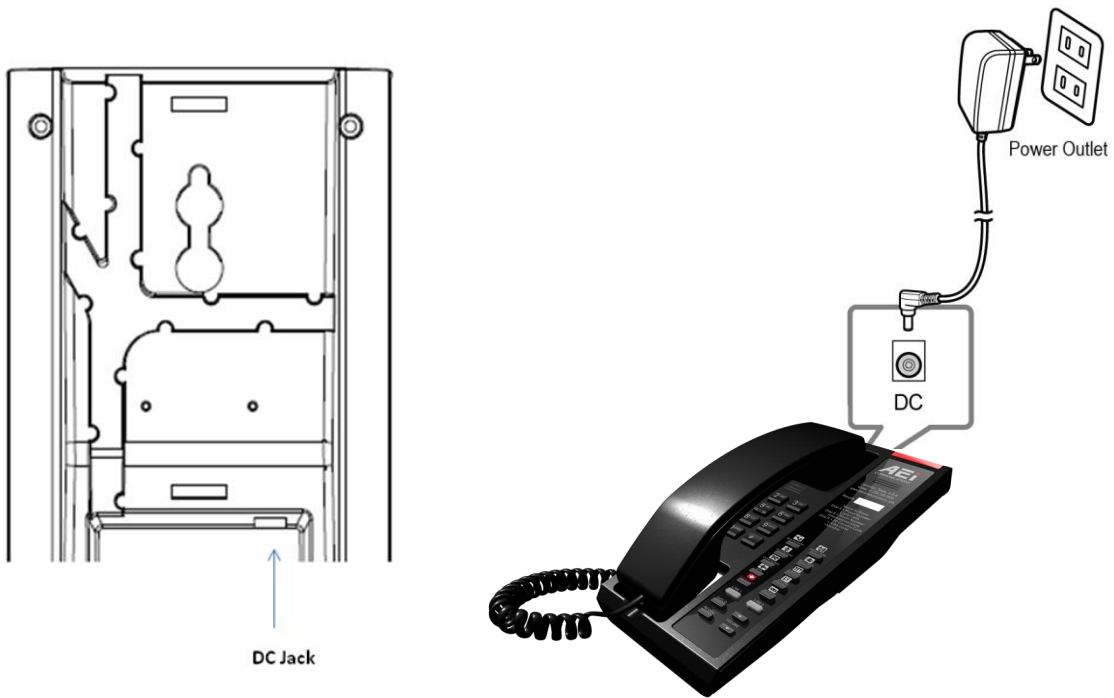
SLN-3110-W



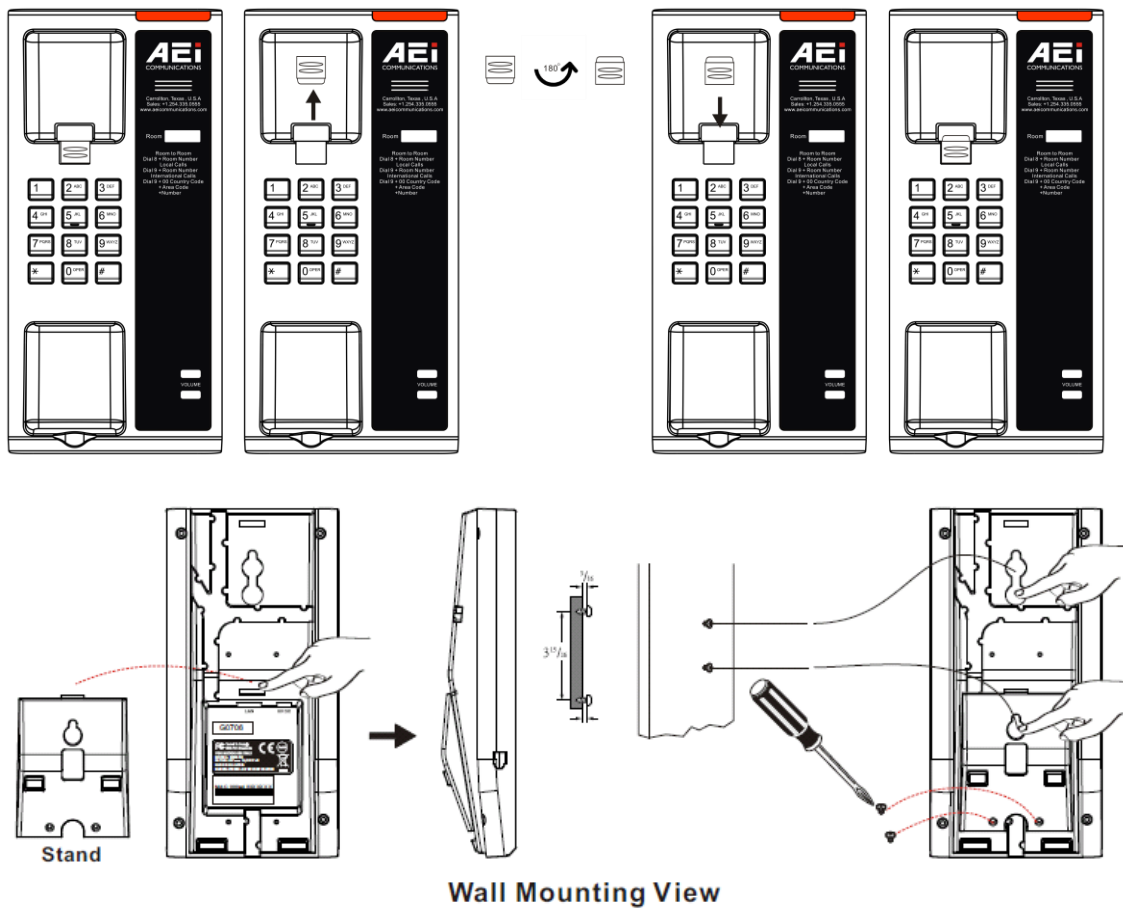
SLN-3210-W

Name	Description	
1	Ring indicator	A red-color incoming call indicator.
2	Dialing pad	Press the buttons to dial a phone number or enter alphabetical characters.
3	Service speed dial keys	Press any of the keys to speed dial the preset service number.
4	HOLD	Press to put an active call on hold.
5	REDIAL	Press to call the last dialed number.
6	LINE 1 / LINE 2	Two LINE buttons.
7	Volume control keys	Increases or decrease the volume of the current active voice receiver for handset. The volume button also controls the ringer volume when on-hook.

### 3. Installation



The following illustrations show the guide for wall-mounting the phone.



## 4. Web Configuration

### AP mode

To setup the SKD/SLN-3X10-W from web configuration manually, boot the phone to the AP mode. Please power on the phone and press HOLD, \*300\*101#. The SKD/SLN-3X10-W will enter the AP mode. Please connect PC to the SKD/SLN-3X10-W as an access point.

The AP mode SSID: "SLN3X10". And please contact us for the AP mode password.

### Web Configuration Login

After connecting with PC, use a web browser to access the web configuration portal at <http://<<192.168.4.1>>:8000> with username/password: **admin/1234**.

If the unit was configured, press HOLD \*112\*113# to retrieve IP address from handset. Use a web browser to access the web configuration at <http://<<retrieved IP address >>:8000> with username/password: **admin/1234**.



The image shows a screenshot of a web browser displaying the login page for the SLN3X10 device. The page has a dark background with white text. At the top, the text "SLN3X10" is displayed in a large, bold, white font. Below this, the word "Login" is written in a smaller, red font. There are two input fields: the first is labeled "Username:" and contains the text "admin"; the second is labeled "Password:" and contains four black dots. A "login" button is located at the bottom right of the form area.

After logging in, the system information shows as below.

System Status		
<a href="#">Status</a>	FW Version :	FW:v1.0.5 FS:f0.1
<a href="#">WIFI</a>	WIFI SSID :	ZF7321
<a href="#">VoIP</a>	Provision IP :	192.168.168.151
<a href="#">Speed Dial</a>	Provision File :	1117.cfg
<a href="#">Dial Plan</a>	Upgrade IP :	tftp://192.168.168.151:69
<a href="#">Volume</a>	Upgrade FILE :	sln3x10 sln3x10
<a href="#">System</a>		

## WIFI

Setup the target AP Wi-Fi SSID, Password and the IP type.

WIFI Setup	
WIFI SSID :	<input type="text" value="FAE"/>
WIFI PASSWORD:	<input type="text" value="1234567890"/>
WIFI IP Type:	<input type="text" value="DHCP"/>
<input type="button" value="Submit"/>	

### WIFI SSID:

The target Wi-Fi AP SSID

### WIFI PASSWORD:

The target Wi-Fi AP Password

### WIFI IP Type:

Default is DHCP.

## VoIP

Setup the SIP account

VoIP Setup	
Switch :	<input type="text" value="Enable"/>
Display name :	<input type="text" value="1361"/>
User name :	<input type="text" value="1361"/>
Authentication Name :	<input type="text" value="1361"/>
Password :	<input type="text" value="1361"/>
Register Domain :	<input type="text" value="192.168.168.249"/>
Register IP :	<input type="text" value="192.168.168.249:5060"/>
Register Backup Domain :	<input type="text"/>
Register Backup IP :	<input type="text"/>
First Codec :	<input type="text" value="G.711 U"/>
Second Codec :	<input type="text" value="G.711 A"/>
Frame Size :	<input type="text" value="20 ms"/>
2833 PayLoad :	<input type="text" value="101"/>
SIP Local Port :	<input type="text" value="5060"/>
RTP Port :	<input type="text" value="42000"/>
Expire :	<input type="text" value="300"/>
MWI :	<input type="text" value="Disable"/>
DNS SRV :	<input type="text" value="Disable"/>
Keep Alive :	<input type="text" value="Disable"/>
DTMF Type :	<input type="text" value="RFC 2833"/>
Caller ID :	<input type="text" value="Disable"/>
<input type="button" value="Submit"/>	

**Switch:**

Check "Enable" to enable SIP registration or "Disable" to disable the SIP account temporarily.

**Display Name:**

Display Name is the name of the phone or the location of the phone on the remote party.

**User name:**

User name of the SIP account, also known as user ID or extension number.

**Authentication Name:**

Authentication Name is for SIP authentication.

**Password:**

Password of the SIP account

**Register Domain:**

FQDN, SIP domain name or IP address of the SIP server

For example, voip.aeicomunications.com or 172.8.12.11

**Register IP:**

IP address of the SIP Server

If the listening port of the SIP Server is different from 5060, please add the port to at end of address. Ex 172.8.12.11:5061

**Register Backup Domain:**

IP address of the secondary SIP server

For example, 172.8.12.12

**Register Backup IP:**

IP address of the secondary SIP Server

For example, 172.8.12.12

**Codec Priority:**

Select the first priority codec and second priority codec.

**Frame Size:**

Frame size for G711u and G711a.

G711 ranges from 20ms and 40ms.

**2833 Payload:** (Default, 101)

DTMF RFC2833 Payload Type, ranging from 96 ~ 127

**SIP Local Port:** (Default, 5060)

SIP Local port

**RTP Port Base:** (Default, 42000)

The port of RTP starts

**Expire:** (Default, 600)

SIP registration expiration time (seconds); select from 60, 120, 300 and 600

**MWI:** (Default, Disable)

Enable to subscribe message waiting information.

**DNSSRV:** (Default, Disable)

Enable DNSSRV query

**Keep Alive:** (Default, Disable)

Send keep alive package to keep the SIP registration from being blocked

**DTMF Type:** (Default, RFC 2833)

DTMF for transmitting digits, \* and #; select from RFC2833, SIP Info and In Band

**Caller ID:** (Default, Disable)

Display the caller id of an incoming call

## Speed Dial (Service Speed Dial)

Configure the service speed dial keys.



Speed Dial Setup	
Speed Dial 1. :	<input type="text"/>
Speed Dial 2. :	<input type="text"/>
Speed Dial 3. :	<input type="text"/>
Speed Dial 4. :	<input type="text"/>
Speed Dial 5. :	<input type="text"/>
Speed Dial 6. :	<input type="text"/>
Speed Dial 7. :	<input type="text"/>
Speed Dial 8. :	<input type="text"/>
Speed Dial 9. :	<input type="text"/>
Speed Dial 10. :	<input type="text"/>
<input type="button" value="Submit"/>	

## System

System Setup	
Web Username:	<input type="text" value="admin"/>
Web Password:	<input type="text" value="1234"/>
Dial Timeout:	<input type="text" value="8"/>
Hot Line Enable:	<input type="button" value="Disable"/>
Hot Line Number:	<input type="text"/>
Auto Upgrade:	<input type="button" value="Enable"/>
Provision Server:	<input type="text" value="192.168.168.151"/>
Provision File:	<input type="text" value="1117"/>
Upgrade Protocol:	<input type="button" value="TFTP"/>
Upgrade Server:	<input type="text" value="192.168.168.151"/>
Firmware:	<input type="text" value="sln3x10"/>
<input type="button" value="Submit"/>	
Reboot :	<input type="button" value="Reboot"/>
Default :	<input type="button" value="Default"/>
Upgrade :	<input type="button" value="選擇檔案"/> 未選擇任何檔案 <input type="button" value="Upgrade"/>

### Web Username:

The username of web configuration portal. Default is admin.

### Web Password:

The password of web configuration portal. Default is 1234

### Dial Timeout:

Default is 8



**Hot Line Enable:**

Default is Disable, when need this function, suggest to select to "3 Seconds".

**Auto Upgrade:**

Default is Disable.

**Provision Server:**

The IP address information of the server, for example, 192.168.1.54. The phone will retrieve the .cfg file.

**Provision File:**

The name (room number) of the provision file in the root folder of the server.

Ex.1234: 1234.cfg

Empty MAC.cfg

**Upgrade Protocol:** (Default, TFTP)

Select the firmware upgrade protocol, TFTP or HTTP.

**Upgrade Server:**

The IP address information of the server, for example, 192.168.1.54.

**Firmware:**

The file name of the firmware in the root folder of the server

**Reboot:**

Click "Reboot" to restart the phone.

**Default:**

Click "Default" to reset phone to factory default.

**Upgrade:**

Click "Select File" to select the firmware from your laptop, then click the "Upgrade" button to upload the firmware to phone via your web browser.

## 5. Quick commands

**Enable AP mode:**

Press HOLD \*300\*101#

**Reboot:**

Press HOLD \*112\*110#

**Reset Default:**

Press HOLD \*112\*111#

**Retrieve IP address from handset:**

Press HOLD \*112\*113#

# 6. Operations

## Making and Receiving Calls

### Making a Call

#### Dialing from keypad on the base

Pick up the handset and enter the number with the alphanumeric keypad followed by “#” key to dial or wait 4 seconds to dial automatically.

### Receiving a Call

An incoming call is indicated by a ringtone and a red the incoming call indicator. Answer the call by picking up the handset.

## Service Speed Dials

You can pre-configure service speed dials for the phone. And press the service speed dial key to reach the desired destination. by picking up the handset.

## Call Options

### Putting a Call on Hold

Press the **HOLD** button to hold the call. Press the HOLD button again or press the Line key to retrieve the call.

### Call Redial

Press the **REDIAL** key to dial the last dialed number.

# 7. Support

For further technological support, please email to [support@aeicommunication.com](mailto:support@aeicommunication.com).

# Record of Revision

Date	Ver.	Description
2024/8/1	1.0	First issue
2024/10/7	1.1	Wall-mount installation diagram update.