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How to call four indoor station with DS-KV8413 series

Preparation

1. Four indoor stations DS-KH6320/KH8350/KH8520 and one DS-KV8413 villa door station;
2. Client software iVMS-4200 (V3.5.0.7)

Note:

1. Firmware version in this document: indoor station V2.1.20_build210420, villa door station V2.2.45_build210430
2. This guide only uses a simple video intercom system to demonstrate the function, which only contains indoor stations and villa door station. No main station is contained.

1. Add devices to iVMS-4200

- 1) Go to **Device Management-> Add to Client** to add all devices (four indoor stations and one villa door station) to iVMS-4200
- 2) Make sure all device IP addresses are in the same local network. Click **Modify Net info** to modify if they are not.

	Name	Connection...	Network Para...	Device Type	Serial No.	Security Le...	Resource U...	Firmware Upgrade	Operation
<input type="checkbox"/>	1	IP/Domain	10.9.96.134:8000	Door Station	DS-KV8413-WME1(B)012...	Weak	Online	No available version	[Edit] [Refresh] [Add] [Remove]
<input type="checkbox"/>	2	IP/Domain	10.9.96.153:8000	Indoor Stati...	DS-KH8520-WTE1012020...	Weak	Online	No available version	[Edit] [Refresh] [Add] [Remove]
<input type="checkbox"/>	3	IP/Domain	10.9.96.152:8000	Indoor Stati...	DS-KH6320-WTE1012019...	Weak	Online	No available version	[Edit] [Refresh] [Add] [Remove]
<input type="checkbox"/>	4	IP/Domain	10.9.96.127:8000	Indoor Stati...	DS-KH6320-TE101202003...	Weak	Online	No available version	[Edit] [Refresh] [Add] [Remove]
<input type="checkbox"/>	5	IP/Domain	10.9.96.112:8000	Indoor Stati...	DS-KH9310-WTE1012020...	Weak	Online	No available version	[Edit] [Refresh] [Add] [Remove]

2. Set Main Indoor Station 1

- 1) Select one indoor station, click Remote Configuration;
- 2) Go to **Network-> Group Network Parameters**, select Device Type as Indoor Station;
- 3) Set a room number (ranges from 1-9999) and a registration password for it;
- 4) Click Save to finish;

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Remote Configuration

Group Network Settings

Group Network Parameters

Device Type	Indoor Station	SIP No.	10010110001
Community No.	1	Registration Password	••••••••
Building No.	1	Master Station IP Addr...	0.0.0.0
Unit No.	1	(Main) Door Station IP ...	0.0.0.0
Floor No.	1	SIP Server IP Address	0.0.0.0
Room No.	1	Doorphone IP Address	0.0.0.0
		Main Door Station Type	Main Door Station ...
		Security Control Panel I...	0.0.0.0
		Security Control Panel P...	0

Save

3. Set Main Indoor Station 2

Repeat **Step 2** to set main indoor station 2. Only to change the Room No. here to 2.

Remote Configuration

Group Network Settings

Group Network Parameters

Device Type	Indoor Station	SIP No.	10010110001
Community No.	1	Registration Password	••••••••
Building No.	1	Master Station IP Addr...	0.0.0.0
Unit No.	1	(Main) Door Station IP ...	0.0.0.0
Floor No.	1	SIP Server IP Address	0.0.0.0
Room No.	2	Doorphone IP Address	0.0.0.0
		Main Door Station Type	Main Door Station ...
		Security Control Panel I...	0.0.0.0
		Security Control Panel P...	0

Save

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4. Set Main Indoor Station 3

Repeat Step 2 to set main indoor station 3. Only to change the Room No. here to 3.

Remote Configuration

Group Network Settings

Group Network Parameters

Device Type	Indoor Station	SIP No.	10010110001
Community No.	1	Registration Password	••••••••
Building No.	1	Master Station IP Addr...	0.0.0.0
Unit No.	1	(Main) Door Station IP ...	0.0.0.0
Floor No.	1	SIP Server IP Address	0.0.0.0
Room No.	3	Doorphone IP Address	0.0.0.0
		Main Door Station Type	Main Door Station ...
		Security Control Panel I...	0.0.0.0
		Security Control Panel P...	0

Save

5. Set Main Indoor Station 4

Repeat Step 2 to set main indoor station 4. Only to change the Room No. here to 4.

Remote Configuration

Group Network Settings

Group Network Parameters

Device Type	Indoor Station	SIP No.	10010110001
Community No.	1	Registration Password	••••••••
Building No.	1	Master Station IP Addr...	0.0.0.0
Unit No.	1	(Main) Door Station IP ...	0.0.0.0
Floor No.	1	SIP Server IP Address	0.0.0.0
Room No.	4	Doorphone IP Address	0.0.0.0
		Main Door Station Type	Main Door Station ...
		Security Control Panel I...	0.0.0.0
		Security Control Panel P...	0

Save

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6. Set Villa Door Station

- 1) Go to **Intercom**->**Device No.** to select the Device Type as Villa Door Station;
- 2) Set a **Door Station No.** (Ranges from 0~16). 0 represents main station while 1~16 represents extension station;
- 3) Click Save to finish;

The screenshot shows the 'Device No.' configuration page. The left sidebar is open to 'Intercom'. The main content area has the following settings:

- Device Type: Villa Door Station
- Floor No.: 1
- Door Station No.: 0
- Advanced Settings:
 - Community No.: 1
 - Building No.: 1
 - Unit No.: 1

A red 'Save' button is located at the bottom center of the configuration area.

- 4) Go to **Intercom**->**Press Button to Call** to link the button on villa door station to indoor stations. For example, Button Settings 1 means that button 1 could call room 1, Button Settings 2 means that button 2 could call room 2;
- 5) Click Save to finish;

The screenshot shows the 'Press Button to Call' configuration page. The left sidebar is open to 'Intercom'. The main content area has the following table:

No.	Button Settings	Link Time Schedule
01	1	Enable Indoor Station All D
02	2	Enable Indoor Station All D
03	3	Enable Indoor Station All D
04	4	Enable Indoor Station All D

A red 'Save' button is located at the bottom center of the configuration area.

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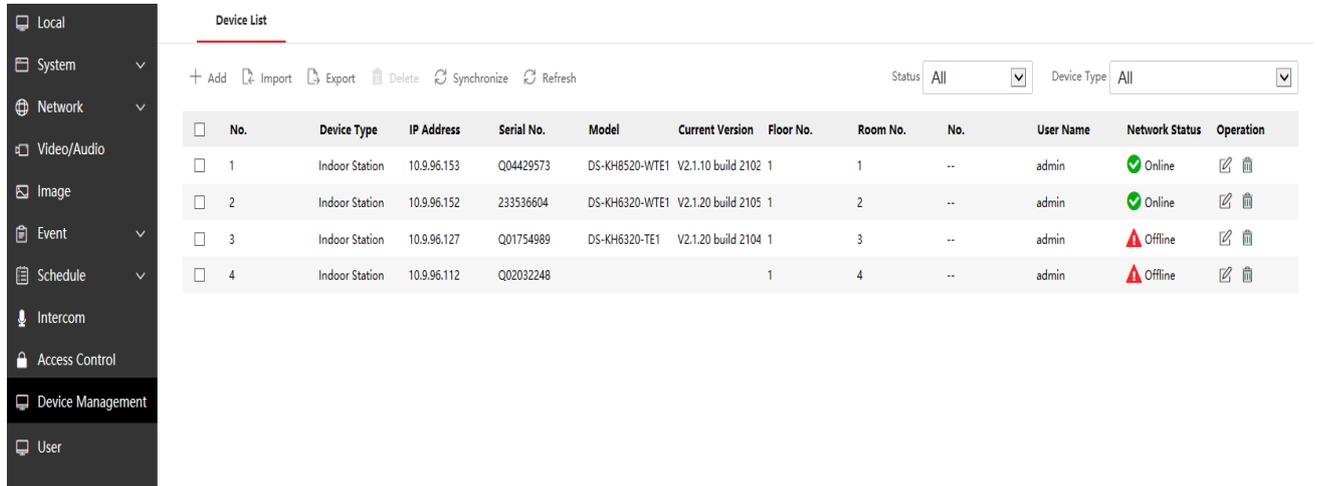
4) Then go to **Device Management** ->**Add**, set the Device Type as Indoor Station, fill in the necessary info of the device.

5) Click OK to finish;

6) Repeat 4) and 5) to add Main Indoor Station 2, Main Indoor Station 3 and Main Indoor Station 4 using their own information.

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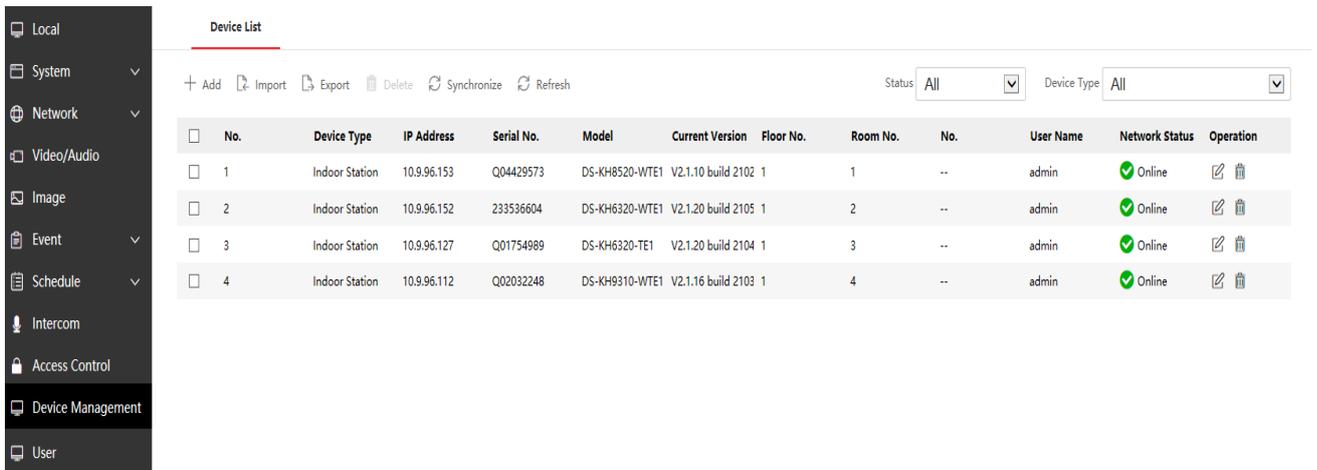
7) After we complete the device information, you will see the page as shown below. (all 4 devices may not be online)



The screenshot shows the 'Device List' interface. On the left is a navigation menu with options: Local, System, Network, Video/Audio, Image, Event, Schedule, Intercom, Access Control, Device Management, and User. The main area displays a table of 4 devices. The table has columns for No., Device Type, IP Address, Serial No., Model, Current Version, Floor No., Room No., No., User Name, Network Status, and Operation. The first two devices are 'Online' (green checkmark), and the last two are 'Offline' (red triangle).

No.	Device Type	IP Address	Serial No.	Model	Current Version	Floor No.	Room No.	No.	User Name	Network Status	Operation
1	Indoor Station	10.9.96.153	Q04429573	DS-KH8520-WTE1	V2.1.10 build 2102	1	1	--	admin	Online	[Edit] [Delete]
2	Indoor Station	10.9.96.152	233536604	DS-KH6320-WTE1	V2.1.20 build 2105	1	2	--	admin	Online	[Edit] [Delete]
3	Indoor Station	10.9.96.127	Q01754989	DS-KH6320-TE1	V2.1.20 build 2104	1	3	--	admin	Offline	[Edit] [Delete]
4	Indoor Station	10.9.96.112	Q02032248			1	4	--	admin	Offline	[Edit] [Delete]

8) Wait 5 to 10 minutes, and all 4 devices will be online.



The screenshot shows the 'Device List' interface after 5-10 minutes. All 4 devices in the table now have a green checkmark and are labeled 'Online' in the Network Status column.

No.	Device Type	IP Address	Serial No.	Model	Current Version	Floor No.	Room No.	No.	User Name	Network Status	Operation
1	Indoor Station	10.9.96.153	Q04429573	DS-KH8520-WTE1	V2.1.10 build 2102	1	1	--	admin	Online	[Edit] [Delete]
2	Indoor Station	10.9.96.152	233536604	DS-KH6320-WTE1	V2.1.20 build 2105	1	2	--	admin	Online	[Edit] [Delete]
3	Indoor Station	10.9.96.127	Q01754989	DS-KH6320-TE1	V2.1.20 build 2104	1	3	--	admin	Online	[Edit] [Delete]
4	Indoor Station	10.9.96.112	Q02032248	DS-KH9310-WTE1	V2.1.16 build 2103	1	4	--	admin	Online	[Edit] [Delete]

7 . Make a Call Using Villa Door Station

Press the button 1 to call room 1; Press the button 2 to call room 2; Press the button 3 to call room 3; Press the button 4 to call room 4

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