

Integration Between S532 and Akuvox

Answering Units

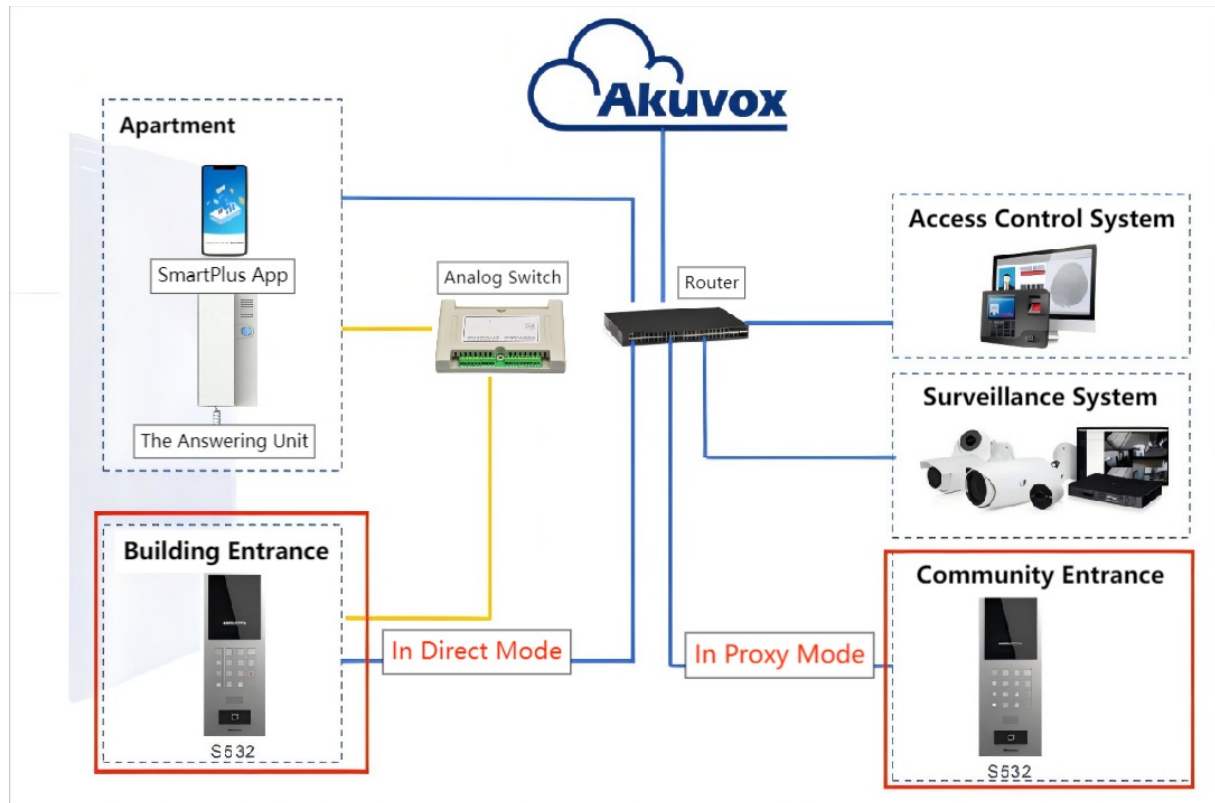
The door phone S532 can be connected to Akuvox answering units through the Akuvox analog switch, achieving easy calling and unlocking.

With the answering units, users can:

- answer calls from S532;
- open the door for visitors during a call by pressing the button on the unit.

Topology

- Direct Mode: The S532 is connected to the analog switch through wires.
- Proxy Mode: The S532 is NOT connected to the analog switch, but it can make calls to the answering units through the configuration on its web.



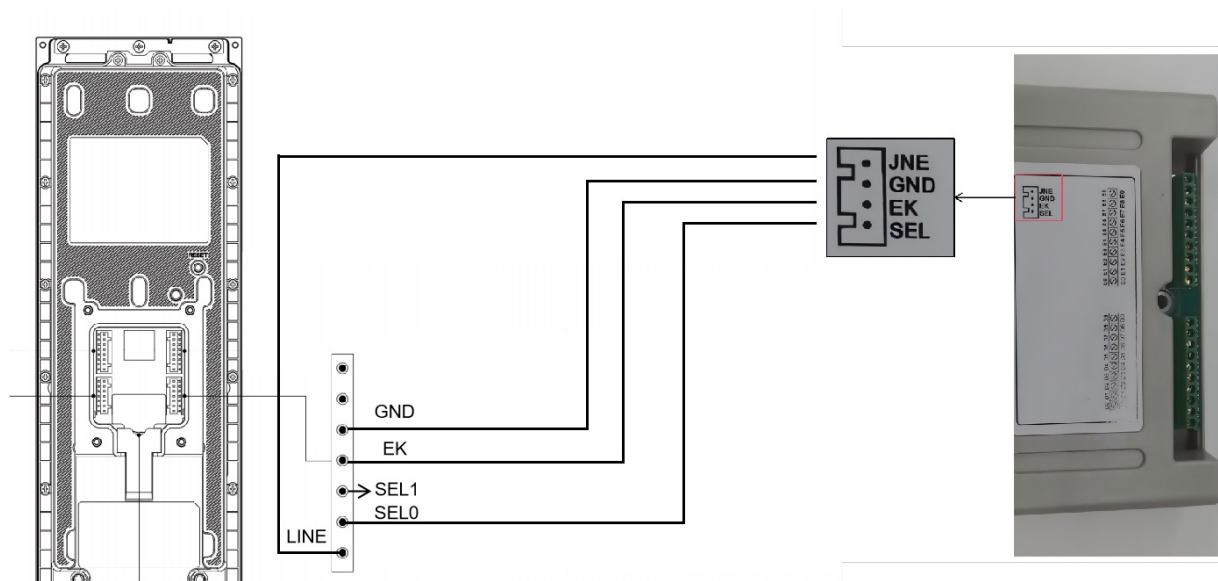
Wirings

The wirings in the solution include:

- The connection between the S532 and the analog switch;
- The connection between the analog switch and the answering unit. This determines the **analog number**. This number is the basis for users to call the answering unit on the S532.

Connection between S532 and the Analog Switch

Please note that using SEL1 and SEL0 for connection is different. Connecting SEL0 to SEL means the analog number generated by the analog switch is from 0 to 99, while connecting SEL1 to SEL is 100 to 199.



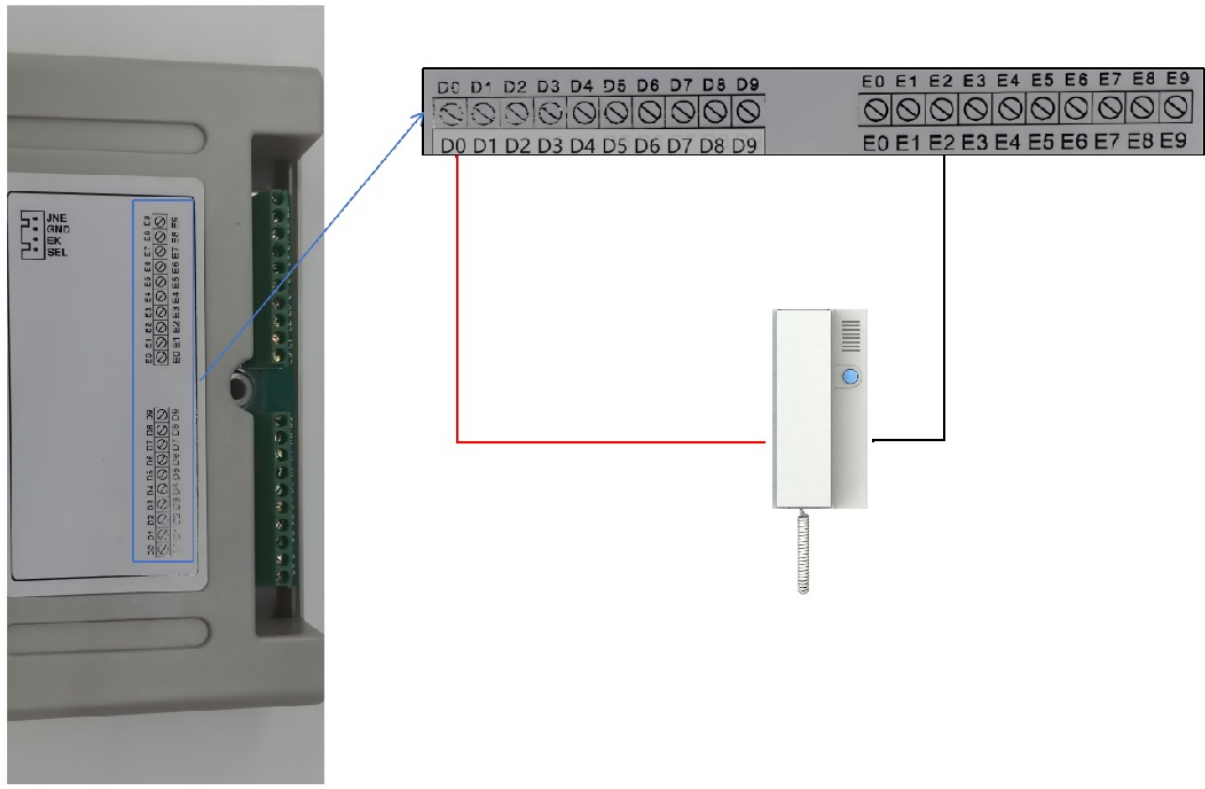
Connection between the Analog Switch and the Answering Unit

The answering unit has each red(positive) and black(negative) wire.

The red wire is connected to DX and the black one is connected to EX, generating the analog number XX or 1XX.

For example, in this demonstration diagram, the answering unit is connected to D0 and E2.

Therefore, when S532's SEL0 is connected to the analog switch's SEL, the analog number is 02. When S532's SEL1 is connected to SEL, the analog number is 102.



On-Premise Configuration

After the correct connection, set up the feature on the S532's web interface. Select the right analog integration brand and assign the analog number to specific users.

Call Setup

Users can enter the analog number or the replaced number on S532(Both in Direct and Proxy modes) to call answering units.

Set the S532 in Direct Mode

1. Use the device IP to log into its web interface. The default username and password are admin.
2. Go to **Intercom > Basic** and select **Akuvox** as the Adapter brand.

The screenshot shows the Akuvox S532 web interface. On the left is a dark sidebar menu with the following items: Home Screen, Status, Account, Network, Intercom (highlighted with a red box), Call Feature, and Multicast. The main content area is titled 'S532' and contains several settings sections. The 'No Answer Event' section has a checkbox. The 'Trigger Relay' section has checkboxes for RelayA and RelayB. The 'Action to Execute' section has checkboxes for FTP, Email, and HTTP. Below these is the 'LCD Heat Control' section, which includes an 'Enabled' checkbox, a 'Heat Threshold' input field set to 0 with a range of (-40~30°C), and a 'Current Temperature' display. At the bottom is the 'Analog Setting' section, which features a red instruction: 'Select Akuvox as the Adapter brand'. Below this instruction, the 'Adapter' dropdown menu is highlighted with a red box and currently shows 'None'.

3. Go to the **Directory > User** interface and click **Add** to add a user.
4. After setting the username and ID, scroll to the **Contact Details** section and set it as instructed.

The screenshot shows the 'Contact Details' section of the Akuvox S532 web interface. It contains several settings with red instructional text:

- Enable Analog System.** The 'Analog System' checkbox is checked.
- Enter the analog number of the answering unit.** The 'Analog Number' input field is set to 201.
- Enter the number that replaces the analog number. Users can enter this number on S532 to call the answering unit.** The 'Analog Replace' input field is set to 2001.
- Assign the user to the default or self-created group.** The 'Analog Mode' dropdown is set to 'Direct' (with a red instruction 'Select Direct').
- Set the priority of calling of the user in the group.** The 'Group' dropdown is set to 'Default' and the 'Priority of Call' dropdown is set to 'Primary'.

5. Click **Submit** to save the settings.

Set the S532 in Proxy Mode

1. Use the device IP to log into its web interface. The default username and password are admin.
2. Go to **Intercom > Basic** and select **Akuvox** as the Adapter brand.

Analog Setting

The screenshot shows the 'Analog Setting' section. It contains two settings:

- Adapter:** A dropdown menu set to 'Akuvox'.
- DTMF Send:** An input field set to 0, with a note '(*, #, 0~9)'.

3. Go to the **Directory > User** interface and click **Add** to add a user.

- After setting the username and ID, scroll to the **Contact Details** section and set it as instructed.

Enable the analog system.	Analog System	☒
Enter the analog number of the answering unit.	Analog Number	202
Enter the number that replaces the analog number. Users can enter this number on S532 to call the answering unit.	Analog Replace	2#201
Enter the IP address of the S532 in Direct mode.	Analog Mode	Select Proxy . Proxy
Assign the user to the default or self-created group.	Analog Proxy Address	192.168.0.1
Set the priority of calling the user in the group.	Group	Default
Select the account to make the call.	Priority of Call	Primary
	Dial Account	Auto

- Click **Submit** to save the settings.

Door-opening Setup

Residents can press the button on the answering unit to open doors during a call with the S532 in Direct mode. This does not require extra configuration.

The door opening between S532 in Proxy mode and the answering unit can be achieved by DTMF codes. The S532(Direct) can send DTMF signals to the S532(Proxy).

- Go to **Intercom > Basic > Analog Setting** on the S532(Direct)'s web interface.
- Select **Akuvox** as the Adapter and set the **DTMF Send code**. If there are multiple doors, just enter the code in series. For example, "0123".

Analog Setting

Adapter	Akuvox
DTMF Send	0 (*, #, 0~9)

- Go to **Access Control > Relay** on the S532(Proxy)'s web interface. Set the DTMF code. The code should be consistent with or contained in the DTMF Send code.

Relay ID	Relay A ▼	Relay B ▼
Relay Type	Default Status ▼	Default Status ▼
Mode	Monostable ▼	Monostable ▼
Trigger Delay(Sec)	0 ▼	0 ▼
Hold Delay(Sec)	5 ▼	5 ▼
DTMF Mode	1 Digit DTMF ▼	
1 Digit DTMF	0 ▼	1 ▼
2~4 Digits DTMF	010	012

4. Click Submit to save the settings.

SmartPlus Cloud Configuration

When S532s are connected to the SmartPlus Cloud, you can set up the Akuvox analog handsets on the Cloud platform.

Log into the SmartPlus Cloud platform with an installer account.

Note

S532 with the firmware version 532.30.10.216 or higher support this feature.

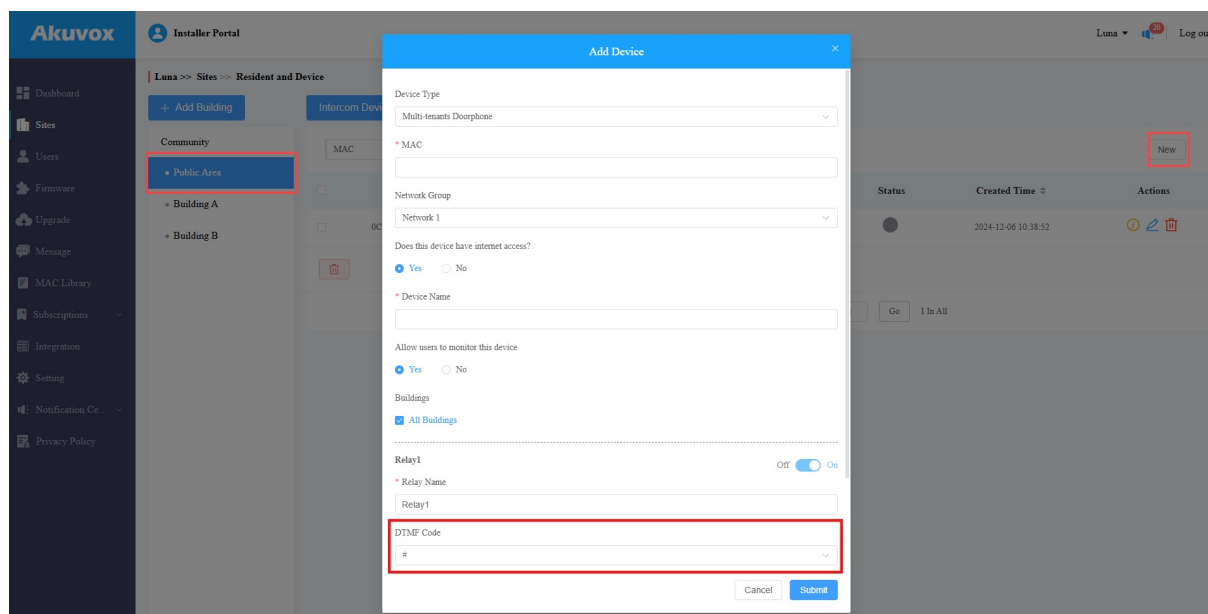
Add the S532 to the Public Area

The S532 installed at the community gate should be added to the Public Area of the community.

1. Navigate to the target community and click **Public Area > Intercom Devices**.
2. Click **New** on the right.

Note

- Please click [here](#) to view the details of adding a door phone to the public area of a community.
- Users can open doors by pressing the button on the analog handset during a call with the S532.
- Please note that the DTMF code selected should be the same as that of the analog handset for door opening.



3. Click Submit.

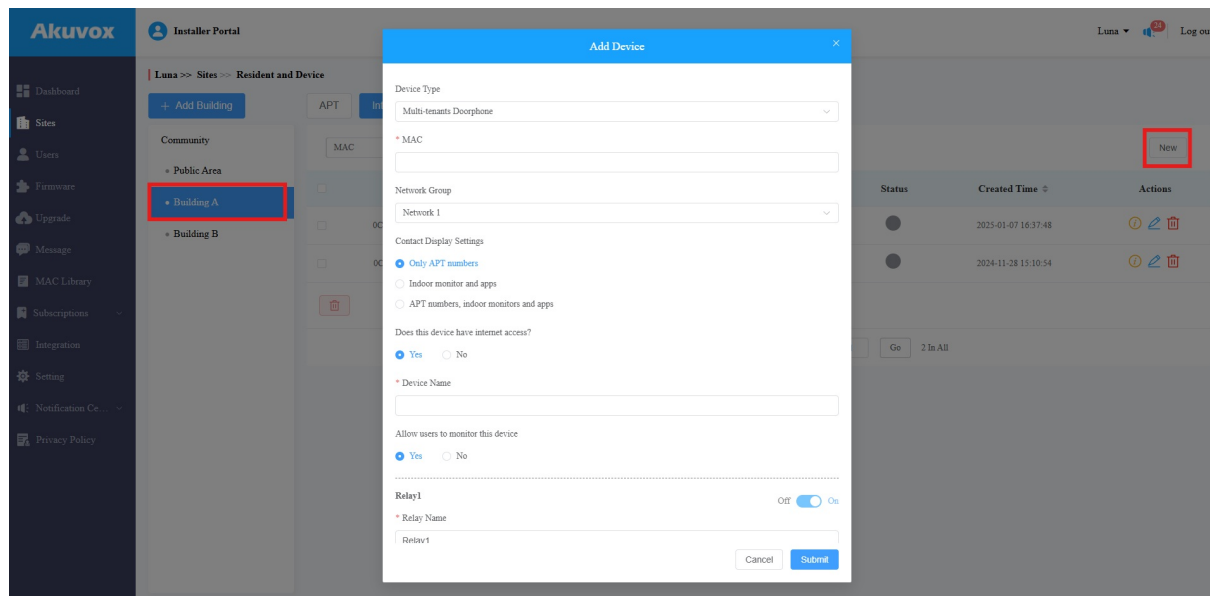
Add the S532 to the Public Area of Buildings

The S532 installed at the building gate should be added to the public area of the building.

1. Navigate to the target community and click the **Building Name** > **Intercom Devices**.
2. Click **New** on the right.

Note

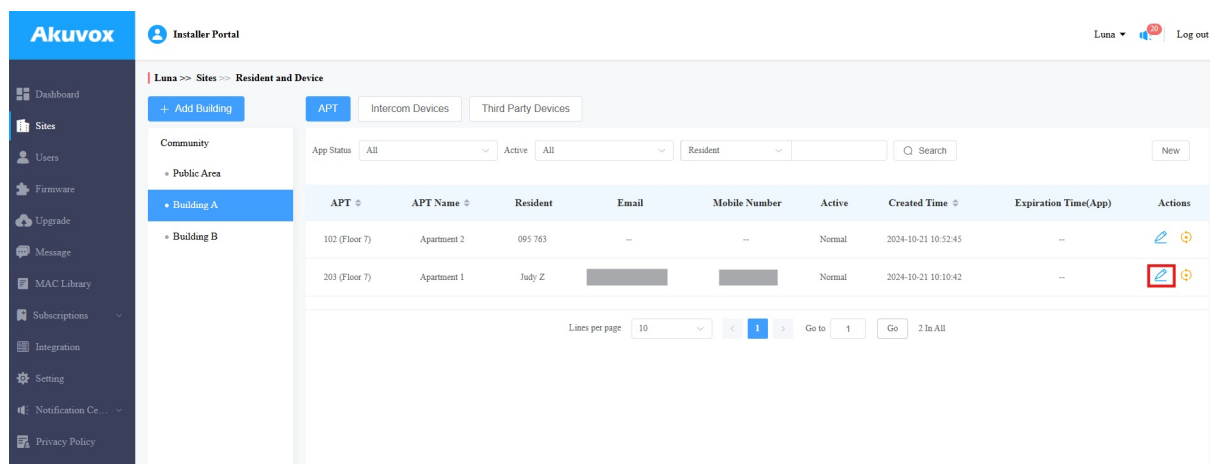
Please click [here](#) to view the details of adding a door phone to the public area of a building.



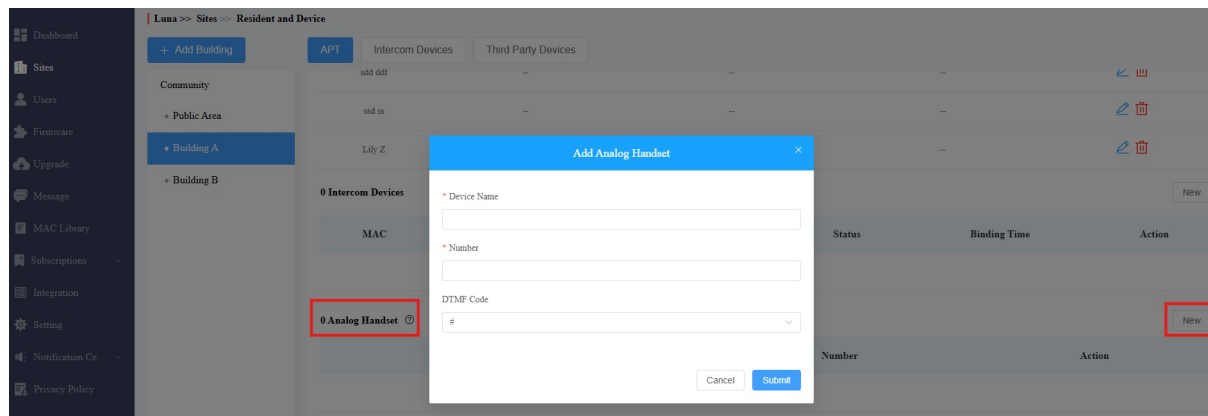
3. Click Submit.

Add the Analog Handset

1. Navigate to the target Community > Building.
2. Click  of the target apartment.



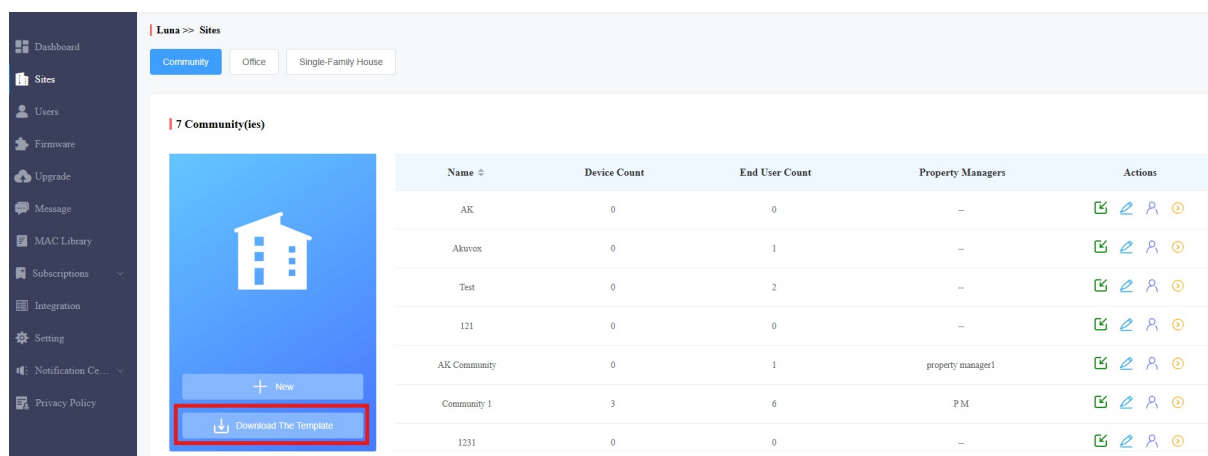
3. Find the Analog Handset part. Click New on the right.
4. Enter the analog handset name, number, and DTMF code. The DTMF code should be the same as the S532s'.



5. Click Submit.

You can also batch import the analog handsets with residents and devices using a template.

1. Click **Download the Template** on the Sites module.



2. Fill in the template as instructed. View instructions by hovering your mouse cursor over specific columns.

I	J	K	L	M	N	O	P
Number	TelephoneCallingCode	1stPhone	2ndPhone	3rdPhone	CallType	Web Relay ID	Analog Handset
1	1	14587444	1458333		1		Handset 1,09,#;Handset 2,07,8

3. Click  to import the file.