SP520N

2.4G 300Mbps Wireless IP PBX

Components   Please check the package for any missing or damaged component.

* Photo may vary from actual product.

| SP520N Main | Power adapter | LAN Cable | Manual |

VOISON
Genuine VoIP System

Customer service : www.voison.co.kr / support@bcinc.co.kr

This wireless device may cause propagation interference, and so, it cannot be involved with life-saving services.
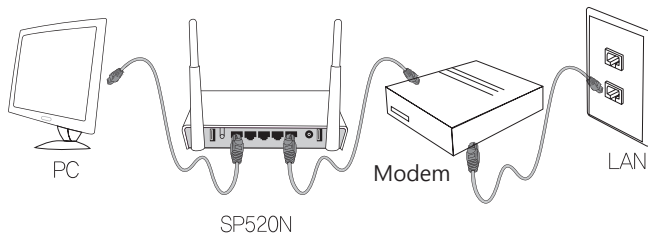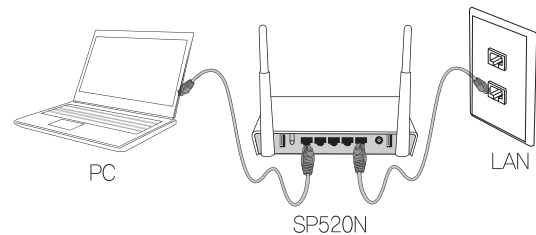
SP520N Setup

Setup Methods

● Connect the components as in the figure and setup according to the following sequence.
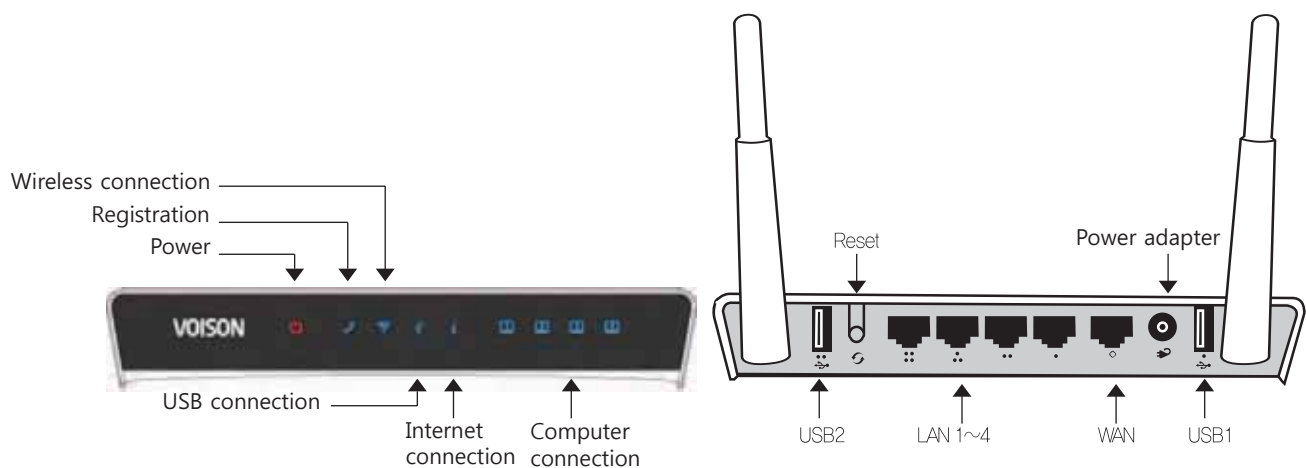
Modem Type

PC

SP520N

Modem

LAN

LAN Type

PC

SP520N

LAN

① Connect internet line to WAN port.
② Connect the computer to NAN port using NAN cable.
③ Connect the power adapter (12V 1A).
④ Check the LED lights on the front panel of SP520N.

LEDs & Back Panel

● Exterior view to help proper use of SP520N.

Wireless connection
Registration
Power

VOISON

USB connection

Internet connection

Computer connection

Reset

Power adapter

USB2

LAN 1~4

WAN

USB1

Caution

⚠ - Do not connect the device to other brand routers, which may affect some functions.
- Use the supplied power adapter. Other adapters may cause malfunction of the device.
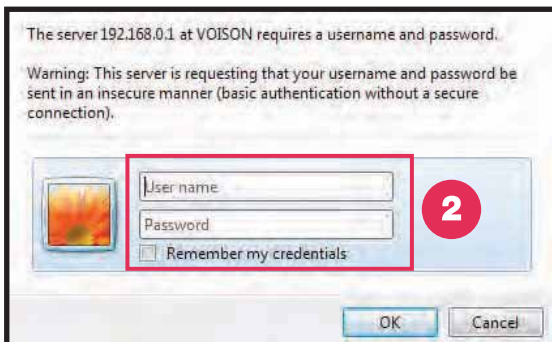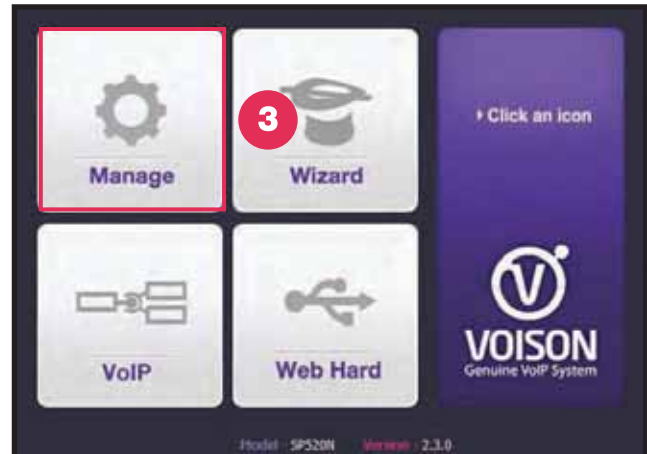
Internet Setting of SP520N

SP520N Connection
● Open setup screen as follows after proper connection of SP520N.

http://192.168.200.254 ①

① Enter **http://192.168.200.254** in the address field of the internet brower.

The server 192.168.0.1 at VOISON requires a username and password.

Warning: This server is requesting that your username and password be sent in an insecure manner (basic authentication without a secure connection).

User name

Password

☐ Remember my credentials ②

OK   Cancel

③ ② ④

Manage   Wizard

VoIP   Web Hard

VOISON
Genuine VoIP System

Model : SP520N   Version : 2.3.0

③ Select Administrative Tools to access to the Settings screen.

② Enter ID and password.

※ ID : **admin** / Password : **voison**

⚠ **Caution**
 - Be sure to change the administrator ID/password before use.
   (There may be a concern of security vulnerabilities and hacking.)

DHCP(Auto config)

WAN settings of SP520N use "DHCP (Auto config)" by default, and you are not required to do additional settings. Make sure that the set value was automatically registered on the WAN screen, and check Internet connection for normal operation.
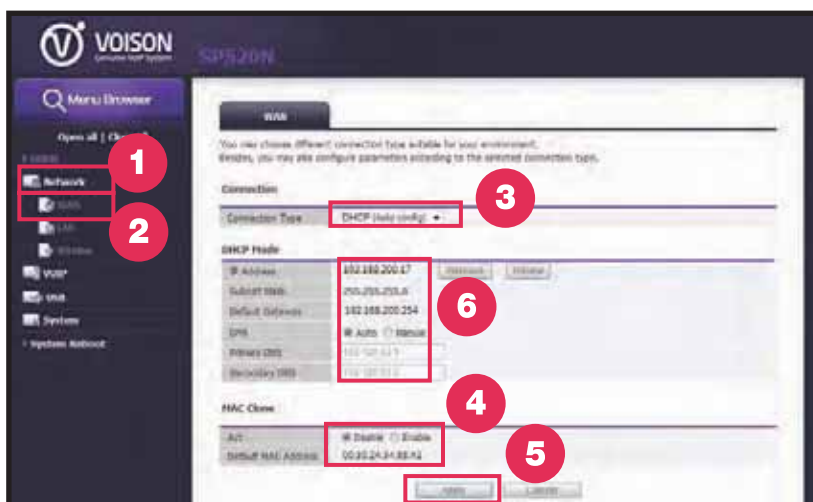
Menu Sequence
① Network→ ② WAN

Entering the field
③ Connection type: Select "DHCP (Auto config)"

④ MAC clone → Act "Disable"

Finishing settings
⑤ Click "Apply" button to save the data

⑥ Check DHCP mode for proper settings
  * The set values are different depending on the provider or type of connection.

Internet Setting of SP520N

Wireless setting
● Change SSID and password of the wireless network before use.
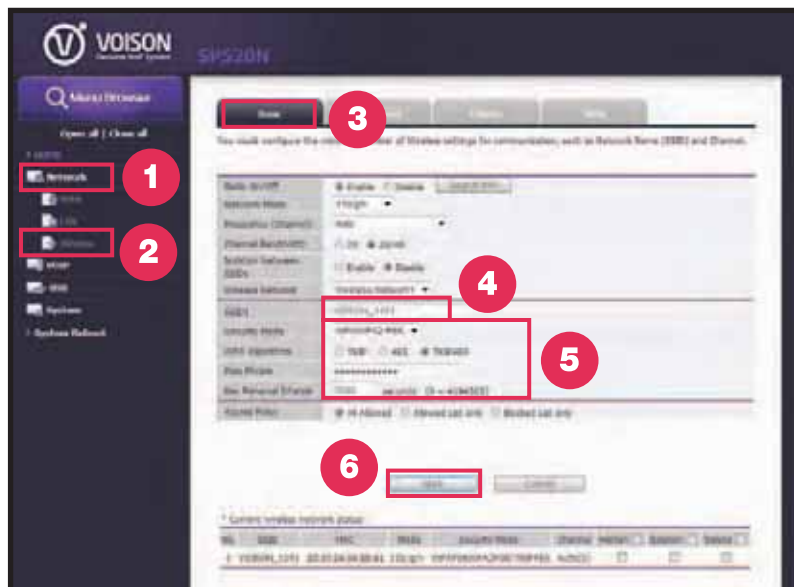
Menu Sequence
① Network→ ② Wireless→ ③ Basic

Entering the field
④ Change SSID1 of your choice.
  * Alphabets, numbers, special symbols
    or the mix of them may be used.

⑤ Change security authentication
   method and your password.
  *The default password is the "MAC address".
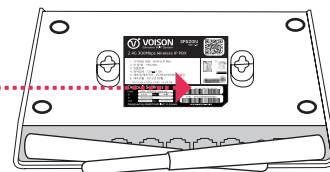
Finishing settings
⑥ Click "Apply" button to save it.

NOTE
- WPAPSKWPA2PSK authentication scheme
  is very effective for security.

- MAC address is displayed on the label
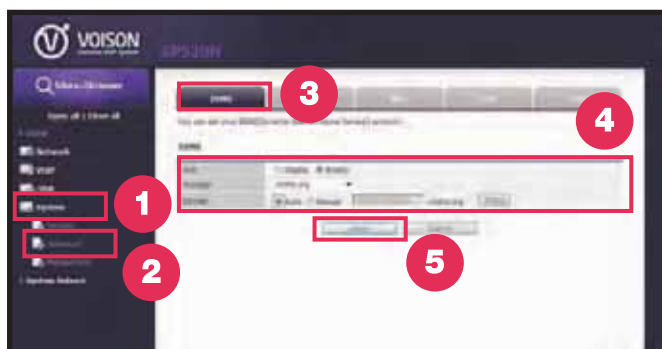 on the back of the product.

MAC : 409FC7001234

> **Caution**
> - Be sure to change wireless password before use
>   (There may be a concern of security vulnerabilities and hacking).

DDNS Settings
● The domain name may be changed before use.

Menu Sequence
① System → ② Advanced → ③ DDNS

Entering the field
Act : click "Enabled"
Provider : select "vddns.org"
Domain : select "Manual" →
             domain name change.

Finishing settings
⑤ Click "Apply" button to save it.

NOTE
- Default settings are automatically registered as the MAC address of the equipment.

- MAC address can be used without separate setting process. EX) MAC address. Vddns.org

- After changing the domain name, click "Connection Status" to check for proper registration.

- It may take up to 30 min before complete registration after setting.

Outbound Internet phone

Creating an Outbound

● Enter the account information provided by the service provider to use Internet phone.

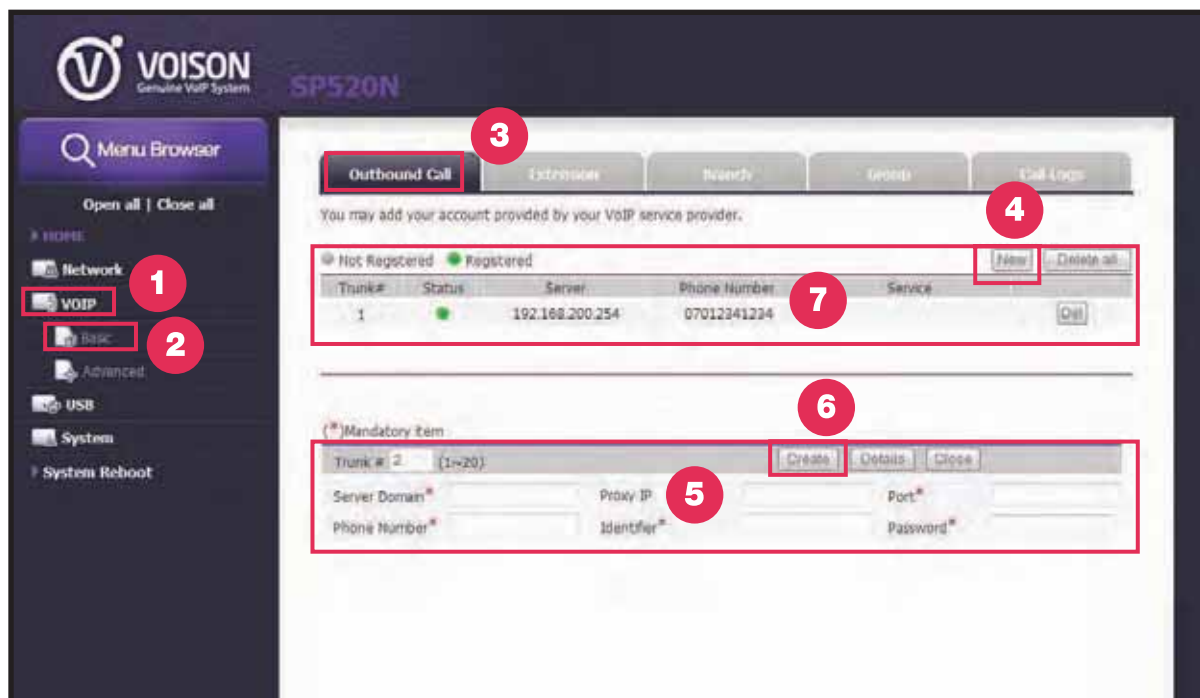**Menu Sequence**
① VOIP → ② Basic → ③ Outbound Call → ④ NEW

Entering the field
⑤ Enter the Internet phone account information provided by the service provider

⑥ Click "Create" to complete setting.

Finishing settings
⑦ The created list will be displayed after setting.

NOTE ●──
- Server Domain : Generally, it is provided as numbers or alphabets
- Proxy IP : When not provided, you may leave the field blank.
- Port : Enter the port number received from the provider Basically, port 5060 is most commonly used.
- Phone Number : Enter the phone number received from the provider.
  EX) 070-1234-1234 (X) => 07012341234 (O)
- Identifier : If you did not receive a username, use the phone number as an ID.
- Password : Enter the password received from the provider.

> ⚠ **Caution**
> - During " add / create / delete / modify " of outbound phone numbers and extensions, the number being used at that time may be deleted.

Outbound Internet phone

Adding Outbound calls

● Adding outbound calls can be created for internet phone calls.

Menu Sequence
① NEW→ ② Enter information
→ ③ Create

Entering the field
② Enter internet phone account received from the provider.

③ Click "Create" button to save the account.

Finishing settings
④ Created list will be displayed after entering the data.

NOTE

- Up to 20 outbound lines can be added.
- The registration status of exterior lines will be displayed in the status window.
- If internet phone calls cannot be made, check if the account information was entered correctly.

Editing outbound calls

● Internet telephone information can be modified or deleted.

Menu Sequence
① Select TRUNK number (click)
→ ② details

Entering the field
③ Modify the required information.

④ Register the DID number.

⑤ Click "Confirm" to save it.

Finishing settings
⑥ The revised list will be displayed after the completion of correction.

NOTE

- Check the Trunk of the registered outbound phone number for individual modification of the number.
- Click 'Del' button to remove the account of an outbound phone number.
- If you click "Delete All" button, the entire information of the registered numbers are removed.
- When a number is set up as DID number, a phone call from outside will be connected directly without IVR voice message.

Extension account and service

Creating Extensions
● Create extensions account.

Menu Sequence
① VOIP → ② Basic → ③ extension → ④ New → ⑤ Automatic or Manual

Entering the field
⑥ For automatic addition, enter first and last number → followed by password
→ then click "Create" button.

Finishing settings
⑦ After Creation, the created extension numbers
are displayed.

NOTE
- If you select 'Manual', you can add individual extension. Three-digit numbers are created for extension numbers.
- A maximum of 20 numbers can be added at one time.
- For the extension numbers to be able to be used from smart phones or IP phones, the numbers should also be registered as external phone numbers.
- For registration of exterior lines, a password at least 10 digits should be entered consisting of numbers, letters and symbols.

> **Caution**
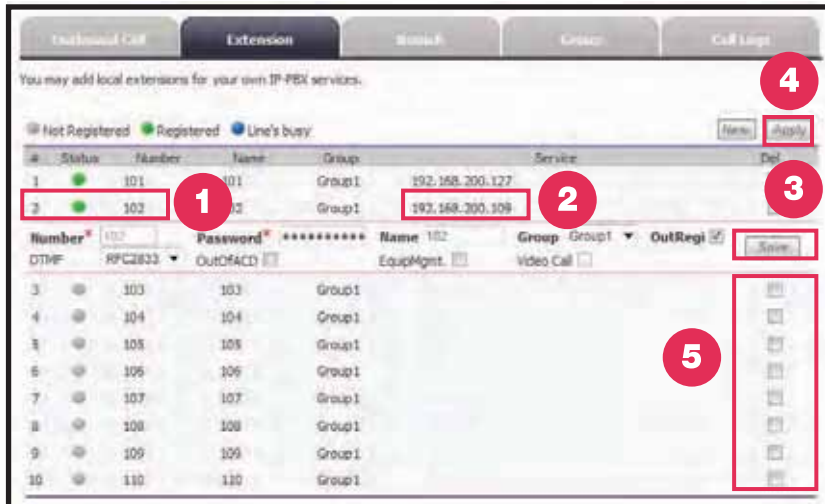> ⚠
> - Be sure to change the administrator ID/password after setup
>   (There may be a concern of security vulnerabilities and hacking).
> - Registered Out-regi users should use different password for extensions.

Extension account and service

Extensions and Service Setup ● Extensions accounts can be modified.

Extension account change
① On the click, extension setup screen is displayed. After enterring modified data, ③ Save → ④ Apply

Delete Local Extension
⑤ Select Extension → ④ Apply

NOTE ●
- The phone call is discontinued, if any, during the modification of extension.
- A set of extensions can be changes at a time. Change and store the extensions individually, and click Apply for the entire numbers to be changed together.
- A separate USB storage is required for the recording feature.
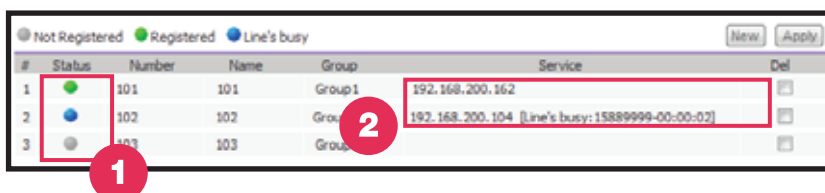
Changing the service settings
② Click ⑥ A service pop-up window will be displayed.

After setup is complete, click the Apply button ⑦ to make effective.
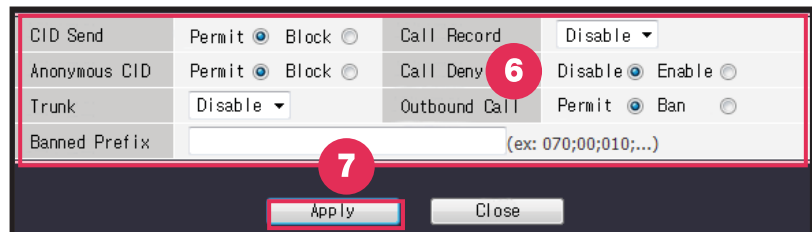
Status indicator ● Monitors the status of extensions.

① Displays status of each extension number.
   ● It will be displayed when setting has error or phone power is turned off.
   ● Normal status, when extension-to-extension calls and or external calls can be made.
   ● It indicates the extension line is busy.

② It displays the registered IP address and phone call information of the terminal.

FCC Statement

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 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 and experienced radio/TV technician for help.

Caution

⚠ Any changes or modifications (including the antenna) made to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment.