Table of Contents

Akuvox Tool > Product

SDMC Administrator Guide 20211224 2

SDMC Administrator Guide 20211224



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AKUVOX SDMC Administrator Guide

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About This Manual

Page: 2 of 77

Thank you for reading this manual. This manual is intended for the administrators who need to properly manage the SDMC (SIP Device Management Center) for integrated management and control that incorporates the all-in-one management of the personnel (residents, property manager), network setting, Intercom, message, device, access control configuration, authentication method, logs, lift control, monitoring etc. This manual applies to SDMS with the software version 6.0.0.2. Please visit consult our technical support for any new information or the latest software version.

Introduction of Icons and Symbols

Warning:

• Always abide by this information in order to prevent the persons from injury.

Caution:

• Always abide by this information in order to prevent damages to the device.

Note:

• Informative information and advice for the efficient use of the device.

Related Documentation

You are advised to refer to the related documents for more technical information via the link below:

https://knowledge.akuvox.com

1.SDMC Overview

SDMC (SIP Device Management Center) is generally installed in the community management center. The software serves as a LAN-based on-premise platform designed to manage the personnel, devices, access control, intercom, alarm, message, lift control, video monitoring etc at one stop. Users using SDMC will be able to:

- To achieve the data synchronization between the SDMC and device.
- To manage the residents, property staff and access control with various types of authentication method.
- To manage the deployment of device on the node basis for residents etc.
- To Make IP/SIP call the intercom devices, and monitor community-wide surroundings for the security purpose.
- To manage various types of logs.
- To manage and deal with alarm.
- To manage messaging and Ad Pushing.
- To import and export system data and database for the convenience of data sharing and system configuration.
- To manage the lift control.

2.SDMC Installation

2.1. Installation Requirements

Prior to the installation of the SDMC software, you are required to make sure that the following installation requirements are met:

- Windows 7 operating system or above.
- No SDMC and SDMC software is installed on your personal computer or on other personal computers in the same network.
- The Firewall on your computer is turned off.

2.2. Install SDMC

Steps to install SDMC^[1].

- 1. Decompress the SDMC zip file
- 2. Click the setup.exe file.
- 3. Click "Yes" in the pop-out window to continue the installation.

SDMC - InstallShield Wizard

Preparing Setup

Please wait while the InstallShield Wizard prepares the setup.



SDMC Setup is preparing the InstallShield Wizard, which will guide you through the rest of the setup process. Please wait.

SDMC Installation w	vill force to stop all services. Are sure to continue?
Some installation w	in force to stop an services. Are sure to continue.
	Yes No
Id	

4.Click "Next" to go to the next step

SDMC - InstallShield Wizard		×
	Welcome to the InstallShield Wizard for SDMC	
	The InstallShield Wizard will install SDMC on your computer. To continue, click Next.	
	< Back Next > Cancel	

5. Click to accept the terms and Click Next to accept the agreement.

I accept the terms of the license agreement Print	License Agreement Please read the following license agreement carefully.			
I do not accept the terms of the license agreement I do not accept the terms of the license agreement				
I accept the terms of the license agreement I do not accept the terms of the license agreement				
I accept the terms of the license agreement I do not accept the terms of the license agreement				
O I do not accept the terms of the license agreement				
	I accept the terms of the license agree	ment		Print

6.Enter the User Name and Company Name and click "Next".

1C - InstallShield Wizard	
ustomer Information	1 March 1
Please enter your information.	
Please enter your name and the nar	me of the company for which you work.
User Name:	
Ryan	
Company Name:	
Akuvox	
1Shield	

7.Select the installation path by default or the other path to your preference and click "Next".



8. Click "Install" to finish the installation.



After the installation is completed, you will see the SDMC icon along with SDMC SeverManage icon on your desktop.





Note:

• The SDMC installation path should not contain any Chinese characters.

2.3. Set up SDMC Server Manage Software

SDMC ServerManage is a program that is installed along with the SDMC. The software is designed to manage types of services called "SDMC Service", and "WatchdogService".

Server Name:	SDMCService ~	

- SDMC Service: this service is used to facilitate the two-way communication between the SDMC and the devices for the data transmission, therefore the service must be turned on to ensure the smooth running of SDMC
- WatchdogService: Watchdog will be running automatically upon the completion of its installation by default. WatchdogService is responsible for monitoring the SDMC Sevice status. To be more specific, Watchdog will turn on SDMCService automatically whenever it finds SDMCService is not running, which means SDMCervice will be running nonstop or will be up and running again on condition that the Watchdog is on.

3.Log in SDMC

To log in SDMC for the first time, you are required to enter the username "**admin**", and the password "**admin**" by default. While you can click

on the upper right corner of the screen to close SDMC.

M SDMC		×
	2	
	LOGIN	
	A User Name	
	Password	
	Login	
(Login	

4.Getting Started

4.1. Configure SDMC Network Connection

You need to select specific NIC (Network Interface Card) used to connect SDMC and devices for the data transmission. And SDMC IP address will appear automatically after you select your NIC.

1. Click to select NIC (which is the network adaptor in your computer), and you will see the corresponding IP address what appears automatically when network adaptor is selected.

Network Connection Setting	×
Network Interface Card: ASIX AX88772C US	B2.0 to Fast ~
ок	Cancel
2.You can also click System	

, select System Setting > Network to set and edit the network connection after login.

Dashboard	Device Management <u>R</u> = Personnel Man	lagement 🔊 Monitor 🗐 Mes	ssage 🗄 Logs 🗐 System
Reminder			
Offline Devices	Undealt Alarms 0	Missed Calls	Unread Messages
Community Informati	System Setting		×
Total Devices	Language Network Interfact	e Card: ASIX AX88772C USB2.0 to Fast Et IP: 192.168.31.19	✓✓O
Cards O	Quick Entrance SMTP	OK Cancel	0

4.2. Language

SDMC currently supports English and Chinese languages (both simplified and traditional Chinese character). You can select either of them according to your need.

- 1. Click on System module, then select System Setting > Language.
- 2. Click OK for the Confirmation.

Offline Devices	Undealt Alarms	Missed Calls	Unread Messages
0	6 0	٥ 🏹	0
Community Informati	System Setting		×
Total Devices	Language G	eneral Language	
	Network	Language: English	~ 0
2	Password		
2	Password Quick Entrance		

4.3. Password

Device Management 🛛 R= Personnel Management 🔊 Monitor 🗐 Message System Dashboard Logs Reminder Offline Devices Undealt Alarms Missed Calls Unread Messages C× | 6 0 0 \mathbf{x} 0 Ę 0 System Setting Community Informat Current Password: * Total Devices Language New Password: * Network G 2 0 Confirm Password: * **Quick Entrance** Cards SMTP 0 0 -Cancel ок

After you log in to the SDMC, you can change the SDMC login password if needed.

5.Dashboard

SDMC dashboard is mainly consisted of Seven modules, namely **Dashboard**, **Device Management**, **Personnel Management**, **Monitor**, **Message**, **Logs**, and **System** along with two functional columns on both sides.

	🔀 Dashboard 🞯 Device Management 🙊 Personnel Management 🔊 Montor 🗉 Message 🗮 Logs 📑 System	Modules
Add Resident Add Face ID The Add Card Add Card Add Temp Key Send Message Lit	• Reminder Office Devices Image: Calls Image: Calls	Entry Record More > More > Granual 1 Gate1 2021-11-23 08 08:19 Community1 Gate1 2021-11-23 08 08:19 Community1 Comm
Severs as short	Displays device status, alarms, calls and messages,. You can click on the icons for further operations. Cut for the frequently used function Displays time-stamped pictures captured for the door entry, you can click to enlarge the picture.	

Modules

• Modules

N O	Modul es	Descriptions
1	Dashb oard	Gives you a quick view of real-time statistical information on device, calls, messages , residents, and different types of entry records etc.
2	Device Manag ement	Allows you to create nodes to which you add, edit and delete devices. You can also modify certain device setting before synchronizing the changes to the devices. More over, you can make call to a specific device and unlock the door if needed.
3	Perso nnel M anage ment	Allows you to manage access control for the residents and property management, to manage various types of access authentication methods for staff, residents and visit ors etc.
4	Monito r	Allows you to manage monitoring devices in terms adding, edit and deleting monitoring devices and to perform monitoring video preview.
5	Messa ge	Allows you to manage messages and notification ads etc.
6	Logs	Allows you to manage various types of logs such as access logs, alarm logs, call log s, system logs.
7	Syste m	Allows you to manage SDMC SIP setting, Atop data backup, lift control, network, lang uage, password, dashboard operation icons on the left column, SMTP, and device res et and reboot.

6.Device Management

In the device management module, you can manage device deployment on the node basis, and synchronize the data to the corresponding devices at different nodes you selected. While you can make call to the specific device and to unlock the door if needed. In addition, you can search and check data for the specific device(s).

6.1. Create Deployment Nodes

You are required to create nodes first before you can deploy the devices to the nodes you set up. You can either manage the node one by one or using a template. A community can extend to a total of six nodes for the device deployment.

About Nodes

N O	Node	Descriptions
1	Community	Community is the root nodes which is extenda ble to other five subordinating nodes: "Public/ Building > Unit >Floor > Room. Public and Building are parallel nodes.

2	Public	Public is also the second level of nodes. You c an create 1-99 public nodes maximum.
B u il d i n g	Building is second level of node, which can b e extensible to other three subordinating node s "Unit >Floor > Room". You can create 1- 999 building nodes maximum.	
3	Unit	Unit is the third level of node, which can be ex tensible to other two subordinating nodes "Flo or > Room". You can create 1-99 unit nodes maximum.
4	Floor	Floor is the fourth level of node, which can be extensible to Room node. You can create 1-9 9 unit nodes maximum.
5	Room	Room is the lowest level of node. You can cre ate 1-99 room nodes maximum.

6.1.1. Add Nodes Separately

You can create nodes in the **Device Management** Module. You can create the nodes from community node all the way down to room node.

1. Move the arrow to the Community (root node), and click



beside the node to create building nodes

- 2. After the building nodes is created, you can create other nodes subordinated to the building nodes in the same way.
- 3. Move the arrow to Public node and click



beside the node to create public area node.

	00	Dashboard		Vice Management	tel Management PS/ 1	Monitor (Messag	e 😑 Logs E	system		
Quickly Create	+ New	0	Scan C	Refresh 💿 Update 💿	All Online Offline	All	<u> </u>			Search Rese
Public (0) Area 1 (0) Building 1 (1)		iype	1	Community1	Gate1	192.168.31.5	0C1105060414	•	29.30.103.1	
• Unit 1 (1) • Floor 1 (1) Room 1 (1)		•	1.1.1.1	Building1 - Unit1 - Floor1 - Room1	Ryan	192.168.31.11	0C110507C730	•	113.30.6.131	S 8 6 (

Note: You can click

6.1.2.Add Node Using Template

1. Click



to go to the node template.

2. Set up the number nodes at each node level according to your need

Quickly Create	+ New	🗿 Scan	C Refresh 👩 Update	All Online Offlin	All	~) Q		Search Reset
nmunity 1 (2) Public (0)		Quickly Create					s Firmware	Operation
Area 1 (0) Area 2 (0)		Node	Name	Number	Create From		29.30.103.1	S 8 6 6
uilding 1 (1) Unit 1 (1) Floor 1 (1)		Community	Community		1		113.30.6.131	S 8 6 6
Room 1 (1) Floor 2 (0)		Building	Building		2			
		Unit	Unit		1			
		Floor	Floor		1			
		Room	Room		1	×		
		Public	Area		3	×		
			C A		Cancel			

Note:

- You can change the node name if need.
- Room and public nodes are optional

6.2.Edit/Delete Nodes

You can edit nodes in terms of their names and node numbers. And you can delete the node if needed.

1. Click



of the node you want to edit.

- 2. Change the node name and number if needed.
- 3. Select "Enable" in the Sync field if you want to synchronize the name changes to all the parallel node at the same node level, adopting the same name. For example, if you change the building 1 to be building A then all the building nodes will change their name to "Building A" after synchronization.
- 4. Click



of the node you want to delete.

• Building Node

88	Dashboard		Device Management	R_{\pm} Personn	nel Management 🔊	Monitor 🗐 Mess	age 🗮 Logs	System			
+ New	0	Scan	🕒 Refresh 🧿 Up	iate 💿 .	All 🔿 Online 🔿 Offline	All	~) Q			Search	Res
	Туре	Node	Location		Device Name	IP	MAC	Status	Firmware	Opera	tion
	Ë	1	Community1		Gate1	192.168.31.5	0C1105060414	•	29.30.103.1	0	D 🕜 (
		1.1.1.1.1	Node Setting				× C110507C730	•	113.30.6.131	0) 0 (
			Node	Name: * Bu le Num: * 1	uilding						
				Sync: * Dis	K Cancel						
	••••••••••••••••••••••••••••••••••••••	Deshear Order Prove Prove	DishBard Image: Constraint of the second secon	tiew Scan Cevice Management Scan Community1 11.1.1.1 Node Setimp Node No	Bandbard Scan Control Management Control Interv Scan Control Interv Scan Control Interv Interv In	New ③ Scan ④ Refresh ③ Update ④ All ○ Online ○ Offline Node Location Location Location Location Location Node Setting Node Name: * Building Node Name: * 1 Sync: * Deabled OK Cancel	Device Management All Personnel Management Por Personnel Management Por P	Bishodd Community1 Community1 Cate1 Sync: Besabled Contact Cance1 Contact Contact Cance1 Contact Contact Cance1 Contact Cance1 Contact Contact Cance1 Contact Cont	Deshebring Device Management X Personnel Management X Montro Message Cd3 System P Mac Status Type Node Location Device Name P MAC Status 1 Community1 Gate1 192.168.31.5 OC1105060414 P Node Kame Sync Dested CK Cancel	Distribution Imagement X Personnel Munagement Z Personnel Munagement Z	Distribution Control Markagement Northol Markagement Markagement Markagement Northol Markagement Markagement <th< td=""></th<>

• Public Node



Note:

- You can change the node name if need.
- Room and public nodes are optional

6.3. Add Device

After the nodes are created, you can start adding the device(s) to the specific level of nodes in the **Device Management** module. You are required to fill in all of the device network information etc. While you can also configure and synchronize the device settings to the device(s) if needed.

Device can be added manually or added via scanning.

6.3.1. Add Device Manually

1. In the Device Management Module, click



- 2. Select the specific node to which you want add the device.
- 3. Fill in the device name, type and network parameters
- 4. Configure and synchronize the device setting to the device if needed.

Martin Operation 100 Add Device Add Device Operation 101 100 Intervention Intervention Intervention 100 100 Intervention Intervention Intervention Intervention 100 - Community (11) - Policy (0) Place stated a node on the left as the texture Intervention Intervention <td< th=""><th>Quickly Create</th><th>e New Scan</th><th>C Refresh</th><th>ate I All O Online O Offline</th><th>All</th><th></th><th></th><th>search Res</th></td<>	Quickly Create	e New Scan	C Refresh	ate I All O Online O Offline	All			search Res
at 1(0) 1 Image: Secondary DNS 1 1 Image: Secondary DNS 1 1 Image: Secondary DNS 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ommunity 1 (1) Public (0)	Add Device					×	Operation
91 (0) • community 1(1) • balance 18 (0) • elemants 1(1) • Pails stated and/or on the left as the location. Repert (0) • elemants 1(1) • Pails stated and/or on the left as the location. Repert (0) • elemants 1(1) • Pails stated and/or on the left as the location. Been 1(0) • elemants 1(1) • Pails stated and/or on the left as the location. • elemants 1(0) • elemants 1(0) Device have: Castor. • elemants 1(0) • Balance 1(0) MAC Address: Device have: • None 1(0) • Padzess: 192 (86.31.11 Account Sever1 Secondary DNS: 192 (86.31.1 Account Sever1 Account Sever2 Count Sever2	Area 1 (0)						3.1	
Protect (0) Product (0) Product (0) Roam 1(0) Product (0) Device Name · G dedt • Fuldad (0) Product (0) Device Name · G dedt • Fuldad (0) • Fuldad (0) Device Name · G dedt • Fuldad (0) • Fuldad (0) Device Name · G dedt • Fuldad (0) • Fuldad (0) Device Name · G dedt • Fuldad (0) • Fuldad (0) Device Name · G dedt • Fuldad (0) • Fuldad (0) Device Name · G dedt • Fuldad (0) • Fuldad (0) Device Name · G dedt • Fuldad (0) • Fuldad (0) Device Name · G dedt • Fuldad (0) • Fuldad (0) Device Name · G dedt • Fuldad (0) • Fuldad (0) Device Name · G dedt • Fuldad (0) • Fuldad (0) Device Name · G dedt • Fuldad (0) • Fuldad (0) Device Name · G dedt • Fuldad (0) • Fuldad (0) Device Name · G dedt • Fuldad (0) • Fuldad (0) • Fuldad (0) • Fuldad (0) • Fuldad (0) • Fuldad (0) • Fuldad (0) • Fuldad (0) • Fuldad (0) • Fuldad (0) • Fuldad (0) • Fuldad (0) • Fuldad (0) • Fuldad (0) • Fuldad (0) • Fuldad (0) • Fuldad (0) • Fuldad (0)<	 Building 1 (0) Unit 1 (0) 	Community 1 (1)	Location: *	Building1	Default Setting	Value		
Room 1 (0) As a 1 (0) Device hane: • Gale1 Account Label Account Label • Building 1(0) • Device Type: • Goor phone • Account Label Account Label Account Label • Floor 1(0) • Floor 1(0) IP Address: • Go: 105/07/23/0 Account Label Account Label Account Label Subnet Mask: • 255: 255: 0.0 IP Address: • Go: 105/07/23/0 Account Auth Name Account Auth Name Default Gateway: • 192: 168: 31: 1 Subnet Mask: • 255: 255: 0.0 Account Password Account Password Primary DNS • 192: 168: 31: 1 Secondary DNS: • 192: 168: 31: 1 Account Sener:1 Account Sener:2 Cit Cancel Cit Cancel Account Sener:2	• Floor 1 (0)	▼ Public (0)		Please select a node on the left as the location.	Account Active	Disabled ~		
	Room 1 (0)	Area 1 (0)	Device Name: *	Gate1	Account Label			
• Floot (i) MAC Address · 0 001105070730 Room 1(ii) IP Address · 102.168.31.11 Subnet Mask · 255.255.0 Account Passood Default Gateway · 102.168.31.1 Account Person Secondary DNS: 192.168.31.1 Cit Cancel		Building 1 (0) Unit 1 (0)	Device Type: *	Door phone ~	Account Display Name			
Room 1(0) IP Address. • 192:168:31:1 Account Auth Name		▼ Floor 1 (0)	MAC Address: *	0C110507C730	Account Username			
Subnet Mask * 256:256:26:0 Accuatt Password Accuatt Password Default Gateway: * 192:168:31:1 Accuatt Password Accuatt Password Primary DNS: * 192:168:31:1 Accuatt Password Accuatt Password Secondary DNS: * 192:168:31:1 S600 Accuatt Sever2 Commet Commet		Room 1 (0)	IP Address: *	192.168.31.11	Account Auth Name			
Default Gateway. * 192.168.31.1 Primary DNS. * 192.168.31.1 Secondary DNS. 5900 OK Cancel			Subnet Mask: *	255.255.255.0	Account Password			
Primary DNS: 192:168:31.1 Account Protit 6860 Secondary DNS: Account Server.2 Image: Conceleter Server.2			Default Gateway: *	192 168 31 1	Account Server1			
Primary UNS: 122.156.31.1 Account Port 000 Secondary DNS: Account Server2			Discus Duo		Account Server 1			
Secondary DNS Account Server2			Primary DNS: *	192.168.31.1	Account Port1	5060		
CK Cancel			Secondary DNS:		Account Server2			
			Secondary DNS:	ок	Account Server2			

• Parameter Description:

N O	Para met er	Description
1	Loca tion	Click and select the node, then the location field will be automatically filled in.
3	Devi ce N ame	Fill the the device name, for example the device location name for the identification pur pose. The maximum field length is 63 digits. If you leave the device name blank, then t he system will prompt " Please input name".
4	Devi ce T ype	Select device type: Indoor monitor, Door Phone, Video Phone, and Access control. The default device type is " Door Phone".
5	MAC addr ess	Fill in the device MAC Address.
6	IP Ad dres s	Fill in the device IP address.
7	Subn et M ask	Fill in the device Subnet Mask.

8	Defa ult G atew ay	Fill in the device default gateway.
9	Prim ary DNS	Fill in the primary DNS.
1 0	Seco ndar y DN S	Fill in the secondary DNS.

Note:

- Device network setting can be obtained on the device.
- SDMC Device Configuration

N O	Setting s	Description
1	Account Active	Enable or disable the device SIP account.
2	Account Label	Fill in the device SIP account display label.
3	Account Display Name	Fill in the device SIP account display label.
4	Account Userna me	Fill in the device SIP account User name, which can be the same with account SIP account authentication name.
5	Account Auth Na me	Fill in the device SIP account authentication name.
6	Account Passwor d	Fill in the device SIP account authentication passwords
7	Account Server1/ 2	Fill SIP server IP address.
8	Account Port1/2	Fill the SIP server port for the data transmission. The default SIP server port is 506 0.

9	RTSP E nable	Enable the RTSP if you want to obtain the video footage from the device.
1 0	Prevent SIP Hac king	Enable it if you want to deny the call from other devices which does not share the s ame SIP server with called-party device.
1 1	DTMF O ption	Select the number of DTMF digit for the door access control (Ranging from 1- 4 digits) For example, you can select 1 digit DTMF code or 2-digit DTMF code etc., according to your need.
1 2	DTMF C ode 1/2/ 3	Set the three sets of DTMF codes for relay A/B/C. and the number of the codes dep ends on your DTMF option.
1 3	Relay E nable	Enable the open relay via HTTP function.
1 4	Relay U serNam e	Create authentication name for the open relay via HTTP. Relay username must be configured before you can unlock the door via HTTP on SDMC.
1 5	Relay P assword	Create password for the open via HTTP authentication. Relay password must be s et before you can unlock relay via HTTP on SDMC.

6.3.2.Add Device via Scanning

SDMC allows you to scan the devices in the same network before adding them to the specific node. Device network information will be automatically filled in.

1. In the Device Management module, click



2. Tick the checkbox



of the specific device you want to add, then click



3. Click to select the specific node to which you want to add the device, and complete the setting in the same way as you do it manually.

6.0.0.2	Dashboa	rd 😽 De	avice Management	Personnel Management 🖉	Monitor 🗐 Messag	e 🗮 Logs	System 🗄		
Quickly Create	+ New 🧿	Scan C	Refresh (5) Updat	e 🖲 All 🔿 Online 🔿 Off	ine	~) Q			Search Re
munity 1 (1)	🗌 Туре	Node	Location	Device Name	IP	MAC	Status	Firmware	Operation
iblic (0) Area 1 (0) iilding 1 (0)	C Ba	1	Community1	Gate1	192.168.31.5	0C1105060414	•	29.30.103.1	S 0 6
Unit 1 (0) • Floor 1 (0) Room 1 (0)	+ Nev	r C Refr	esh						
		Status	Model	IP	MAC	Firmware			
		Unmatched	C313	192.168.31.11	0C110507C730	113.30.6.131			
								×	
	Community 1 (1)		Location: *	Building1 - Unit1 - Floor1 - Room1	Default Setting	Value			
	• Public (0)			Please select a node on the left as the locat	on. Account Active	Disabled]		
	Area 1 (0)		Device Name: *	403-Ryan	Account Label				
	 ■ Building 1 (0) ■ Unit 1 (0) 		Device Type: *	Door phone ~	Account Display Name				
	Floor 1 (0)	MAC Address: *	0C110507C730	Account Username				
	Room	1 (0)	IP Address: *	192.168.31.11	Account Auth Name				
			Subnet Mask: *	255.255.255.0	Account Password				
			Defauit Gateway: *	192.168.31.1	Account Server1				
			Primary DNS: *	192.168.31.1	Account Port1	5060			
			Secondary DNS:		Account Server2				
			Secondary DNS.						

After the device is added successfully, it will show "Matched".

Devi	ces				
New	C Refresh				
	Status	Model	IP	MAC	Firmware
~	Matched	C313	192.168.31.11	0C110507C730	113.30.6.131
	Matched	R29	192.168.31.5	0C1105060414	29.30.103.1

6.3.3.Check/Edit/Delete Device

- 1. search and check the device by device online status, device type, keyword.
- 2. Click
 - 1

of the specific device you want to delete

3. Click

C

of the specific device you want to edit.

	Dash	board 😭 De	vice Management RE	Personnel Management 🖇	Monitor 🗐 Mess	age 🗮 Logs	System		
O Quickly Create	+ New	🕤 Scan (Refresh (3) Update	All Online Off	ine All	~) (Q			Search Reset
Community 1 (2)	П Тур	e Node	Location	Device Name	IP	MAC	Status	Firmware	Operation
 Public (0) Area 1 (0) Building 1 (1) Unit 1 (1) 		1	Community1	Gate1	192.168.31.5	0C1105060414	•	29.30.103.1	S 8 6 6
 ▼Floor 1 (1) Room 1 (1) 	- 6	1.1.1.1.1	Building1 - Unit1 - Floor1 - F	toom1 403-Ryan	192.168.31.11	0C110507C730	•	113.30.6.131	s 🛛 🖉 🏮
	Delete	Delete All		Total:2	14	8/nane		20	

4.Edit the device in terms of moving the device to the different node and modifying device network, device type, device name, device node name and configurations etc.

	Location: *	Community1	Default Setting	Value
Community 1 (2)		Please select a node on the left as the location.	Account Activo	Enabled
Public (0)	Device Name		AccountActive	Enabled
Area 1 (0)	Device Name: *	Gate1	Account Label	
 Building 1 (1) 	Device Type: *	Door phone ~		
			Account Display Name	
	MAC Address: *	0C1105060414	Account Username	
Room 1 (1)	IP Address: *	192 168 31 5		
	in Address.	132.100.01.0	Account Auth Name	
	Subnet Mask: *	255.255.255.0	Account Password	
	Default Gateway: *	192.168.31.1	Account Server1	
	Primary DNS: *	192.168.31.1	Account Port1	5060
	Secondary DNS:	192.168.31.1	Account Server2	

NO.	Field Name	Description
1	Туре	Indicates the device type.
2	Node	Indicates the level of node at which the device is deployed.
3	Location	Indicates the device locations corresponding to the nodes.
4	Device Name	Indicates the device name.
5	IP	Displays device IP address.
6	MAC	Displays device MAC address.
7	Status	Displays device online status.
8	Firmware	Display the current device firmware version

• Field Name Description

		Allows you to the perform four operations
9	Operations	S 😑 😰 💼

6.3.4. Make Call to Device

As an administrator, you can make call to the specific device if needed.

1. Click



of the specific device.

2. Click



to hang up the call.

	Dashboard	Dev	ice Management	el Management 🔊 r	Monitor 🚍 Messag	e 🗄 Logs 📄	System		
+ New	0	Scan C	Refresh 🕞 Update 💿 A	All 🔿 Online 🔿 Offline	All	~) (Q		s	earch Reset
	Туре	Node	Location	Device Name	IP	MAC	Status	Firmware	Operation
		1	Community1	Gate1	192.168.31.5	0C1105060414	•	29.30.103.1	S II 🛛 🗊
		1.1.1.1	Call			× 110507C730	•	113.30.6.131	S 8 6 6
			Location Device Type Number Time	Talking Community1 Door phone 192,168,31,5 00:23 Hangup					

6.3.5. Unlock Device Relay via HTTP



of the specific device.

									ê – ø
	Dashboar	d 😭 Devi	ice Management 🛛 🗶 🚊 Pe	rsonnel Management 🔊	Monitor 🚍 Me	ssage 🗮 Logs	System		
+ New	0	Scan C	Refresh 🗿 Update	All Online Offli	ine All	~) Q			Search Reset
	iype	Node	Location	Gate1	102 168 31 5	MAC 001105060414	Status	+irmware	
			Community	Galer	192.100.01.0	00110000414	-	29.00.100.1	
	Ĭ	1.1.1.1	Building1 - Unit1 - Floor1 - Ro	om1 403-Ryan	192.168.31.11	0C110507C730	•	113.30.6.131	S 0 0
			Commation	Linlock Delay Succeed	~				
				ок					
					_				

7.Personnel Management

Personnel Management module includes three sub-modules, namely Resident manager, Property Worker Manager, and verification mode manager. With these sub-modules, you will be able to achieve a complete management of residents, property staff, various type of authentication, and access control.

7.1. Manage Resident

You can add residents to their corresponding locations by rooms and building etc while managing their personal information and grant them various type of access method for the access control.

7.1.1. Add Resident

You can add resident to the rooms and building on the node basis.

1. Click Personnel Management module, and select ResidentManager, then click



- 2. Select specific room node at which you want to add the resident.
- 3. Enter the resident's personal information.
- 4. Set access authentication methods for the resident:
- 5. Create the private PIN code.
- 6. Click



to obtain the ID card number from the card reader connected to the SDMC, or enter the ID card number directly.

7. Click



to obtain the figure print from the finger print reader connected to the SDMC.

- 8. Upload Resident Face ID for access authentication.
- 9. Click Browse to upload the resident's picture, and reset the picture for re-upload if needed.
- 10. Click **Camera** to take a picture of the resident before uploading.

dd Resident 🔅 Import/Export		Q		Search	Reset
Add Resident			× ^{er}	Created Time	Operatio
← Community 1 (0) ← Building 1 (0)	Basic Information Location: * Building1 - Unit1 - Floor1 - Roo	m1			
← Unit 1 (0) ← Floor 1 (0)	Personnel ID: * IV378798				
Room 1 (0) Building 2 (0) Unit 1 (0)	Name: * Ryan Phone Number:				
 ▼ Floor 1 (0) ■ Room 1 (0) 	Email:	(The picture pixel should be 480 ' 480 or greater)			
1001111(0)	Verification Mode	Camera			
	Private Key: 123456	Reset			
	Card ID: 5533FFFF Finger Print: Please put on your finger on the device				
	ОК	ncel			
			-		

Camera	X

• Field Name Description:

N O	Fi el d Na m e	Description
1	Lo cat ion	Location can only be the room node (the lowest node)
2	Pe rso nn el I D	Personnel ID can be automatically generated, or you can change the personnel ID when adding the resident.
3	Na me	You can only enter 63 characters maximum in length.
6	Ph on e	You can only enter 63 characters maximum in length.
5	E ma il	You can only enter 63 characters maximum in length.

6	Pri vat e Ke y	Private PIN code should be 2-8 digits
7	Ca rd I D	You can only enter number or alphabet with 127 digits in length. Each resident can be as signed with five card numbers maximum. And card numbers should be separated by ";"
8	Fin ge r P rint	Scan your finger on the finger print reader.
9	Fa ce ID	You can upload the face ID directly, or you can take a picture of the resident with your PC camera (the picture should be 480*480 or greater). Face in the picture should be clear an d in front-view, accounting for 1/4 of the total space of the picture.

Note:

After the resident information and authentication methods are set up, you are required to click

🗊 Update

in the Device Management Module to synchronize the data to the device.

7.1.2.Import/Export Resident Data

You can import the .zip file to SDMC to quickly set up resident's information and access authentication methods and export the zip file as needed for backup for later use etc.

1. Click



- 2. Click Import, and select the .zip file in your local PC, then upload the file to your SDMC.
- 3. Tick the checkbox of the specific resident(s) or tick

🗹 Туре

of all the resident, then click Export and select where you want to store the .zip file in your PC, then click **Save**.

Ada	d Resident	lmport/Export				Q		Search	Reset
	Туре	Personnel ID	Name	Location		Verification Type	Phone Number	Created Time	Operatio
	Resident	FJ747184	Ryan	Building1 - Unit1 - Floor1 - R	oom1	Private Key		2021-11-25 10:41:41	20
		Import/Export				X			
					Import Resider	nt		×	
		Export	🚹 Import		Look	in: Ryan-SDMC	~ G 🖸	· 🖻 🛄 -	
		File	Format: * Zip(.zip)		*	Name Resident_2021-11-2	5-11-05-25.zip 11/25/	nodified Type 2021 11:05 AM WinR	
			Type: * Resident		Quick access	5			
		0.	last File: a		Desktop				
		36	iect File.						
			ок	Cancel	Libraries				
						٢			
					Network	File name: Resid	ent_2021-11-25-11-05-25.zip	✓ Open	
						Files of type: zip File	es(".zip) en as read-only	 Cancel 	
						Search		a <u>#</u>	
						Jearch			

• .Zip file sample

	ace ingerPrint esident.xlsx													0 0 9,147
	А	В	С	D	E	F	G	Н	1	J	K	L	M	N
1	Index	Location	PersonnelT	Personnell	Name	PhoneNun	Email	PrivateKey	CardID	FingerPrint	FaceID			
2	1	Communit	Resident	FJ747184	Ryan			123456						
3														
4														
5														

Note:

You are allowed to upload .xlsx excel file to the SDMC directly if you do not need to import face and finger print data.

7.1.3.Check/Edit/Delete Resident

You can search, check, edit and delete the residents that have been added.

- 1. Search the resident by **Personnel ID**,**Name**, **Location**, **Phone Number** in the Fuzzy search field
- 2. Tick the checkbox of the specific resident(s) or tick the

🗹 Туре

if you want to delete all the residents

8	Dashboard	🙀 Device Management	R= Personne	el Management	Monitor	Ę,	Message	E Logs	System		
Ad	ld Resident	Import/Export						Q		Search	Reset
	Туре	Personnel ID	Name	Locatio	n		Verific	ation Type	Phone Number	Created Time	Operation
	Resident	FJ747184	Ryan	Building	1 - Unit1 - Floor1 - Ro	om1	Private	Кеу		2021-11-25 10:41:41	6
	Resident	IE699188	Jim	Building	2 - Unit1 - Floor1 - Ro	om1				2021-11-25 11:28:14	6

3.Tick the checkbox of specific resident you want to edit.

Community 1 (2)	 Basic Information 			
→ Building 1 (1)	Location: *	Building1 - Unit1 - Floor1 - Room1		
 ✓ Unit 1 (1) ✓ Floor 1 (1) 	Personnel ID: *	FJ747184		
Room 1 (1)	Name: *	Ryan		
 ▼ Building 2 (1) ▼ Unit 1 (1) 	Phone Number:			
	Email:		(The pictu 480 or gr	ire pixel should be 480 * eater)
Room 1 (1)	 Verification Mode 	·		Camera
	Privato Kov	123456		Browse
	Card ID:			Reset
	Finger Print:			
		Please put on your finger on the device.		

7.2. Manage Property Staff

7.2.1.Add Property Staff

You can add property staff(s) and grant them the permission to unlock the doors or gates in the specific location for the property management.

- 1. Click Personal Management Module, and select Property Worker Manager.
- 2. Click



- 3. Enter the staff's personal information and change the automatically generated personnel ID if needed.
- 4. Grant the staff the permission to access the specific door by selecting the specific access control device at the specific location.
- 5. Set the authentication methods for the staff in the same way as you do for the residents.

Add Property Worker							×
Basic Information Personnel ID: * Email: Device	MV070761	Ph	Name: * one Number:	Jim			
Alternative:	 i uone (u) Area 1 (0) Building 1 (1) Unit 1 (0) Floor 1 (0) Gate 1 	Select(1):	Node Building1	Device Name Gate1	IP 192.168.31.5	MAC 0C1105060414	(Photo with 480°480 pixels or above is recommended) Camera Browse Reset
Verification Mode Private Key: [Finger Print: [1234567 Please put on your finger on the device.	[@]	Card ID:				
	(ок		Car	ncel		

Note:

You can refer to chapter 7.2.2 for how to Set the authentication methods for the property staff

7.2.2.Import/Export Property Staff

You can import the .zip file to SDMC to quickly set up property staff information and access authentication methods, and export the zip file as needed for backup for later use etc.

- 1. Click
- 2. Click Import, and select the .zip file in your local PC, then upload the file to your SDMC.
- 3. Tick the checkbox of the specific property staff(s) or tick

🗹 Туре

of all the staffs, then click **Export** and select where you want to store the .zip file in your PC, then click **Save**.

Ņ	SDMC 6.0.0.2	Dashboard	Device Management	옷 = Personnel Management	Monitor	🗐 Message	🗄 Logs 📑 Syste			
+ Add F	Property Worker	import/Export					Q		Search	Reset
	Туре	Personnel ID	Name	Device		Verification Type	Phone Number	c	Created Time	Operation
	Property Worker	GO177054	Jim	Gate1				2	2021-11-25 15:10:46	0
			Import/Export				×			
				0	-	-			~	
			Export	Import Import		Look in:	an-SDMC v	G 🧊 🕫 🖽 -	×	
			File For	mat: * Zip(.zip)		Name	operty Worker 2021-11-25-15-32-49.zip	Date modified 11/25/2021 3:33 PM	Type WinR	
			Select	File: *		Quick access	sident_2021-11-25-11-05-25.zip	11/25/2021 11:05 AM	WinR	
			00001			Desktop				
				ок	Cancel	Libraries				
							-		>	
						Network Files of	ve: Propety Worker_2021-11-25-15-32-4 type: zip Files(".zip)	9.zip ~ 0 ~ Ca	ancel	
						-	Open as read-only			
						Sea	rcn			

• .Zip file sample

Face	0
FingerPrint	0
Property Worker xlsx	9,127

	E17	*	e jx											
	A	В	С	D	E	F	G	Н	1	J	K	L	М	
1	Index	Personnel	T Personnell	Name	PhoneNun	r Email	PrivateKey	CardID	FingerPrint	FaceID	DeviceMA	C		
2	1	Property V	GO177054	1 Jim							0C110506	0414		
3														
4														

Note:

You are allowed to upload .xlsx excel file to the SDMC directly if you do not need to import face and finger print data.

7.2.3.Check/Edit/Delete Property Staff

~ ~

You can search, check, edit and delete the property staff that have been added if needed.

- 1. Search the property staff by **Personnel ID**,**Name**, **Location**, **Phone Number** in the Fuzzy search field if needed.
- 2. Tick the checkbox of the specific property staff(s) or tick

🗹 Туре

the if you want to delete all the property staffs.

	Ņ	SDMC 6.0.0.2	Dashboard	Device Management	RE Personnel Management	S Monitor	🗐 Message	E Logs	System		≙ - ♂ >
(+ Add F	Property Worker	Import/Export					Q		Search	Reset
		Туре	Personnel ID	Name	Device		Verification Type	Pho	ne Number	Created Time	Operation
		Property Worker	GO177054	Jim	Gate1					2021-11-25 15:10:46	@ @

3.Tick the checkbox of the specific property staff you want to edit.

Edit Property Worker							×
 Basic Information 	n						
Personnel ID: *	GO177054		Name: *	Name: * Jim			
Email:		Ph	one Number:				
 Device 							
Alternative:	- Community 1 (1)	Select(1):	Node	Device Name	IP	MAC	
	▼ □ Public (0)		Building1	Gate1	192.168.31.5	0C1105060414	(Photo with 480*480 pixels or above is recommended)
	 Area 1 (0) ■ Building 1 (1) 						Camera
	▼ □ Unit 1 (0)						Browse
	Floor 1 (0)						Reset
 Verification Mode 	e						
Private Key:			Card ID:				
Finger Print:							
	Please put on your finger on the device.						
		ок		Car	ncel		

Note:

Keyword used for searching property staff are case-sensitive

7.3. Access Authentication Management

You can create various types of authentication methods to be used by both residents and property staffs. And you can designate the specific location(s) where you want them to gain access to.

7.4.Face ID

7.4.1.Create Face ID

- 1. Navigate to Personal Management > Verification Mode Manager > Face ID
- 2. Click
 - + New
- 3. Select Personnel Type.

Second and a second	Basic Information			
Community 1 (6)	Demonstration	Desident		
Huilding 1 (4) Huilding 1 (4)	Personner Type. *	Resident		
♥ Onit 1 (4) ▼ Eloor 1 (4)	Personnel ID: *	RR674284		
Room101 1 (4)	Name: *		Select	
▼ Building 2 (2)	Dhono Numbor:			
	Phone Number.			
▼ Floor 1 (2)	Email:			(Photo with 480"480 pixels of above is recommended)
Room 1 (2)	Location: *	Building1 - Unit1 - Floor1 - Room		Camera
100112 (0)				Browse
				Reset
)			

- Select "Resident" type
- 1.

Select

Enter the resident's name or you can click to select the resident from the existing residents name list, then fill in other information.

- 2. Select the room node for the resident.(The resident will be able to access the building in which the room is located.)
- 3. Upload the resident's picture to SDMC.
- Select "Property Worker " type
- 1.

Select

Enter the property staff's name or you can click to select the staff from the existing property staff name list, then fill in other information.

- 2. Select the specific nodes (locations) where you allow the property staff to gain access to.
- 3. Upload the property staff 's picture to SDMC

Add Face ID								X
 Basic Information Personnel Type: * 	Property Worker	<u> </u>	F	Personnel ID: *	3695405			
Name: *		Select		Email:				
Phone Number:							(Dhata with 400t 400 a	
 Device 							(Photo with 480-480 pl is recommended)	ixels of above
Alternative: *	• i ubiic (o)	Select(1):	Node	Device Name	IP	MAC	Camera	а
	 Area 1 (0) Building 1 (1) 		Building1	Gate1	192.168.31.5	0C1105060414	Browse	÷
							Reset	
	Floor 1 (0)							
	Gate1						j	
		ок		Ca	ncel			

7.4.2.Import/Export Finger Print

Contract Import/Export

You can import face IDs and to SDMC for residents and property staffs for a quicker and larger scale scale face ID enrollment, and export the data out as backup for later user if needed.

- 1. Navigate to Personal Management > Verification Mode Manager > Face ID
- 2. Click

Import/Export X
Export Import
File Format: * Zip(.zip)
Type: * Face
Select File: *
OK Cancel
3.Click
Import
, and select the .zip file, then import the file to the SDMC
4.Click
Export Export

to export the .zip face data out of the SDMC to your local PC.

7.4.3.Check/Edit/Delete Face Data

- 1. Navigate to Personal Management > Verification Mode Manager > Face ID
- 2. Search the face ID by personnel ID, Name in the fuzzy search field. Reset the search keyword if needed.
- 3. Tick the



checkbox of specific face ID to delete the specific ID or you can tick the to delete all of them.

4. Tick

of the specific resident and property staff for the deletion.

	88	Dashboard 🙀 Device N	anagement 🛛 🏯 Personnel Manag	ement 🔊 Monitor 🗐 Mess	age 🛱 Logs 🗐 System			
ပြီး Face ID	+ New	import/Export			Q	Search Reset		
Private Key		Туре	Personnel ID	Name	Created Time	Operation		
		Resident	FJ747184	Ryan	2021-11-25 14:12:31	@		
Card ID		Resident	CS325274	Andrew	2021-11-25 16:51:59	@		
Finger Print		Property Worker	GO177054	Jim	2021-11-25 19:31:19	@		
Temp Key			Confirmation	×				
		Are you sure you want to delete this face id?						
		Yes No						

7.5. Private PIN Code

7.5.1.Create Private PIN Code

Private PIN code is used by the residents for door unlock.

- 1. Navigate to Personal Management > Verification Mode Manager > Private Key.
- 2. Click
 - + New
- 3. Select Personnel Type:

Add Private Key		×
 Community 1 (6) Building 1 (4) Unit 1 (4) Floor 1 (4) Room1011 (4) Building 2 (2) Unit 1 (2) Floor 1 (2) Room 1 (2) Room 2 (0) 	 Basic Information Personnel Type: * Resident Personnel ID: * QL618165 Name: * Phone Number: Email: Location: * Building1 - Unit1 - Floor1 - Room Verification Mode Private Key: * 	Select
ок	Cancel	

- Select "Resident" type
- 1. Enter the resident's name or you can click Select

to select the resident from the existing residents name list, then fill in other information.

- 2. Select the room node for the resident.(The resident will be able to access the building in which the room is located.)
- 3. Create Private PIN code for the resident.
- Select "Property Worker " type
- 1. Enter the property staff's name or you can click Select

to select the staff from the existing property staff name list, then fill in other information.

- 2. Select the specific nodes (locations) where you allow the property staff to gain access to.
- 3. Create private PIN Code for the residents.

 Basic Information 							
Personnel Type: *	Property Worker	~	Personnel ID: * DC313522				
Name: * (Select	Email:				
Phone Number:							
Device							
Alternative:	← Building 1 (1) ← Unit 1 (0) ← Floor 1 (0)	Select(1):	Node Building1	Device Name Gate1	IP 192.168.31.5	MAC 0C1105060414	
	✓ Gate1 ■ Building 2 (1) ■ · · · · · · · · · · · · · · · · · · ·						
 Verification Mode 							
Private Key: *							
	ок		ſ	Cancel			

7.5.2.Import/Export Private PIN Code

You can import private PIN code to SDMC for residents for a quicker and larger number of PIN code setup, and export the data out as backup for later user if needed.

1. Navigate to Personal Management > Verification Mode Manager > Private Key.

2. Click	
Import/Export	×
Export import File Format: * Excel(.xlsx) Type: * Private Key Select File: * OK Cancel	
3.Click	

, and select the .zip file, then import the file to the SDMC



to export the .zip private PIN code data out of the SDMC to your local PC.

7.5.3.Search/Edit Delete Private PIN Code

- 1. Navigate to Personal Management > Verification Mode Manager > Private PIN Code.
- 2. Search the Private PIN code by **Personnel ID**, **Name** in the fuzzy search field. Reset the search keyword if needed.
- 3. Tick the checkbox of specific private code for the deletion, or you can tick



the to delete all of them.

4. Tick

C

of the specific resident and property staff for the PIN code deletion.

		Dashboard 🎯 Devic	e Management 🛛 🎘 🗄 Personi	nel Management 🔊 Monitor	🚍 Message 🗮 I	Logs 🖃 System		
Face ID	+ New	Import/Export					Search Reset	
Private Key		Туре	Personnel ID	Name	Private Key	Created Time	Operation	
Card ID		Resident	FJ747184	Ryan	123456	2021-11-25 10:41:41	0	
		Resident	NU390480	Cathy	12345678	2021-11-25 16:10:52	0	
Finger Print		Property Worker	LZ972925	Jim	12313121	2021-11-25 19:15:09	6	
Temp Key			Confirmation		×			
	Are you sure you want to delete this private key?							
	Yes No							

7.6.Card ID

7.6.1.Create Card ID

You can create access card number for both residents and property manager.

- 1. Navigate to Personal Management > Verification Mode Manager > Card ID.
- 2. Click
 - + New
- 3. Select Personnel Type:
| Community 1 (6) ■ Building 1 (4) ■ Unit 1 (4) | Basic Information Personnel Type: * Resident | |
|---|---|---|
| ▼ Floor 1 (4) | Personnel ID: * EP988472 | |
| Room101 1 (4) | Name: * Ryan Selec | t |
| ▼ Building 2 (2) ▼ Unit 1 (2) ▼ Floor 1 (2) Room 1 (2) Room 2 (0) | Phone Number:
Email:
Location: * Building1 - Unit1 - Floor1 - Room
• Verification Mode
Card ID: * | |
| ок | Cancel | |

- Select "Resident" type
- 1. Enter the resident's name or you can click Select

to select the resident from the existing residents name list, then fill in other information.

- 2. Select the room node for the resident.(The resident will be able to access the building in which the room is located.)
- 3. Click

to obtain the card number for the card reader, or you fill in the card number manually.

- Select "Property Worker " type
- 1. Enter the staff's name or you can click

Select

to select the resident from the existing property stuff's name list, then fill in other information.

- 2. Select the specific nodes (locations) where you allow the property staff to gain access to.
- 3. Click



to obtain the card number for the card reader, or you fill in the card number manually.

	Basic Information	
✓ Community 1 (6)		
▼ Building 1 (4)	Personnel Type: * Resident	
▼ Unit 1 (4)	Personnel ID: * XU713863	
R00m1011(4)	Name: *	t
 Building 2 (2) Linit 1 (2) 	Phone Number:	
✓ Floor 1 (2)	Email	
Room 1 (2)		
Room 2 (0)	Location: * Building1 - Unit1 - Floor1 - Room	
	 Verification Mode 	
	Cald ID. *	

7.6.2.Import/Export Card ID

Import/Export

You can import access card number for residents and property staffs in batch, and export the data out to your local PC as backup for later user if needed.

- 1. Navigate to Personal Management > Verification Mode Manager > Card ID.
- 2. Click.

Import/Export	×
Export Import	
File Format: * Excel(.xlsx)	
Type: * Card	
Select File: * C:\Users\86137\Desktop\R	
OK Cancel	



, and select the .xlsx file, then import the file to the SDMC.



to export the .xlsx card data out of the SDMC to your local PC.

7.6.3.Search/Edit Delete Card ID

- 1. Navigate to Personal Management > Verification Mode Manager > Face Card ID
- 2. Search the face ID by **Personnel ID**, **Name** in the fuzzy search field. Reset the search keyword if needed.
- 3. Tick the checkbox of specific card ID for the deletion, or you can tick



the to delete all of them.

4. Tick

C

of the specific property staff for the card ID deletion.

SDMC 6002	8	Dashboard	Device Management	RE Personnel Management	🔊 Monitor 🗐	Message 🗮 Logs	System	
Face ID	+ New	📀 Import	/Export			Q		Search Reset
Private Key		Туре	Personnel II	D Name	Card	ID	Created Time	Operation
Card ID		Property Worker	MI699537	Jim	12321	34	2021-11-25 20:21:46	8
Finger Print								
Temp Key								

7.7.Finger Print

7.7.1.Enroll Finger Print

- 1. Navigate to Personal Management > Verification Mode Manager > Finger Print
- 2. Click

🕂 New

- 3. Select Personnel Type:
- Select "Resident" type

- 1. Enter the resident's name or you can select the resident from the existing residents name list, then fill in other information.
- 2. Select the room node for the resident.(The resident will be able to access the building in which the room is located.)
- 3. Click
 - [@]

to enter the obtained the card number from the card reader, or you can fill in the card number.

	 Basic Information
Community 1 (6)	
■ Building 1 (4)	Personnel Type: * Resident
✓ Unit 1 (4)	Personnel ID: * AA944277
▼ Floor 1 (4) Recentled 1 (4)	
Room of 1 (4)	Name. *
 ✓ Unit 1 (2) 	Phone Number:
▼ Floor 1 (2)	Email:
Room 1 (2)	
Room 2 (0)	Location: * Building1 - Unit1 - Floor1 - Room
	 Verification Mode
	Finger Print: *
	Please put on your finger on the device.

- Select "Property Worker " type
- 1. Enter the property staff's name or you can click Select

to select the staff from the existing property staff name list, then fill in other information.

- 2. Select the specific nodes (locations) where you allow the property staff to gain access to.
- 3. Click
 - [@]

to enroll finger data for the property staff.

Add Finger Print							\times
 Basic Information 							
Personnel Type: *	Property Worker		Personnel ID): * IS083274			
Name: *	Jim	Select	Emai	t:			
Phone Number:							
Device							
Alternative:	 i uoine (u) Area 1 (0) Building 1 (1) Unit 1 (0) Floor 1 (0) ✓ Gate1 	Select(1):	Node Building1	Device Name Gate1	IP 192.168.31.5	MAC 0C1105060414	
 Verification Mode Finger Print: * 							
	Please put on your finger on the device.			Cancel			

7.7.2.Import/Export Finger Print

You can import finger print data to SDMC for residents and property staffs for a quicker and larger scale scale finger print enrollment, and export the data out as backup for later user if needed.

1. Navigate to Personal Management > Verification Mode Manager > Finger Print

2. Click .	port/Exj	port							
	80,	Dashboard 📦	Device Management	RE Personnel	l Management	fonitor 🗐 Messat	je 🗄 Log	ıs 🖃 System	â -
ည့် Face ID	+ New	import/Export							Search Reset
Private Key		Туре	Personnel ID		Name	Finger Print		Created Time	Operation
Card ID									
ଲି Finger Print			Import/Export				×		
Temp Key			Export	Import					
			File For	mat: * Zip(.zip)					
			Tj Select I	/pe: * Finger Pr	rint				
			00000	ок	Can	cel			
3.CIICK									
Import									

, and select the .zip file, then import the file to the SDMC



to export the .zip finger print data out of the SDMC to your local PC.

7.7.3.Check/Edit/Delete Finger Print Data

- 1. Navigate to Personal Management > Verification Mode Manager > Finger Print.
- 2. Search the finger print data in the fuzzy search field by **Personnel ID**, **Name** and **Finger Print** code .
- 3. Click



of the specific finger print for deletion or tick

🗹 Туре

to delete all the finger print if needed.

SDMC 60.0.2	Dashboard	Device Management	rsonnel Management 🔊	Monitor 🗐 Message 📋 L	ogs 📑 System	
Face ID	🕂 New 🌔 Import/Exp	ort				Search Reset
Private Key	🗆 Туре	Personnel ID	Name	Finger Print	Created Time	Operation
	Resident	PX164977	Ryan	2021112618221089546811.chr	2021-11-26 18:23:13	@
Card ID	Property Worker	ZL149017	Jim	2021112618221089546812.chr	2021-11-26 18:23:27	(2)
Temp Key						
Temp Key						

4.Click

C

of the specific finger, and edit the finger print.

- Edit Finger print for Resident
- 1. Edit the resident finger print information.
- 2. Change the room node to which the finger print access method is to be applied by the resident.

Edit Finger Print	X
 Community 1 (6) Building 1 (4) Unit 1 (4) Floor 1 (4) Building 2 (2) Unit 1 (2) Floor 1 (2) Building 2 (2) Unit 1 (2) Floor 1 (2) Building 2 (2) Unit 1 (2) Floor 1 (2) Building 2 (2) B	ent 4977 4977
Room 2 (0) • Verification Mode Finger Print: * 20211 Please print:	12618221089546811.chr
OK Finger Print: * 2021112618221089546812.chr	Cancel

Note:

Do not change the finer print code. eg . If change, it will result in invalid finger print authentication.

• Edit Finger print for Property Manager

- 1. Edit the resident finger print information.
- 2. Change the node to which the finger print access method is to be applied by the property staff.

Edit Finger Print						
 Basic Information 						
Personnel Type: *	Property Worker	-	Personnel	ID: * ZL149017		
Name: *	Jim		Ema	ail:		
Phone Number:						
 Device 						
Alternative:	 ↓ Unit 1 (0) ↓ Floor 1 (0) ✔ Gate1 ↓ Building 2 (1) ↓ Unit 1 (0) 	Select(1):	Node Building1	Device Name Gate1	IP 192.168.31.5	MAC 0C1105060414
 Verification Mode 						
Finger Print: *	2021112618221089546812.chr	[@]				
	Please put on your finger on the device.					
	ок			Cancel		

7.8.Temporary PIN Code

7.8.1.Create Temporary PIN Code

You can generate temporary PIN code with validity time range for the visitors to access the location you selected.

- 1. Navigate to Personal Management > Verification Mode Manager > Temp Key
- 2. Click



- 3. Enter the visitor's name, and select the visitor's visiting location that you allow the visitor to gain access to.
- 4. Enter the visitor's email for receiving temporary PIN code.
- 5. Click



to generate temporary PIN code for the visitor, or enter the PIN code manually.

6. Set the PIN code validity time range, then press Okay for the confirmation

✓ Community 1	Basic Information
▼ Public	Visitor Name: * Jim
Area 1 ▼ Building 1	Visit Location: * Building1 - Unit1 - Floor1 - Room1
✓ Unit 1✓ Floor 1	Email: *
Room 1	 Verification Mode
 ✓ Building 2 ✓ Unit 1 	Temp Key: * 99476040
✓ Floor 1 Room 1	Valid Time: 2021-11-26 00:00:00 ~
	2021-11-26 23:59:59 🗸

• Field Name Description

N O	Fie Id Na me	Description
1	Visi tor Na me	Enter the visitor name, which should be 63 digits maximum in length. The visitor's name can be seen in the access log.
2	Visi tor Lo cati on	Select the location (node) that you allow the visitor to access to. The node you selected can be applicable upwards. For example if you select the node "Building1" then the visito r is also allowed to access the "Community1" node, which is above the Building node.
3	Em ail	Email should be 255 digits in length maximum.
6	Te mp Ke y	Temporary PIN code should be 2-8 digit numbers starting with the number 9. You can ch ange the PIN code after its being generated.
	Vali d T ime	Set the validity time range for the temporary PIN code. The default valid time range is "0 0:00:00-23:59:59" of the day.

7.8.2.Check/ Edit /Delete Temporary PIN Code

After the Temporary PIN code is generated, you can change the visitor's information in terms of their names, visiting location, emails, and temporary PIN code along with its validity time range if needed.

- 1. Navigate to Personal Management > Verification Mode Manager > Temp Key.
- 2. Search the temporary PIN code in the search field by **Personnel ID**, **Name** and temporary PIN code .
- 3. Click



of the specific temporary PIN code for deletion or tick

🗹 Туре

to delete all the temporary PIN code if needed.

- 4. Tick the checkbox of the visitor and edit temporary PIN code information if needed.
- 5. Tick the check box of the visitor(s) or tick



to delete all the Temporary PIN code if needed.

Dashboard	Device Management	rsonnel Management 🔊 Monitor 🗐 Mes	sage 🗮 Logs 🗐 System	
+ New Visitor Name	Edit Temp Key		(Q	Search Reset Operation
Ryan	Community 1 Public Area 1 Building 1 Und 1 Floor 1 Room101 Und 1 Floor 1 Floor 1 Room 1 Room 1 Room 2	Basic Information Visitor Name: * Ryan Visit Location: * Building1 - Unit1 - Floor1 - Room Email: * (ryan.chen@akuvox.com Verification Mode Temp Key: * 9316 Temp Key: * 9316 Temp Key: * 2021-11-26 00:00 • _ 2021-11-26 23:59:59 • Cancel	0.00.00 2021-11-26 23 : 	959

8.Monitor

	🛱 -	o x
Setting	Click to configure monitoring and add monitoring device.	I
	Click to get full screen display	
Se	elect the number of display channel(s).	
	Click the tree icons to unlock the door, make calls and get full screen display	

8.1.Setting

8.1.1.Add Monitoring Device

You can add Akuvox door phones as monitoring devices in the same LAN network via scanning and you can also add third party IP camera for monitoring if needed.

- Add Akuvox Door Phone via Scanning
- 1. Click O and click O Scan
- 2. Tick the checkbox of the door phone you want to add, then click



Aonitor Setting						
7 s	ican 🕂	Add IP Camera				
	Туре	IP/RTSP Address	Device Name	MAC Address	Display	Operation
	IP Camera	rtsp://192.168.31.11/live/ch	Gate 3		Disabled	
~	Device	192.168.31.5	Gate1	0C1105060414	Disabled	

3.Enter the RTSP username and password for authentication, and select the number of the channel display.

4.Enter the relay username and password for authentication, and enable relay(s) as needed.

Modify Device			×	
 RTSP Setting 				
Device Number:	192.168.31.5	Device Name: *	Gate1	
MAC Address: *	0C1105060414	Display:	1 ~	
RTSP User:		RTSP Password:		
 Relay Setting 				
Username:	admin	Password:	•••••	
RelayA:		RelayB:		
RelayC:		RelayD:		
	ок		Cancel	

• Field Name Description:

N O.	Field Name	Descriptions
1	Device numb er	Shows the monitoring device IP address.
2	Device Name	Shows the monitoring device name by location.
3	MAC Address	Shows the monitoring device MAC address.
4	Display	Select the number of channel if you want to view the monitoring video (from 1 -16 channels).
5	RTSP User	Enter the door phone RTSP username for authentication.
6	RTSP Passw ord	Enter the door phone RTSP password for authentication.
7	Username	Enter the door phone relay username for authentication.

8	Password	Enter the door phone password for authentication.
9	Relay A/B/C/ D	Enable the relay(s) that can be triggered while you are monitoring.

Note:

• The number of channel selected should be matched with channel display icon you selected. For example, if you select "5" for the channel display, and you select

, then the video will not displayed, you instead, should select the channel icon greater than 5.

• Add Third Party IP camera

1. Click



, then click



- 2. Fill in the RTSP URL of the IP camera.
- 3. Fill the IP address of the access-controlling door phone.
- 4. Enter device name of the IP camera, and select the number of display channel.
- 5. Enter the relay username and password for the authentication.
- 6. Enable the relay(s) as needed.

Add IP Camera				×
 RTSP Setting 				
RTSP Address: *	rtsp://192.168.31.11/live/ch00-0			
Device Number:		Device Name: *		
Display:	1 ~			
Relay Setting				
Username:		Password:		
RelayA:		RelayB:		
RelayC:		RelayD:		
	ок		Cancel	

• Field Name Description:

NO	Field Name	Descriptions
1	RTSP Addres s	Enter the RTSP address in the URL format provided by third party IP camer a.
2	Device Name	Enter the IP address of the door phone that trigger the relay for the door unlock.
3	MAC Address	Enter the IP camera name, for example by its location.
4	Device Numb er	Enter the IP address of the door phone that is located closer to the the IP ca mera.

8.1.2. Edit/Delete Monitoring Device

You can edit and delete the monitoring device if needed.

1. Click

Û

of specific monitoring device you want to delete, or tic

k to delete all the monitoring device.

Monito	or Setting						X	
0	Scan +	Add IP Camera						
	Туре	IP/RTSP Address	Device Name	MAC Address	Display	Operation		
	IP Camera	rtsp://192.168.31.11/live/ch	Gate 3		Disabled			
	Device	192.168.31.5	Gate1	0C1105060414	1	R & B 🛛 🛈		
De	Delete All							
2.CI	2.Click							

to edit RTSP setting and relay setting if needed.

Modify Device				×
 RTSP Setting Device Number: 	192.168.31.5	Device Name: *	Gate1	
MAC Address: *	0C1105060414	Display:	1 ~	
RTSP User:		RTSP Password:		
 Relay Setting 				
Username:	admin	Password:	•••••	
RelayA:		RelayB:		
RelayC:		RelayD:		
	ок		Cancel	

8.1.3. Preview/Call/Unlock

After the monitoring device is set up, you can preview the video image from monitoring device to see who is standing at the door station, while making call to the person before you unlock the door.

1. Click

R

of the monitoring device want to take a preview of the video image.

2. Click on

to call the monitoring device if needed

Туре	IP/RTSP Address	Device Name	MAC Address	Display	Operation
IP Camera	rtsp://192.168.31.11/live/ch	Gate 3		Disabled	
Device	192.168.31.5	Gate1	0C1105060414	1	R & 6 C 🛈

A

to unlock the access-controlling door phone.

Мо	itor Setting			X
	Scan Type I IP Camera Device Device Type IP Camera I Device I Device I Device I I Device I I Device I I Device I I I I Device I I I Device I I I I Device I I I I Device I I I Device I I I Device I I I Device I I I I Device I I I I Device I I I I I I Device I I I I Device I I I I I Device I I I I I I I I I I I I I I I I I I I	Add IP Camer Union IP/F 192 Delete All	a Confirmation X Unlock Relay Succeed. OK Cancel	peration <lu> <lu> </lu></lu>

In addition, you can take a quick view of the full screen video footage from the monitoring device you want to monitor.

- 1. Click on the upper area as high-lighted in yellow.
- 2. Select the monitoring devices you want to monitor.

M	SDMC 60.02	Dashboard	Devic	e Manage	ment R≞ P	ersonnel Management	Monitor	🗐 Message	E Logs	System	
Setting	±Ω Gate 3										
				Monitor I	Re-selection			×			
					Device Name		IP/RTSP Address				
				0	Gate 3		rtsp://192.168.31.11/li	ve/ch00-0			
					Gate1		192.168.31.5				
						ок	Cancel				

9.Message

9.1.Create /Draft/ Send Message

You can Create, draft, send, messages or notifications to the targeted residents or to all the residents in the community if needed.

- 1. Click Message module, and select Text Message.
- 2. Create the subject and the message, then select the specific residents (by their room node(s))
- 3. Click **Send** to send message to the device (eg indoor monitor) you selected, or you can click **Save** to save the message as a draft for later used if needed.

Water Tank Cleanning				Force Message
Dear All,				
We are going to clean the water tank	k your building this Sunday!			
				77/400
Community 1 (2)	Location	Device Name	IP	MAC
Building 1 (2)	Building1 - Unit1 - Floor1 - Room1	403-Ryan	192.168.31.11	0C110507C730
🔻 🗹 Unit 1 (1)				
🔻 🗹 Floor 1 (1)				
▼ ✓ Room101 1 (1)				
Gate1				
 Building 2 (0) 				
▼ ☐ Floor 1 (0)				
Room 1 (0)				
Room 2 (0)				
	Water Tank Cleanning Dear All, We are going to clean the water tank • Community 1 (2) • Building 1 (2) • Whith 1 (1) • Floor 1 (1) • Room 101 (1) • Floor 1 (0) Room 1 (0) Room 2 (0)	Water Tank Cleanning Dear All, We are going to clean the water tank your building this Sunday! • Community 1(2) • Building 1(2) • Vinit 1(1) • Ploor 1(1) • Room101 1(1) • Room 101 1(1) • Floor 1(0) • Room 2(0) • Room 2(0) • Community 1(2) • Community 1(2) • Community 1(2) • Community 1(2) • Building 1(2) • Vinit 1(1) • Floor 1(1) • Room 2(0) • Community 1(2) • Community 1(2)	Location Device Name • Community 1 (2) • Building 1 (2) • Building 1 (2) • Building 1 (2) • Floor 1 (1) • 403-Ryan • Building 2 (0) • Building 2 (0) • Building 2 (0) • Building 2 (0) • Building 2 (0) • Floor 1 (0) • Room 1 (0) • Room 2 (0)	Location Device Name IP Building 1 (2) Evice Name IP Building 1 (2) Building 1 (2) 403-Ryan 192.168.31.11 V @ Room1011 (1) Image: State

9.2. Import/Export Message

You can import the message template file from your local PC to SDMC, and the message in the file will be automatically sent to the designated device node. You can export the received messages if needed.

- Import/Send Message to Residents
- 1. Navigate to Message > Text Message > Sent.
- 2. Click



to select the .xlsx message file from your local PC, and import the message file to the SDMC, which will send the message to the specific device node.

SDMC 60.0.2	8	Dashboard 🙀 Device Manag	ement 옷을 Personnel Management	Monitor 🗐 Messa	ge 📋 Logs 📄 System	â - 0
Inbox: 0/2	+ New	(b) Import From: 2021-11-29	00:00:00 ~ To: 2021-11-29 23:59:59			Search Reset
Sent: 6		То	Device Name	Subject	Sent Time	Operation
		Building1 - Unit1 - Floor1 - Room1011	403-Ryan	Water Tank Cleaning	2021-11-29 17:03:41	0 0 0
Draft: 1		Building1 - Unit1 - Floor1 - Room1011	403-Ryan	Water Tank Cleaning	2021-11-29 17:50:02	0 0 0
		Building1 - Unit1 - Floor1 - Room1011	403-Ryan	Okay	2021-11-29 17:56:08	0 0
		Building1 - Unit1 - Floor1 - Room1011	403-Ryan	Okay.Got it	2021-11-29 18:02:32	o o o
		Building1 - Unit1 - Floor1 - Room1011	Confirmation	×	2021-11-29 18:21:39	S 8 0
		Building1 - Unit1 - Floor1 - Room1011	Impart Russon	stubel	2021-11-29 18:29:44	6 6
			import success	anny.		
			ок			

• Import Template:

	D8	- @, fx		
	A	В	С	D
1	Index	Node	Subject	Content
2	1	Community1-Building1-Unit1-Floor1-Room1011	Test	Test
3				
4				

• Export Message

- 1. Click
 - R

of the specific message you want to export.

80	Dashboard 🙀 Device Manage	ment RE Personnel Management	S Monitor 🗐 Message	🗄 Logs 📑 System	≙ − <i>α</i>
+ New	(b) Import From: 2021-11-29	00:00:00 V To: 2021-11-29 23:59:59 V	\sim	Q	Search Reset
	То	Device Name	Subject	Sent Time	Operation
	Building1 - Unit1 - Floor1 - Room1011	403-Ryan	Water Tank Cleaning	2021-11-29 17:03:41	💿 🤌 📵
	Building1 - Unit1 - Floor1 - Room1011	403-Ryan	Water Tank Cleaning	2021-11-29 17:50:02	
	Building1 - Unit1 - Floor1 - Room1011	403-Ryan	Okay	2021-11-29 17:56:08	國 🤌 🎯

2.Click

Export Logs

to export the message to your local PC.

Detail						X
Subject:	Water Tan	k Cleaning				Force Message
Content:	Dear All, We are go	ing to clean the water tank in your building thi	s Sunday!			
						79/400
Detail:	Status	Location	Device Name	Created Time	Sent Time	
	0	Building1 - Unit1 - Floor1 - Room1011	403-Ryan	2021-11-29 17:03:41	2021-11-29 17:03:41	
		Export L	ogs	Cancel		

9.2.1.Check/Reply/Forward/Delete/Edit Message

9.2.1.1.Check/ Reply/ Forward/Delete Received Messages

You check, reply, forward, and delete the messages in the inbox.

- 1. Select Message > Text Message > Inbox
- 2. Search the message by **Date/All/Read/Unread**, or enter the keyword in the fuzzy search field by **Device name**, **Subject**.

	88	Dashboar	d 😡 Device Management	R≘ Personnel Management	S Monitor E Message	🖶 Logs 📑 System	<u> </u>
inbox: 0/2	+ New) Ali	O Unread 💿 Read	From: 2021-11-29 00:00	1:00 ~ To: 2021-11-29 23:59:59 ~	Q	Search Reset
Sent: 6		Status	From	Device Name	Subject	Receive Time	Operation
		Ð	Building1 - Unit1 - Floor1 - Room1011	403-Ryan	Okay.Got it	2021-11-29 17:43:19	o 💿 🔗 📵
Draft: 1		Ð	Building1 - Unit1 - Floor1 - Room1011	403-Ryan	Okay	2021-11-29 17:50:33	o 🗢 🙆 🔞



of the specific received message you want to check. You can also forward or reply the message while you are checking the message for details.

Detail				X
Subject:	Okay.Got it			
Content:	Okay.Got it			
	Forward	Reply	Cancel	
4.Click				
P				

of the specific received message you want to reply, and create you reply message, then click Send.

Reply Message					
Subject: *	Reply Okay.Got it				Force Message
Content: *	Thank you.				10/400
To:	Community 1 (2) Building 1 (2) ✓ Unit 1 (1) ✓ ✓ Unit 1 (1) ✓ ✓ Floor 1 (1) ✓ ✓	Location Building1 - Unit1 - Floor1 - Room1	Device Name 403-Ryan	IP 192.168.31.11	MAC 0C110507C730
		Send	e Ca	ncel	

5.Click

of the specific message you want to forward to other residents.

6.Select the node(s) to which you want to forward the message.

To: Community 1(2) Location Device Name IP MAC Building 1(2) Unit 1 (1) Image: Provide Name <					
	To:	Location Building1 - Unit1 - Floor1	Device Name 403-Ryan	IP 192.168.31.11	MAC 0C110507C730
Send		Send	C	ancel	

the specific received message you want to delete

Confirmation	×
Are you sure you want to delete this message?	
Yes No	

Note:

The two numbers on both side of "/" indicates the total number of received message and unread messages. For example



9.2.1.2.Check/Forward/Delete Sent Messages

- 1. Select Message > Text Message > Sent.
- 2. Search the message by **Date**, or enter the keyword in the fuzzy search field by **Device name**, **Subject**.
- 3. Click



on of the sent message you want to delete , or tick th



e to delete all the sent messages.

4. Click



of the specific sent message you want to check.

		Dashboard 🙀 Device Manage	ement R_{Ξ} Personnel Management	S Monitor E Message	🖶 Logs 🖃 System	÷ -
	+ New	(b) Import From: 2021-11-29	00:00:00 ~ To: 2021-11-29 23:59:59	9	Q	Search Reset
Sent: 6		То	Device Name	Subject	Sent Time	Operation
-		Building1 - Unit1 - Floor1 - Room1011	403-Ryan	Water Tank Cleaning	2021-11-29 17:03:41	📵 🤗 🔞
Draft: 1		Building1 - Unit1 - Floor1 - Room1011	403-Ryan	Water Tank Cleaning	2021-11-29 17:50:02	國 🤌 📵
		Building1 - Unit1 - Floor1 - Room1011	403-Ryan	Okay	2021-11-29 17:56:08	💿 🤗 📵

R

of the specific sent message you want to forward to other residents. Select the node(s) to which you want to send the message .

Community 1 (2)	Location	Device Name	IP	MAC
 Building 1 (2) 	Building1 - Unit1 - Floor1	403-Ryan	192.168.31.11	0C110507C730
🔻 🔽 Unit 1 (1)				
🔻 🗹 Floor 1 (1)				
🔻 🗹 Room101 1 (1)				
🗹 403-Ryan				
Gate1				
▼				
▼ □ Unit 1 (0)				
 Floor 1 (0) 				
Room 1 (0)	<u>.</u>			
Room 2 (0)	· · · · · · · · · · · · · · · · · · ·			
)				

9.2.1.3. Edit/Delete Draft messages

You can edit the draft message before sending to targeted residents, and delete draft message if needed.

- 1. Select Message > Text Message > Draft.
- 2. Search the message by **Date**, or enter the keyword in the fuzzy search field by **Device name**, **Subject**.

Inbox: 0/2 Image: New From: 2021-11-29 00:00:00 v To: 2021-11-29 23:59:59 v Image: New From: 2021-11-29 00:00:00 v To: 2021-11-29 23:59:59 v Search Re Image: New From: 2021-11-29 00:00:00 v To: 2021-11-29 23:59:59 v Image: New From: 2021-11-29 00:00:00 v To: Search Re Image: New From: 2021-11-29 00:00:00 v To: 2021-11-29 23:59:59 v Image: New From: 2021-11-29 00:00:00 v To: Search Re Image: New From: 2021-11-29 00:00:00 v To: 2021-11-29 23:59:59 v Image: New From: 2021-11-29 00:00:00 v To: Search Re Image: New From: 2021-11-29 00:00:00 v To: Device Name Subject Create Time Operation Image: New From: 2021-11 Building1 - Unit - Floori - Room1011 403-Ryan Water Tank Clearning on Sunday 2021-11-29 17.42.04 Image: 2021-11-29 17.42.04	Inbox: 0/2 • From: 2021-11-29 0.0000 To: 2021-11-29 23.55:59 Q Search Reset Ibidorg 1-Unit1 - Floor1 - Room1011 403-Ryan Water Tank Clearning on Sunday 2021-11-29 2021-11-29 0.0000 0				0	A		æ.			
INDUX: 0/2 INDUX:	INDUX: 0/2 New From. (2021-11-29 03.09.09) TO. (2021-11-29 23.95.95) C Search Reset		Dashboard	Device Manageme	ent XE Personnel Management	S Monitor	(≕) Message	E Logs	System		
Image: Sente S To Device Name Subject Create Time Operation Image: Subject Building1 - Unit - Floor1 - Room1011 403-Ryan Water Tank Clearning on Sunday 2021-11-29 17.42.04 Image: Operation	Image: Section of the section of t	Inbox: 0/2	+ New From: 202	1-11-29 00:00:00 💛 To:	2021-11-29 23:59:59 ~			Q		Search	Reset
E Draft: 1	Draft 1	Sent: 6	To	1 - Floor1 - Room1011	Device Name 403-Ryan	Subject Water Tank Clearnin	g on Sunday	Create Time 2021-11-29 17:42	204	Operation	
		🛃 Draft: 1									

of the sent message you want to delete , or tick the



to delete all the sent messages.

2. Click

of the specific message you want to edit and select the the node two to which you want to send the draft message.

Subject: *	Water Tank Clearning on Sunday				Force Message
Content: *	We are going to clean the water tan	k on Sunday			
					46/400
To:	▼ □ Community 1 (2)	Location	Device Name	IP	MAC
	✓ ■ Building 1 (2)	Building1 - Unit1 - Floor1 - Room1	403-Ryan	192.168.31.11	0C110507C730
	🔻 🗹 Unit 1 (1)				
	 Floor 1 (1) Recom101 1 (1) 				
	✓ 403-Ryan				
	Gate1				
	✓ Building 2 (0)				
	 Unit 1 (0) Floor 1 (0) 				
	Room 1 (0)				
	Room 2 (0)				

9.3.Ad Pushing

9.3.1.Photo/Video Ads

You can upload the Ad pictures videos to the SDMC and synchronize them to the targeted residents' indoor monitor. And the pictures and video will be displayed in rotation according to the display duration you set up.

- 1. Select Message > Community ID.
- 2. Click



- 3. Select Ad Type
- Photo Ad
- 1. Create a Ad list name for the picture based on your need.
- 2. Enter the description for the ad based on your need.
- 3. Click Import to upload the picture to SDMC, and set the display duration.
- 4. Click **Save** to save the picture, and click **Send To Device** if you want to synchronize the picture to the device.

Community AD					
AD Type: *	Photo	~)
AD List Name:	Test				
Description:	Test				
					4/127
AD List:	Name		Duration	Preview:	
		Akuvox2.jpg	10s		
		Akuvox1.jpg	10s		
			10s 20s		Akuvox
			30s		Open A Smart World
			60s 120s		
			180s		
			240s)	
	Import	Delete		Į	
		Send To De	vice	Save	Cancel

5.Select the device to which you want to synchronize the picture(s) by nodes, then click Send for the confirmation.

Send AD To Devic						X
Send AD To Devic	 Community 1 (2) Public (0) A rea 1 (0) Building 1 (2) ✓ Unit 1 (1) ✓ Floor 1 (1) 	Location Building1 - Unit1 - Floor1 - Room1	Device Name 403-Ryan	IP 192.168.31.11	MAC 0C110507C730	×
	 ♥ Floor 1 (1) ♥ Room 101 1 (♥ 403-Ryan Gate 1 ♥ Building 2 (0) ♥ Unit 1 (0) ♥ Floor 1 (0) ■ Room 1 (0) 					
		Send				

• Field Name Description:

N O	Fi el d N a m e	Descriptions
1	A d T yp e	Select photo or video ad according to you need.

2	A D st N a m e	Create Ad list name for the convenience of management and categorization
3	D es cri pti o n	Enter the description for ads, for example you can enter the owner of the ads and ad expir ation date etc.
4	N a m e	Shows the file name of the picture
5	D ur ati o n	Set the rotational display duration of the pictures. The duration can be 10s, 20s, 30,60s, 1 20s,180s,240s, 300s, 600s, 1200s, 1800s,3600s, and 10s (default duration). For example , if you select "10s" for the duration, then a picture will be displayed for 10 seconds before it changes to the next one.
6	Pr ev ie w	Display the preview of the picture.

Note:

The picture should be .jpg, jpeg, and png format with recommended dimension of 1920*1080 .

• Video Ad

- 1. Create an Ad list name for the video based on your need.
- 2. Enter the description for the video based on your need.
- 3. Click $\ensuremath{\mathsf{Import}}$ to upload the video to SDMC, and set the display duration.
- 4. Click **Save** to save the picture, select the video(s) and click **Send To Device** if you want to synchronize the video to the device.

Community AD						Х
AD Type: *	Vi deo	~ ~				
Description:	Akuvox					
						6/127
AD List:		Name		Duration		
		Akuvox.MP4		10s	\sim	
	Import	Delete				
		Send To Device	Save	Cancel		

5.Select the device to which you want to synchronize the video(s) by nodes, then click **Send** for the confirmation.

ommunity 1 (2) Public (0) Area 1 (0) Building 1 (2) Vunit 1 (1)	Location Building1 - Unit1 - Floor1 - Room1	Device Name 403-Ryan	IP 192.168.31.11	MAC 0C110507C730
Area 1 (0) Building 1 (2) Vinit 1 (1)				
Building 1 (2)				
🗹 Unit 1 (1)				
Contractor in the second se				
🕶 🗹 Floor 1 (1)				
🔻 🗹 Room101 1 (
🗹 403-Ryan				
Gate1				
Building 2 (0)				
Unit 1 (0)				
 Floor 1 (0) Room 1 (0) 				
	 403-Ryan Gate1 Building 2 (0) Unit 1 (0) Floor 1 (0) Room 1 (0) 	403-Ryan Gate1 Building 2 (0) Unit 1 (0) Floor 1 (0) Room 1 (0)	403-Ryan Gate1 Building 2 (0) Unit 1 (0) Floor 1 (0) Room 1 (0)	403-Ryan Gate1 Building 2 (0) Unit 1 (0) Fioor 1 (0)

Note:

The video should be mp4, wmv, avi format.

9.3.2.Check/Delete/Edit Ads

- 1. Select Message > Community AD.
- 2. Search the ads by Ad List name, Ad Number, and Description in the fuzzy search field.
- 3. Click

Û

of the ad(s) you want to delete, or click **Delete All** if you want to delete all of them.

	SDMC							
	6.0.0.2	Dashboard	Device Management	RE Personnel Management	S Monitor	🚍 Message	🗄 Logs 📑 System	
+ New							Q	Search Reset
	Index	Status	AD List Name	AD Type		AD Number	Description	Operation
	1	16	AKuvox	Video		0	Test	(3)
	2	16	Test-1	Video		1	Test	(3)
	3	16	Test-2	Photo		2	Test	(3)
	4	8	Video-Teset-1	Video		1	Akuvox	(a)

4.Edit the ads according to your need.

Community AD						
AD Type: *	Photo	~				
AD List Name:	Test-2)
Description:	Test					
					4/127	
AD List:		Name	Duration	Preview:		
		Akuvox2.jpg	10s			
		Akuvox1.jpg	10s			
		Akuvox3.jpg	10s			
					Ακυνοχ	
					Smart Intercom	
				-		
	Import	Delete				
		Send To Devi	ce	Save	Cancel	

10.Logs

Log module allows you manages four types logs. Namely, Access Logs, Alarm logs, Call logs, System logs.

10.1.Access Logs

10.1.1.Search/Check/Delete Access Logs

- 1. Click Logs Module, and select Access Logs.
- 2. Search the access log by Name, Location, Personnel ID, Device Name, in the search field
- 3. Click
 - E

to see the picture captured.

4. Click



of the log you want to delete, or click Delete All if you want to delete all the logs.

N	SDMC							
	6.0.0.6	Dashboard	Device Management	Personnel Management	honitor 📮 Mes	sage 🗮 Logs 🗎	System	
Expo	ert From: 2021-11-30 00:0	10:00 ~ To: 2021-11-30 23:59:	i9 ~			Q		Search Reset
	Time	Location	Device Name	Personnel ID	Name	Verification Mode	Capture	Operation
	2021-11-30 17:23:24	Community1	563653	JU406149	Ryan	Private Key	8	0
	2021-11-30 17:20:05	Community1	563653			Private Key		0
Dele	te Delete All		Total:2	K 1/1	D 16/page	Go		

10.1.2. Export Access Logs

You can export Access Logs if needed.

1. Click Logs Module, and select Access Logs.

N	SDMC	Dashboard	Device Management	RE Personnel Management	🔊 Monitor	🗒 Message 🗮 Logs [System	8 - 0
Expor	rt From: 2021-11-30 00:0	0:00 V To: 2021-11-30 23:5	59:59 ~					Search Reset
	Time	Location	Device Name	Personnel ID	Name	Verification Mode	Capture	Operation
	2021-11-30 17:23:24	Community1	563653	JU406149	Ryan	Private Key	0	0
	2021-11-30 17:20:05	Community1	563653			Private Key	()	0

2.Click

Export

to export the log to your PC.

×	
export filtered access logs??	
No	
	export filtered access logs??

10.2. Alarm Logs

10.2.1. Search/Check/Delete Alarm Logs

- 1. Click Logs Module, and select Alarm Logs.
- 2. Search the alarm log by All/Dealt/Undealt/, Location, in the search field.
- 3. Click

to see the picture captured.

- 4. Click
 - Û

of the log you want to delete, or click Delete All if you want to delete all the logs.

	SDMC					
	6.0.0.6	Dashboard 🙀 Device Manag	jement R_{Ξ} Personnel Management	🔊 Monitor 🗐 Message	🗄 Logs 📑 System	
() Expo	rt From: 2021-11-30 00:00:00 ~	To: 2021-11-30 23:59:59 ~		IIA	~) Q	Search Reset
	Status	Alarm Type	Location	Alarm Time	Deal Time	Operation
	Ð	Alarm Area1 Bedroom Infrared	Community1	2021-11-30 14:05:15	2021-11-30 14:07:28	8 8
Dele	te Delete All		Total:1 🚺 🚺 1/1	16/page >	Go	

5.Click

2

of the alarm logs if you want to enter remarks for the alarm you have dealt.

Alarm Ty	be: Alarm Area1 Bedroom Infrared
Alarm Ty	pe: 2021-11-30 14:05:15
Conte	nt: 123123
	6/100

10.2.2. Export Alarm Logs

You can export Alarm Logs if needed.

1. Click Logs Module, and select Alarm Logs.

N	SDMC	Dashboard 🜍 Device Manage	ement 😤 Personnel Management	🔊 Monitor 🖃 Message	Logs E System	
Expo	rt From: 2021-11-30 00:00:00 ~	To: 2021-11-30 23:59:59 ~		All	✓) (Q	Search Reset
	Status	Alarm Type	Location	Alarm Time	Deal Time	Operation
	E)	Alarm Area1 Bedroom Infrared	Community1	2021-11-30 14:05:15	2021-11-30 14:07:28	

2.Click

Export

to export the log to your PC.



10.3. Call logs

10.3.1. Search/Check/Delete Call Logs

- 1. Click Logs Module, and select Call Logs.
- 2. Search the call log by date, by type, and location in the search field.
- 3. Click
 - 1

of the log you want to delete, or click Delete All if you want to delete all the logs.

		SD	мс											
		6.0.0.2		Dashboard	Device Management	R_{Ξ} Person	nel Management	Monitor	🚍 Message	Logs	System			
C	Export	Fro	m: 2021-11-30 00:00:00 ~	To: 2021-11-30	23:59:59 ~			Туре	All	-) Q			Search	Reset
		Index	Date&Time		Caller		Receiver		Call Tim	e		Operation		
		1	2021-11-30 15:42:28		SDMC		192.168.31.5		00:00:03			1		
		2	2021-11-30 13:52:13		SDMC		192.168.31.5		00:00:04			0		

10.3.2. Export Call Logs

You can export Alarm Logs if needed.

- 1. Click Logs Module, and select Call Logs.
- 2. Click



to export the log to your PC.

	a sr	мс								
	6.0.0.	2 Dashboard	Device Manage	ement <u>R</u> = Perso	nnel Management 🔊 Monitor		Message	System		
Expo	rt Fr	om: 2021-11-30 00:00:00 ~ To: 2021-11-5	30 23:59:59 ~		Туг	pe: All	<u>~</u> Q		Search	Reset
	Index	Date&Time	Caller		Receiver		Call Time		Operation	
	1	2021-11-30 15:42:28	SDMC		192.168.31.5		00:00:03		6	
	2	2021-11-30 13:52:13	SDMC		192.168.31.5		00:00:04		0	
				Confirmation						
				Committation		^				
				Are you s	ure you want to export filtered call logs?					
					Yes No					
Dele	te	Delete All		Total:2	1/1 🚺 🚺	16/page	;			

10.4. System Logs

System module allows you to monitor all the system operations that have occurred in the SDMC. You can check system logs and export the log to your PC if needed.

10.4.1. Search/Export Logs

- 1. Click Logs Module, and select System Log.
- 2. Search the logs by date and by keyword in the search field.
- 3. Click

🖄 Export

to export the system logs to your PC.

	SDMC	☞ Device Management 🙊 Personnel Management 🔊 Monitor 📮 Message 🗮 Logs 🗮 System	
Export	From: 2021-11-30 00:00:00 >> To: 2021-11-3	23:59:59 ~	Search Reset
Index	Time	Operation	
1	2021-11-30 13:46:55	Export Access Log: [df]	
2	2021-11-30 13:40:56	Login	
3	2021-11-30 13:38:05	Send AD List: [Device Name=403-Ryan:AD List Name=Test-2]	
4	2021-11-30 11:10:37	Send AD List: [Device Name=403-Ryan:AD List Name=Hi]	
5	2021-11-30 10:38:52	Login	
6	2021-11-30 10:33:04	Send AD List: [Device Name=403-Ryan:AD List Name=Test]	
7	2021-11-30 10:15:02	Send AD List: [Device Name=Gate1;403-Ryan,AD List Name=AKuvox]	
8	2021-11-30 10:13:22	Send AD List: [Device Name=403-Ryan:AD List Name=AKuvox]	
9	2021-11-30 10:12:54	Send AD List: [Device Name=403-Ryan;AD List Name=AKuvox]	
10	2021-11-30 09:46:38	Modify Network: [Network Interface Card=ASIX AX88772C USB2.0 to Fast Ethernet Adapter; IP=192.168.31.19]	
11	2021-11-30 09:46:36	Login	

• Operation code examples

System log is composed of the operation code starting with a verb .

N O	Oper ation Verb	Descriptions
1	Login	Indicates an Login operation meaning some one has log in to the SDMC
2	Send	Indicates an Send operation, for example" Send AD List: [Device Name=403-Ryan; A dlist Name=Test-2" means AD list has been sent to the device (403-Ryan) with Ad list name "Test-2"
3	Modif y	Indicates an Modfiy operation,Modify Network [Network Interface Card=192.168.31. 15, IP=192.168.31.19, meaning the network adaptor IP address has been changed to 192.168.31.19

11.System

11.1.SIP Setting

You are required to configure SIP setting for the SDMC before you can make SIP calls from SMDC to the devices.

- 1. Click System Module, and select SIP Setting.
- 2. Configure the SDMC SIP setting.

SDMC 600.2	Dashboard 🐼 Device Management 🖇	R= Personnel Management 🔊 Monitor 🗄	크 Message 📋 Logs 🖹 System	
SIP Account Status: Disabled Display Name: Username:		Account Active: Disable Register Name: Password:	~	
SIP Server1 SIP Server:	Port: (1024-65035)	Registration Period: (30-65535)		
SIP Server2 SIP Server:	Port: (1024-65035)	Registration Period: (30-65635)		
Outbound Proxy Server Outbound Domain: Enable Outbound: Enable	Pare DIS	Server IP:	Port: (1024-65535)	
Advanced Setting RPort Enable	~			
		ОК Сапсеі		

• Field Name Description

NO.	Field Name	Descriptions
SIP acco unt	Status	Displays if the SIP account i s registered or not. It will sh ow "Enabled" if the accoun t is not registered.
Acco unt A ctive	Enable or disable the registered SIP account	
Displ ay N ame	Configure the name, for example the device's name to be sh own on the called-party device. You can fill in 63 bytes of ch aracters in length maximum.	
Regi ster Nam e	Enter the SIP account register Name obtained from the SIP a ccount administrator. You can fill in 63 bytes of characters in length maximum.	
User nam e	Enter the SIP account register Name obtained from the SIP a ccount administrator for authentication. You can fill in 63 byte s of characters in length maximum.	
Pass word	Enter the password obtained from the SIP account administr ator for authentication.	
SIP Serv er1/ 2	SIP server	Enter the SIP server IP addr ess or its URL.
Port	Set SIP server port for data transmission	
Regi strati on	Set SIP account registration time pan. SIP re-registration will start automatically if the account registration fails during the r egistration time span. The default registration period is "180 0", ranging from 30-65535s.	

Outb ound Prox y Se rver	Outbound Domain	Enter the domain name (DN S) provided by the outboun d proxy server provider.
Ena ble Outb ound	Enable the outbound proxy server.	
Serv er IP	Enter the Outbound SIP server IP address or its UR	
Port	Enter the outbound SIP server port for data transmission	
Adva nced Setti ng	RPort	Enable the Rport when the SIP server is in WAN (Wide Area Network).

Note:

An outbound proxy server is used to receive all initiating request messages and route them to the designated SIP server for the data transmission.

11.1.1. Import/Export/backup Database

You can export the SDMC data to your local PC as a backup, which can be used to restore your SDMC database when n data damage or data breakdown occurs. You can set the auto backup schedule for the database.

- 1. Click System Module, and select Database.
- 2. Set the auto backup schedule for the SMDC database if need. Database is used to restore the database when data damage or data breakdown occurs.
- 3. Click



to upload the .db file (database) from your local PC to SDMC.

4. Click



to export the .db file (database) to your local PC.

Backup		×
Export Imp	port	
Auto Backup Directory:	C:\Program Files (x86)\Akuvox\SDMC	Select file
Auto Backup:	Never	
Time:	Never Every Day Every Week (Monday) Every Month (1st)	
OK Cancel		

11.2. Device Autop Data Backup

11.2.1.Update Autop Data to Device

- 1. Click System Module, and select Device Data Backup.
- 2. Select the the device by node on the left column or search the device by **Device Name**, **MAC** etc.
- 3. Click



of the device to which you want to update the AutoP data.

Status Location Building1 Building1 - L	nit1 - Floor1 - Room1011	Device Name Gate1	IP 192.168.31.5	MAC 0C1105060414	Firmware 29.30.103.1	Operation
Building1 Building1 - U	nit1 - Floor1 - Room1011	Gate1	192.168.31.5	0C1105060414	29.30.103.1	000
Building1 - U	nit1 - Floor1 - Room1011					
		403-Ryan	192.168.31.11	0C110507C730	113.30.6.131	000
	Backup Tin	ne	Note			
	васкир пл	le	Note			
		Backup Tin	Backup Time	Backup Time Note	Backup Time Note	Backup Time Note

11.2.2. Reset the device

You can reset the device remotely from your SDMC for the device maintenance and troubleshooting etc.if needed.

- 1. Click System Module, and select Device Data Backup.
- 2. Select the the device by node on the left column or search the device by **Device Name**, **MAC** etc.
- 3. Click
 - C

of the device you want to reset.

4. Enter the authentication username and password.

SDMC System X
Are you sure you want to reset the device? The device will be offline when resetting, and the device configuration and data will be lost.
Device Username: *
Device Password: *
OK Cancel

11.2.3. Reboot the device

You can reboot the device remotely from your SDMC for the device the maintenance and troubleshooting etc.if needed.

- 1. Click System Module, and select Device Data Backup.
- 2. Select the device by node on the left column or search the device by **Device Name**, **MAC** etc.
- 3. Click
 - C

of the device you want to reboot.

4. Enter the authentication username and password.

SDMC System	×
Are you sure you want to restart the device? The device will go offline on restart.	
Device Username: *	
Device Password: *	
OK Cancel	
11.3. Lift Control

- 1. Click System Module, and select Lift Control.
- 2. Click on



of the lift you want to control.

Control				
ndex	Status	Label	HTTP Command	Operation
1	Disable	Lift1	Http://	
2	Disable	Lift2	Http://	
3	Disable	Lift3	Http://	
4	Disable	Lift4	Http://	
5	Disable	Lift5	Http://	
3	Disable	Lift6	Http://	

- 1. Enable the lift, and edit the lift label.
- 2. Enter the lift-control HTTP command provided by the life controller manufacturer. Then back out.

Lift Control Setting		×
Lift ID: *	Label1	
Status: *	Enable	
Label: *	Lift1	
HTTP Command: *	Http://	
	OK Cancel	

Click

on Lift to summon the lift.

Lift		X
i Setting		
	Lift1	
	Cancel	

• Field Name Description:

NO	Field Name	Descriptions
1	Enable	Enable it so that you can configure the lift control
2	Label	Configure the lift label 1-6. The label should be 63 digits maximum in lengt h.
3	HTTP comman d	Enter the HTTP command, which should be 255 digits maximum in length.

Lift control can also be made on the dashboard.

	Dashboard	Device Management R_{Ξ} Personnel M	anagement 🔊 Monitor \Xi) Message 📋 Logs 🗐 System
+Q Add Resident	Reminder			
+C Add Face ID	Offline Devices	Undealt Alarms	Missed Calls	Unread Messages
+ Add Card	x 1	0	0	0
+ Add Temp Key	Community Information	Lift 🔞 Setting		
Send Message	Total Devices			ce IDs
in Lin	2	1	Lift1	ب ا ع
	Cards			vate Keys
	— 1	(Cancel	3
		-		

11.4. System Setting

11.4.1. Quick Entrance

Quick Entrance allows you to configure operational icons on the dashboard for the quick and convenient of operations.

- 1. Click System Module, and select System Setting.
- 2. Click Quick Entrance.
- 3. Move the operational icons left or right using
 - >>
 - <<

and adjust the dashboard position of the operational icons selected using



according to your need.

System Setting				×
	No Display Entry:		Synchronize Data Detail:	
Lunguuge	Add Property We	orker	Add Resident	
Network	Add Finger Print		Add Face ID	
Deserved	Add Private Key		Add Card	
Password			Add Temp Key	
Quick Entrance			Send Message	
SMTP			Lift	
Mapping				
SDMC 60.02	Dashboard Si Device Manag	ement RE Personnel Man	agement 🔊 Monitor 🗐 M	essage 🛱 Logs 🗐 System
+Q Add Resident	Reminder			
+ Gun Add Face ID	Offline Devices	Undealt Alarms	Missed Calls	Unread Messages
+ Add Card	F 1	0	٥ 🎸	0
+ Add Temp Key	Community Information			
Send Message	Total Devices	Rooms	Residents	Face IDs
Lit Lift	2	3	6	[J] 3

11.4.2. SMTP

SMTP server can be configured in your SDMC. When alarm goes off or door is unlocked, then notification can be sent to the SMTP server.

- 1. Click System Module, and select System Setting.
- 2. Click SMTP.

Setting		
Language	Nick Name: SDMC	
Network	Username:	
Password	Password:	
Quick Entrance	SMTP Server:	
SMTP	SMTP Port: 25	
Mapping		
	ок	Cancel

• Field Name Description:

N O	Field N ame	Descriptions
1	Nick Na me	Enter the sender name of the notification, which is SDMC by default. The sender na me should be 63 digit maximum in length.
2	Userna me	Enter the SMTP server authentication username.
3	Passwo rd	Enter the SMTP server authentication password
4	SMTP Server	Enter the SMTP server address. It should 255 digit maximum in length
5	SMTP Port	Enter the SMTP server port ranging from 1-65535. 25 is the initial default number.

12.Contact Us

For more information about the product, please visit us at www.akuvox.com or feel free to contact us by

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We highly appreciate your feedback about our products.

