

HIKVISION



Video Intercom Indoor Station

Quick Start Guide

JD02902B

Quick Start Guide

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This quick start guide is intended for users of the models below:

Series	Model
Indoor Station (6-Series)	DS-KH6310-W
	DS-KH6310
	DS-KH6310-WL
	DS-KH6210-L
Indoor Station (8-Series)	DS-KH8301-WTS
	DS-KH8301-WT
	DS-KH8300-T

It includes instructions on how to use the Product. The software embodied in the Product is governed by the user license agreement covering that Product.

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Support

Should you have any questions, please do not hesitate to contact your local dealer.

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Regulatory Information

FCC Information

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC compliance: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

FCC Conditions

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

EU Conformity Statement



This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the EMC Directive 2004/108/EC, the RoHS Directive 2011/65/EU.



2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info



2006/66/EC (battery directive): This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see: www.recyclethis.info

Industry Canada ICES-003 Compliance

This device meets the CAN ICES-3 (A)/NMB-3(A) standards requirements.



Safety Instruction

These instructions are intended to ensure that user can use the product correctly to avoid danger or property loss.

The precaution measure is divided into **Warnings** and **Cautions**:

Warnings: Neglecting any of the warnings may cause serious injury or death.

Cautions: Neglecting any of the cautions may cause injury or equipment damage.

	
Warnings Follow these safeguards to prevent serious injury or death.	Cautions Follow these precautions to prevent potential injury or material damage.



Warnings

All the electronic operation should be strictly compliance with the electrical safety regulations, fire prevention regulations and other related regulations in your local region.

Please use the power adapter, which is provided by normal company. The power consumption cannot be less than the required value.

Do not connect several devices to one power adapter as adapter overload may cause over-heat or fire hazard.

Please make sure that the power has been disconnected before you wire, install or dismantle the device.

When the product is installed on wall or ceiling, the device shall be firmly fixed.

If smoke, odors or noise rise from the device, turn off the power at once and unplug the power cable, and then please contact the service center.

If the product does not work properly, please contact your dealer or the nearest service center. Never attempt to disassemble the device yourself. (We shall not assume any responsibility for problems caused by unauthorized repair or maintenance.)



Cautions

Do not drop the device or subject it to physical shock, and do not expose it to high electromagnetism radiation. Avoid the equipment installation on vibrations surface or places subject to shock (ignorance can cause equipment damage).

Do not place the device in extremely hot (refer to the specification of the device for the detailed operating temperature), cold, dusty or damp locations, and do not expose it to high electromagnetic radiation.

The device cover for indoor use shall be kept from rain and moisture.

Exposing the equipment to direct sun light, low ventilation or heat source such as heater or radiator is forbidden (ignorance can cause fire danger).

Do not aim the device at the sun or extra bright places. A blooming or smear may occur otherwise (which is not a malfunction however), and affecting the endurance of sensor at the same time.

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Please use the provided glove when open up the device cover, avoid direct contact with the device cover, because the acidic sweat of the fingers may erode the surface coating of the device cover.

Please use a soft and dry cloth when clean inside and outside surfaces of the device cover, do not use alkaline detergents.

Please keep all wrappers after unpack them for future use. In case of any failure occurred, you need to return the device to the factory with the original wrapper. Transportation without the original wrapper may result in damage on the device and lead to additional costs.

Improper use or replacement of the battery may result in hazard of explosion. Replace with the same or equivalent type only. Dispose of used batteries according to the instructions provided by the battery manufacturer.

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1 Appearance

1.1 Appearance of DS-KH8301-WTS/DS-KH8301-WT/DS-KH8300-T

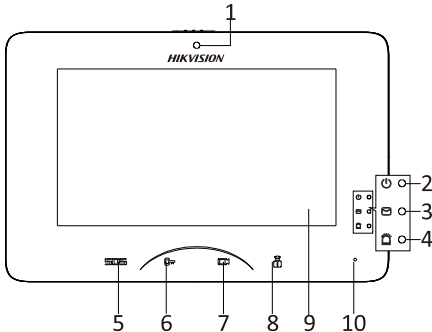


Figure 1-1 Front Panel

Table 1-1 Components Description

No.	Description
1	Built-in Camera (Only DS-KH8301-WT supports)
2	Power Supply Indicator
3	Information Indicator
4	Alarm Indicator
5	SOS Touch Key
6	Unlock Touch Key
7	Live View Touch Key
8	Management Center Touch Key
9	LCD Display Screen
10	Microphone

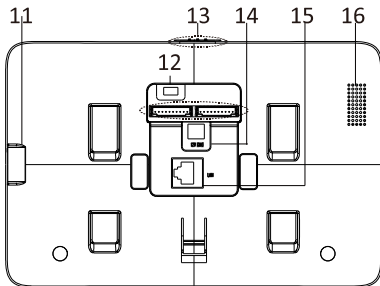



Figure 1-2 Rear Panel

Table 1-2 Components Description

No.	Description
11	TF Card Slot
12	Serial Port
13	Mechanical Switch
14	Power Supply Indicator
15	Network Interface
16	Loudspeaker



- Hold down the **SOS** touch key to trigger a SOS alarm and upload the alarm message to the management center (iVMS-4200 client software or the master station).
- The Unlock key () is valid only when does the indoor station speak with the door station or open the live view of the door station.

1.2 Appearance of DS-KH6310-W/DS-KH6310

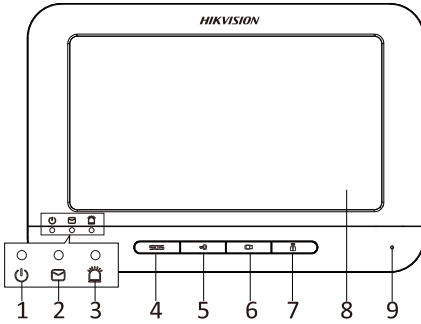


Figure 1-3 Front Panel

Table 1-3 Components Description

No.	Description
1	Power Supply Indicator
2	Information Indicator
3	Alarm Indicator
4	SOS Key
5	Unlock Key
6	Live View Key
7	Management Center Key
8	LCD Display Screen
9	Microphone

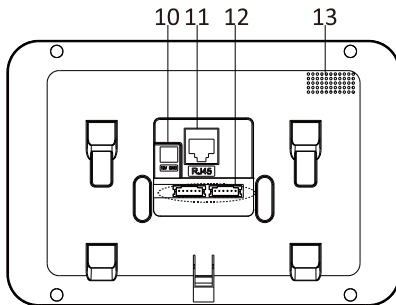



Figure 1-4 Rear Panel

Table 1-4 Components Description

No.	Description
10	Power Supply Interface
11	Network Interface
12	Terminals
13	Loudspeaker



- Hold down the **SOS** key to trigger a SOS alarm and upload the alarm message to the management center (iVMS-4200 client software or the master station).
- The Unlock key () is valid only when does the indoor station speak with the door station or open the live view of the door station.

1.3 Appearance of DS-KH6310-WL/DS-KH6210-L

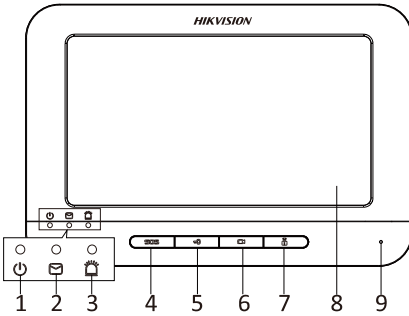


Figure 1-5 Front Panel

Table 1-5 Components Description

No.	Description
1	Power Supply Indicator
2	Information Indicator
3	Alarm Indicator
4	SOS Key
5	Unlock Key
6	Live View Key
7	Management Center Key
8	LCD Display Screen
9	Microphone

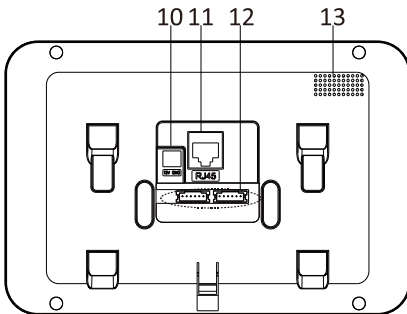



Figure 1-6 Rear Panel





Table 1-6 Components Description

No.	Description
10	Power Supply
11	Network Interface
12	Terminals
13	Loudspeaker



- Hold down the **SOS** key to trigger a SOS alarm and upload the alarm message to the management center (iVMS-4200 client software or the master station).
- The Unlock key () is valid only when does the indoor station speak with the door station or open the live view of the door station.
- For DS-KH6210-L indoor station, there are different meanings when you press or hold down the four mechanical keys.

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Keys	Hold Down	Press
	SOS Key	Return Key
		Direction Keys ▲ and ◀/Unlock Key
	Live View Key Alarm	Direction Keys ▼ and ▶
	Management Center Key	Confirm Key

2 Terminals and Interfaces

2.1 Terminals and Interfaces of DS-KH8301-WTS/ DS-KH8301-WT/DS-KH8300-T

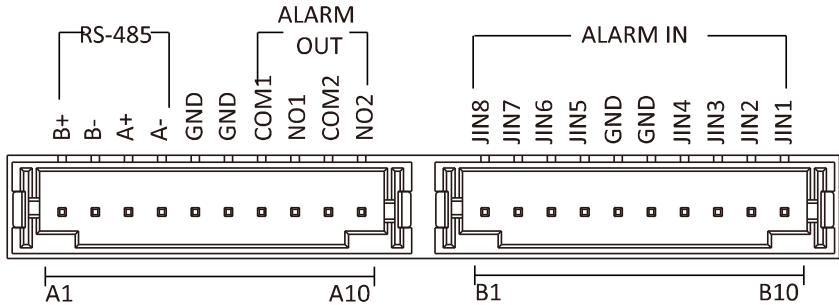


Figure 2-1 Terminals of DS-KH8301-WTS/DS-KH8301-WT/DS-KH8300-T

Table 2-1 Descriptions of Terminals and Interfaces

Name	No.	Interface	Description
485 Communication Port	A1	RS485B+	RS-485 Communication Interfaces
	A2	RS485B-	
	A3	RS485A+	
	A4	RS485A-	
Grounding	A5	GND	Grounding
	A6	GND	Grounding
ALARM OUT (Alarm Output)	A7	COM1	Alarm Relay Output Terminal 1 (Dry Contact)
	A8	NO1	
	A9	COM2	Alarm Relay Output Terminal 2 (Dry Contact)
	A10	NO2	
ALARM IN (Zone Input)	B1	JIN8	Zone Detector Input Terminal 8
	B2	JIN7	Zone Detector Input Terminal 7
	B3	JIN6	Zone Detector Input Terminal 6
	B4	JIN5	Zone Detector Input Terminal 5
	B5	GND	Grounding
	B6	GND	Grounding

Name	No.	Interface	Description
	B7	JIN4	Zone Detector Input Terminal 4
	B8	JIN3	Zone Detector Input Terminal 3
	B9	JIN2	Zone Detector Input Terminal 2
	B10	JIN1	Zone Detector Input Terminal 1

2.2 Terminals and Interfaces of DS-KH6310-W/ DS-KH6310

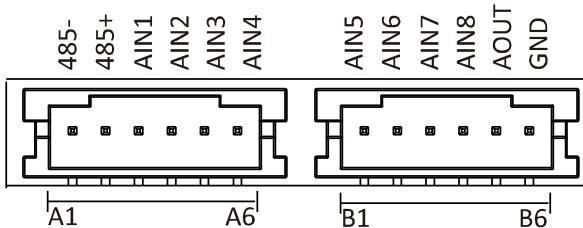


Figure 2-2 terminals of DS-KH6310-W/DS-KH6310

Table 2-2 Descriptions of Terminals and Interfaces

Name	No.	Interface	Description
Terminals	A1	RS485-	RS-485 Communication Interfaces
	A2	RS485+	
	A3	AIN1	Zone Detector Input Terminal 1
	A4	AIN2	Zone Detector Input Terminal 2
	A5	AIN3	Zone Detector Input Terminal 3
	A6	AIN4	Zone Detector Input Terminal 4
	B1	AIN5	Zone Detector Input Terminal 5
	B2	AIN6	Zone Detector Input Terminal 6
	B3	AIN7	Zone Detector Input Terminal 7
	B4	AIN8	Zone Detector Input Terminal 8
	B5	AOUT	Alarm Relay Output
	B6	GND	Grounding

2.3 Terminals and Interfaces of DS-KH6310-WL/ DS-KH6210-L

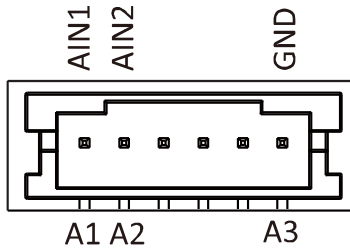


Figure 2-3 Terminals of DS-KH6310-WL/DS-KH6210-L

Table 2-3 Terminals Description

Name	No.	Interface	Description
Terminals	A1	AIN1	Zone Detector Input Terminal 1
	A2	AIN2	Zone Detector Input Terminal 2
	A3	GND	Grounding

3 Installation and Wiring

Before you start:

- Make sure the device in the package is in good condition and all the assembly parts are included.
- The power supply the indoor station supports is 12 VDC. Please make sure your power supply matches your indoor station.
- Make sure all the related equipment is power-off during the installation.
- Check the product specification for the installation environment.

3.1 Indoor Station Installation

The wall mounting plate and the junction box are required to install the indoor station onto the wall. Junction boxes for 8-series and 6-series indoor stations are the same.

3.1.1 Wall Mounting Plate

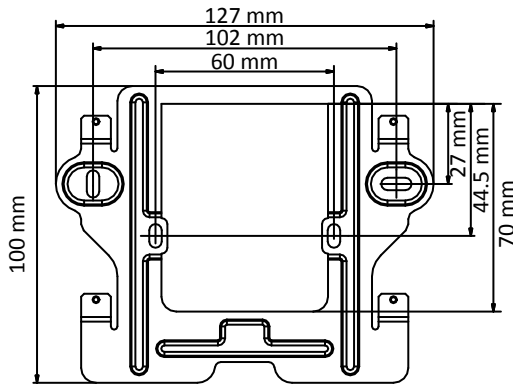


Figure 3-1 Wall Mounting Plate



The dimension of junction box should be 75 mm (width) × 75 mm (length) × 50 mm (depth).

3.1.2 Wall Mounting with Junction Box

Wall mounting installations are the same for the 6-series indoor stations and the 8-series indoor stations. Here we take the wall mounting of DS-KH6310 model as an example.

Steps:

1. Chisel a hole in the wall. The size of the hole should be 76 mm (width) × 76 mm (length) × 50 mm (depth).
2. Insert the junction box to the hole chiseled on the wall.
3. Fix the wall mounting plate to the junction box with 2 screws.

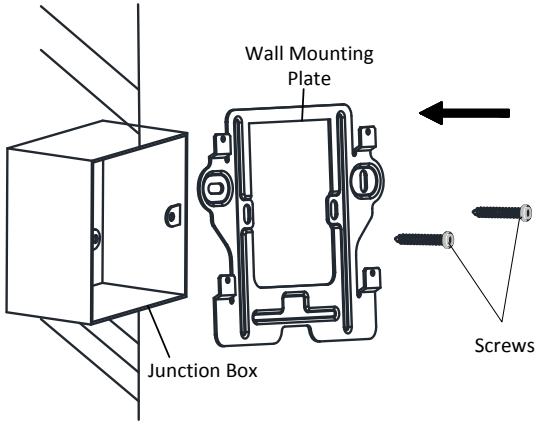


Figure 3-2 Installing the Plate

4. Hook the indoor station to the wall mounting plate tightly by inserting the plate hooks into the slots on the rear panel of the indoor station, during which the lock catch will be locked automatically.

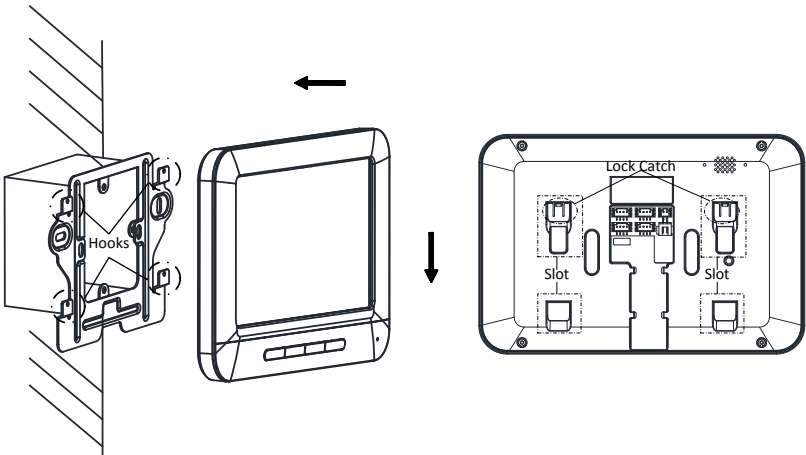


Figure 3-3 Hooking the Indoor Station to the Plate

3.2 Indoor Station Wiring

3.2.1 Wiring of DS-KH8301-WTS/ DS-KH8301-WT/DS-KH8300-T

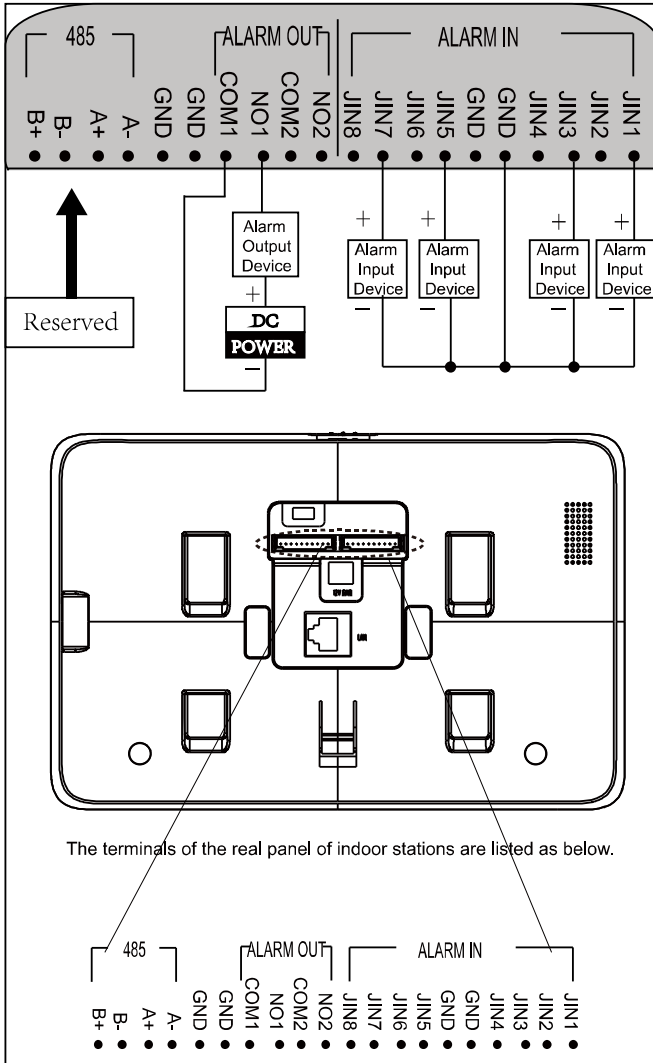


Figure 3-4 Wiring of DS-KH8301-WTS/DS-KH8301-WT/DS-KH8300-T Indoor Station

3.2.2 Wiring of DS-KH6310-W/DS-KH6310

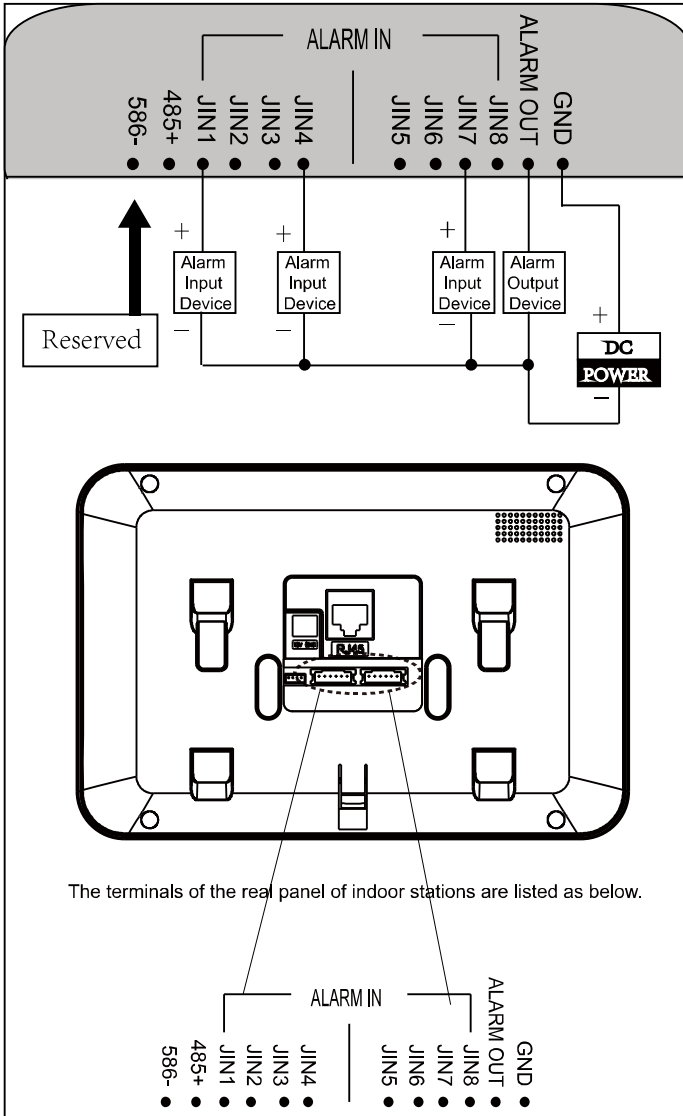


Figure 3-5 Wiring of DS-KH6310-W/DS-KH6310 Indoor Station

3.2.3 Wiring of DS-KH6310-WL/DS-KH6210-L

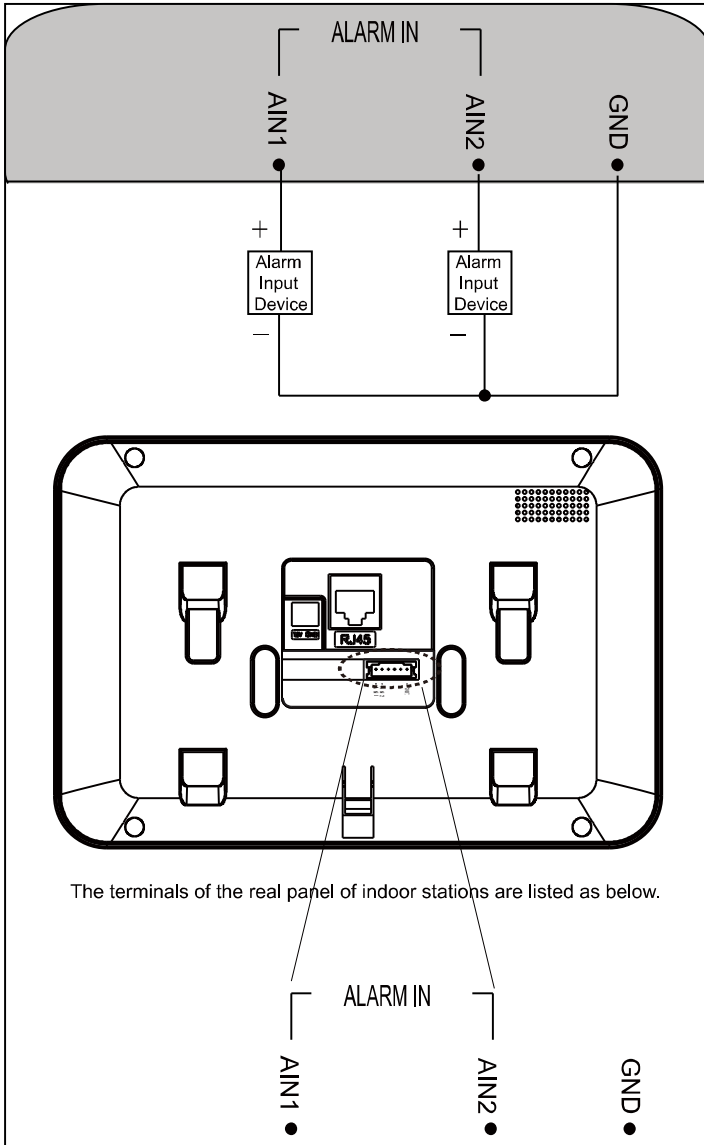


Figure 3-6 Wiring of DS-KH6310-WL/DS-KH6210-L Indoor Station



Descriptions of Indoor Station interfaces are shown in the following table.

Interface	Description
ALARM IN	Connect alarm device, with one end of the device connecting to JINx and the other end connecting to GND (x indicates number between 1~8).
ALARM OUT	Connect alarm output devices.
GND 12V	Connect to DC power supply 12V.
LAN	Network port of indoor station. Connect the indoor station to the same LAN with the door station. (Support POE)

4 Before You Start

For the first time use of the device, you are required to activate the device and set the device password. You can activate the device on the UI, via internet with Batch Configuration Tool, or with iVMS-4200 client software.



To activate the device on the UI, refer to chapter 5 and enter the configuration password.

To activate the device with Batch Configuration Tool or iVMS-4200, refer to 6.1 and the user manual in the disk.

To configure the key parameters of device on the user interface of indoor station, you are required to input the admin password.

- The default admin configuration password is **888999**.
- The default unlocking password and arming/disarming password are **123456**;
- The default duress code is **654321**.

You must change these default credentials to protect against unauthorized access to the product. Please refer to the user manual for changing passwords.

5 Local Operation



- Here the local operation of indoor stations with touch screen is taken as example.
- The DS-KH6210-L should be operated with physical keys. The **SOS** key works as a return key; the **Unlock** key works as direction keys ▲ and ◀ to turn up and left; the **Live View** key works as direction keys ▼ and ▶ to turn down and right; and the **Management Center** key works as a confirm key.

5.1 Activating Device Locally

Steps:

1. Power on the device to enter the activation interface automatically.

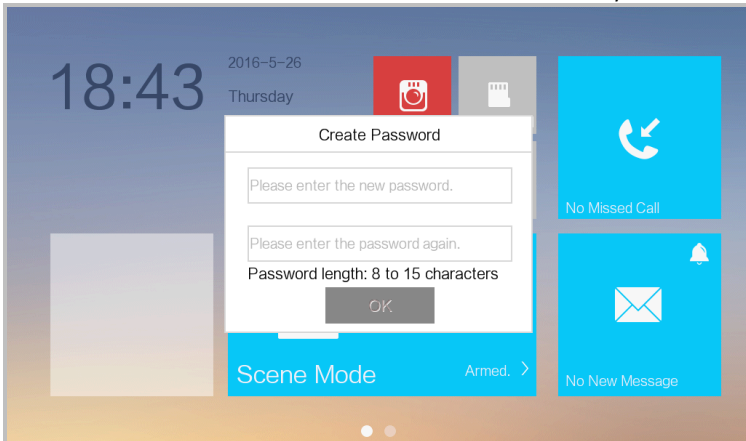


Figure 5-1 Activation Interface (DS-KH8301-WT)

2. Create a password and confirm it.
3. Press the **OK** button to activate the device.

STRONG PASSWORD RECOMMENDED— We highly recommend you to create a strong password of your own choosing (using a minimum of 8 characters, including at least three kinds of following categories: upper case letters, lower case letters, numbers, and special characters) in order to increase the security of your product. And we recommend you reset your password regularly, especially in the high security system, resetting the password monthly or weekly can better protect your product.





- You must create a password to activate the device for your first time usage and when it is not activated.
- Only when the device is activated, can you operate it locally and remotely.
- Here the activation interface of DS-KH8301-WT indoor station is taken as example.

5.2 User Interface Description

5.2.1 User Interface of Indoor Station

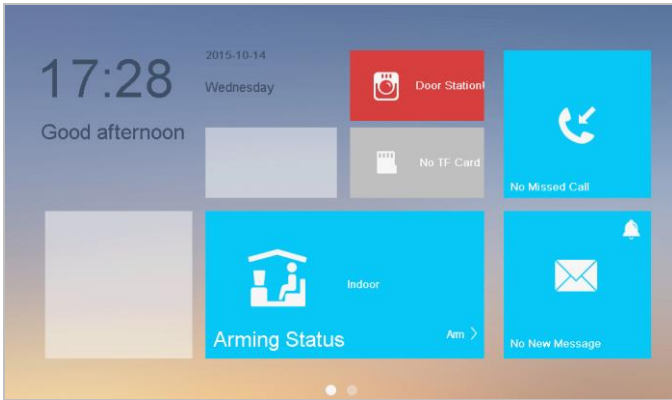


Figure 5-2 User Interface of Indoor Station (Page 1)

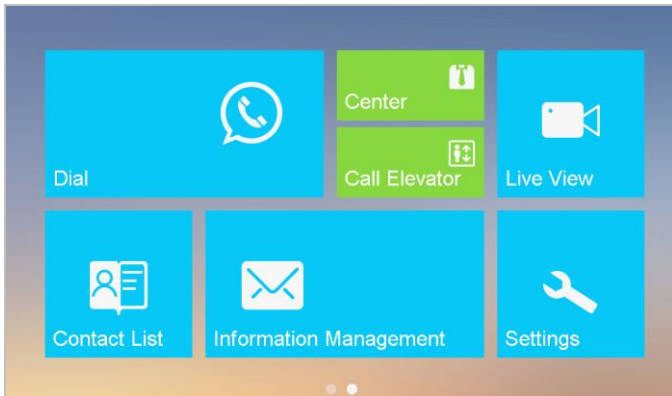


Figure 5-3 User Interface of Indoor Station (Page 2)



- Slide left and right to realize the switch between two interface pages (except for DS-KH6210-L).
- Here the user interface of DS-KH8301-WT is taken as an example.
- Only DS-KH8301-WTS/DS-KH8301-WT/DS-KH8300-T indoor stations support TF card.
- DS-KH6210-L only has one interface page.

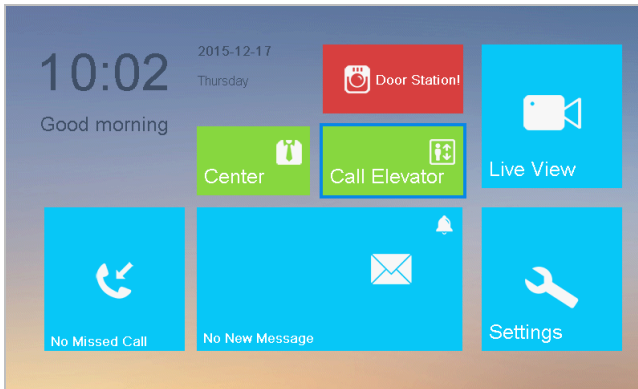


Figure 5-4 User Interface of DS-KH6210-L

5.2.2 User Interface of Indoor Extension








Figure 5-5 User Interface of Indoor Extension






- Only DS-KH8301-WTS/DS-KH8301-WT/DS-KH8300-T indoor extensions support TF card.
- Here the user interface of DS-KH8301-WT indoor extension is taken as example.

5.2.3 Status of Indoor Station







Table 5-1 Description of Status Icons


Icon	Definition	Description
	Normal Status.	The communication between indoor station, door station and master station is normal. And the communication between indoor station and indoor extension is normal.
	The indoor station is offline.	Please check the network cable or Wi-Fi connection.
	Exception occurs in the communication with door station.	Room No. conflict. Configure the Room No. again.
		Invalid Room No.. Configure the Room No..
		Invalid main door station IP address. Configure the main door station IP address.
		Network of door station is abnormal. Check the network connection of main door station.
		Communication of door station is abnormal. Check if the door station IP address is correct.
	The indoor station has not registered in the SIP server.	Invalid SIP server IP address. Set the SIP server IP address.
		Network of SIP server is not available. Check the SIP server network connection.
		SIP server communication is not available. Check if the SIP server IP address is correct.
		SIP server rejected to login the device. Check if the device No. has been registered.
	The indoor station IP address conflicts with that of other device.	Please check the IP address.

Icon	Definition	Description
	TF card is inserted in the indoor station.	Only DS-KH8301-WTS/DS-KH8301-WT/DS-KH8300-T Models support the TF card function.
	Exception occurs with the TF card.	
	No TF card is inserted in the indoor station.	

5.2.4 Status of Indoor Extension

Table 5-2 Description of Status Icons

Icon	Definition	Description
	Normal Status.	The communication between indoor station and indoor extension is normal.
	The indoor extension is offline.	Please check the network cable or Wi-Fi connection.
	The indoor extension IP address conflicts with that of other device.	Please check the IP address.
	The indoor extension has not connected to the indoor station.	Invalid indoor station IP address. Set the indoor station IP address.
		Network of indoor station is not available. Check the indoor station network connection.
		The indoor extension number conflicts with number of another indoor extension.
	TF card is inserted in the indoor station.	Only DS-KH8301-WTS/DS-KH8301-WT/DS-KH8300-T Models support the TF card function.
	Exception occurs with the TF card.	

Icon	Definition	Description
	No TF card is inserted in the station station.	

5.3 Configuration Settings

Purpose:

On the configuration settings interface, you can set and view the local information, configure the network, manage devices, synchronize the device time, and restore the default settings.

You can get to the configuration interface: **Settings > Configuration**.

5.3.1 Changing Configuration Password

The configuration password is required when you set the indoor station locally, such as the local information checking, the network settings, device connection, time settings, and default settings restoring.

Steps:

1. Press the **Settings** tab on the touch screen and press the **Edit** tab to change the password.
2. Enter the old password to change it.
3. Enter a new password and confirm it.



- The configuration password is also called admin password on the device.
- The default configuration password (admin password) is 888999.

5.3.2 Setting Local Information

Steps:

1. Get to the configuration interface: **Settings > Configuration**, and enter the admin password (configuration password).
2. Press the **Local Info** tab, and select the indoor station type: **Indoor Station**, or **Indoor Extension**.
 - Indoor Station:** Set the Room No.
 - Indoor Extension:** Set the Extension No., and set a room name.

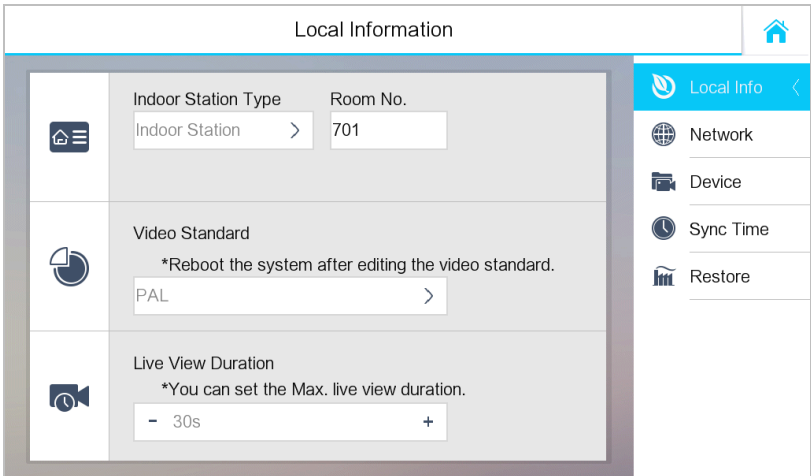


Figure 5-6 Local Information Settings (Indoor Station)

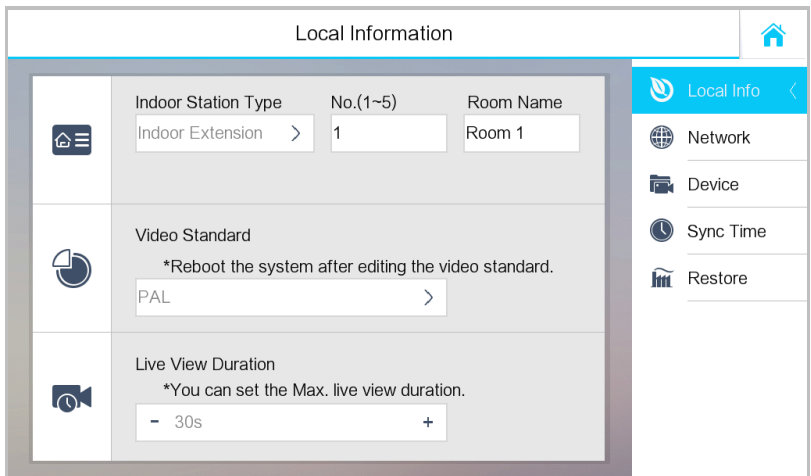


Figure 5-7 Local Information Settings (Indoor Extension)

3. Press the drop-down list to select a video standard: **PAL**, or **NTSC**.
4. Set the maximum live view duration of the device.



- The Extension No. is numeric from 1 to 5, i.e., up to 5 indoor extensions can connect to one indoor station.

- Only DS-KH8301-WT, DS-KH8301-WTS and DS-KH8501-WT require setting the video standard, and the system will reboot after selecting video standard.
- The maximum live view duration varies from 10 seconds to 60 seconds.

5.3.3 Setting Network

Purpose:

Network connection is mandatory for the use of the indoor station.

Steps:

1. Get to the configuration interface: **Settings > Configuration**, and enter the admin password (configuration password).
2. Press the **Network** tab to enter the network settings interface.

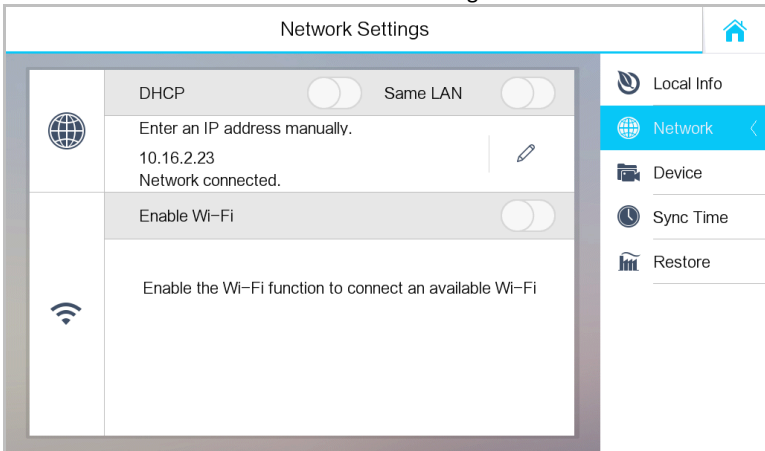



Figure 5-8 Network Interface

3. Press the  tab to pop up network settings dialogue box.

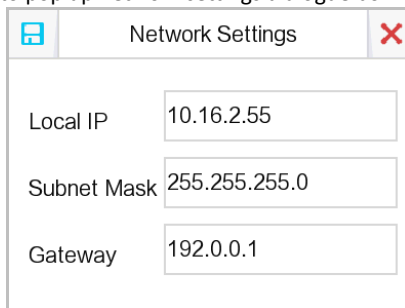



Figure 5-9 Setting Network

4. Enter a local IP address, subnet mask, and gateway.

5. Press the  tab to save the settings.



- Enable **DHCP** function to obtain an IP address automatically.
- Enable **Same LAN** function if indoor stations and indoor extensions are in the same local area network with other video intercom devices in a community, or the indoor extensions will not work normally.

5.3.4 Adding Device

Adding Device (Indoor Station)

Purpose:

The indoor station never works alone. You can connect the main door station, IP camera, SIP server, SCP (Security Control Panel), DVR/DVS/NVR, and so on. Once connected, those devices can work together as a whole video intercom system.



- The DS-KH6210-L indoor station does not support adding IP camera, DVR/DVS/NVR, or doorphone.
- Connecting the main door station and adding IP camera will be introduced in the Quick Start Guide. For further information about SIP server setting, SCP (security control panel) settings, DVR/DVS/NVR settings, and doorphone settings, please refer to the user manual in the disk.
- **Connecting Main Door Station**

Steps:

1. Get to the configuration interface: **Settings > Configuration**, and enter the admin password (configuration password).
2. Press the **Device** tab to enter the device management interface.
3. Press the **Main Door Station** tab to pop up the device information dialogue box.

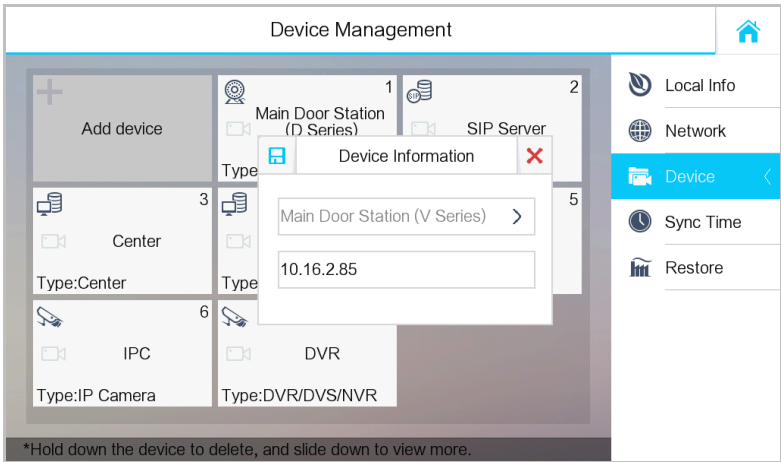



Figure 5-10 Main Door Station Adding Interface (Indoor Station)

4. Select the main door station type: D Series, or V Series.
5. Enter the IP address of the main door station, and press the  tab to save the settings.

● Adding IP Camera

Steps:

1. Get to the configuration interface: **Settings > Configuration**, and enter the admin password (configuration password).
2. Press the **Device** tab to enter the device management interface.
3. Press the **Add Device** tab.

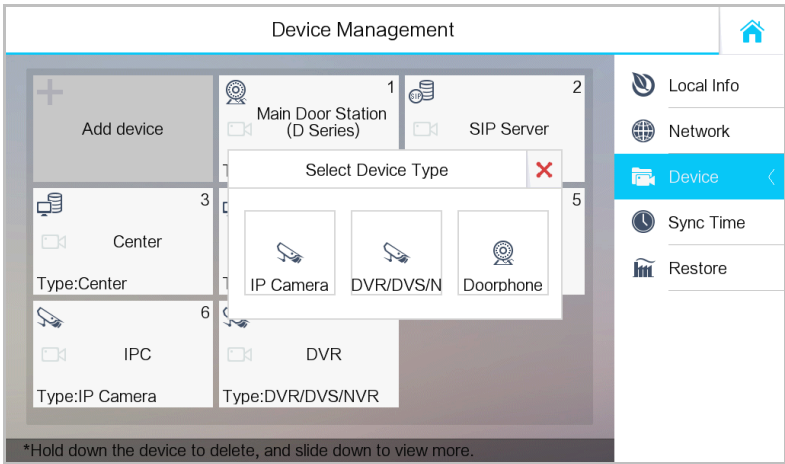


Figure 5-11 Device Selecting Interface (Indoor Station)

4. Press the **IP Camera** tab to pop up the IP camera adding dialogue box.

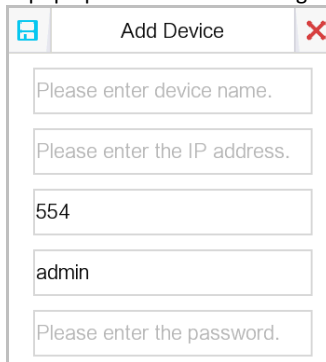



Figure 5-12 IP Camera Adding Interface

5. Enter the device name, IP address, Port No., user name, and password.

6. Press the  tab to save the settings.



- The default port No. is 554, and the default user name is admin.
- When the IP camera is added successfully, you can get the live view of IP camera on the live view interface.
- The highest resolution of the IP camera added to the indoor station is 1280 x 720 @ 30 fps, and the video compression standard of the IP camera should be H.264.

Adding Device (Indoor Extension)



Indoor extension can only connect to the indoor station.

Steps:

1. Get to the configuration interface: **Settings > Configuration**, and enter the admin password (configuration password).
2. Press the **Device** tab to enter the device management interface.
3. Press the **Indoor Station** tab to pop up the device information dialogue box.

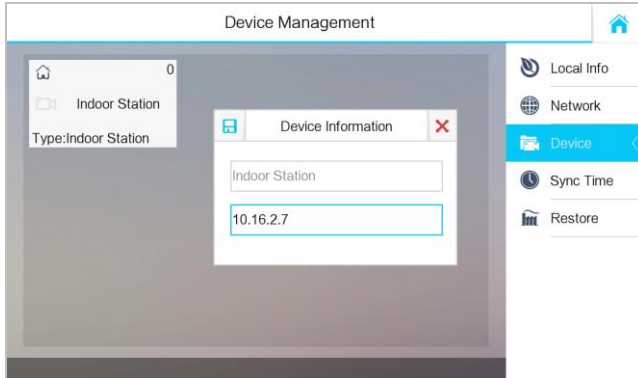






Figure 5-13 Indoor Station Adding Interface (Indoor Extension)

4. Enter the IP address of the indoor station, and press the  tab to save the settings.



5.4 Calling Resident

Steps:



1. Press the  tab on the touch screen to enter the residents calling interface.
2. Enter the corresponding resident's Room No..
3. Press the  tab to start an audiovisual call.
4. Press the  tab to stop the audiovisual call.



- Generally speaking, Room No. format should be like 1-2-3-405 as Community 1, Building 2, Unit 3, and Room 405. The community No. can be omitted.
- Switch  to  on the upper right corner to enable the camera function.
- The Room No. can be automatically saved into the contact list.

- Indoor extension does not support this function.
- On the call resident interface of DS-KH6210-L, there is no **Contact List**, **Call Elevator**, or **Call Center** tab.

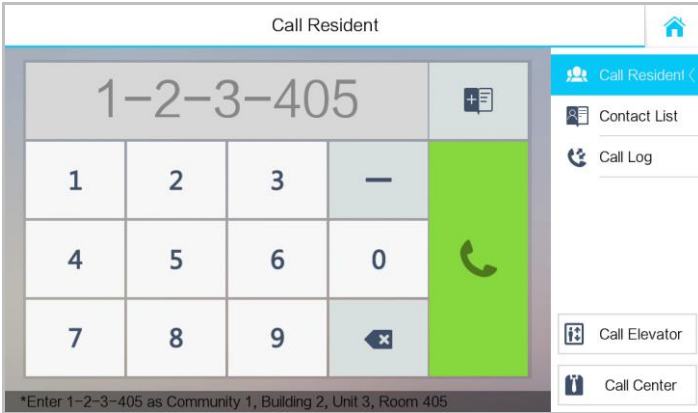


Figure 5-14 Call Resident Interface

6 Remote Operation (Batch Configuration Tool)

6.1 Activating Device Remotely

Purpose:

You are required to activate the device first by setting a strong password for it before you can use the device.

Activation via Batch Configuration Tool, and Activation via iVMS-4200 are supported. Here take activation via Batch Configuration Tool as example to introduce the device activation. Please refer to the user manual for the activation via iVMS-4200.

Steps:

1. Run the Batch Configuration Tool.

Index	Device Type	IP Address	Port	Software Version	Serial No.	Security Status	Added
1	XX-XXXX-XX	10.16.2.77	8000	Vx.x.x build xxxxxx	XX-XXXXXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXX	Activated	Yes
2	XX-XXXX-XX	10.16.2.103	8000	Vx.x.x build xxxxxx	XX-XXXXXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXX	Activated	No
3	XX-XXXX-XX	10.16.2.114	8000	Vx.x.x build xxxxxx	XX-XXXXXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXX	Activated	No
4	XX-XXXX-XX	10.16.2.222	8000	Vx.x.x build xxxxxx	XX-XXXXXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXX	Activated	No
5	XX-XXXX-XX	192.0.0.64	8000	Vx.x.x build xxxxxx	XX-XXXXXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXX	Inactive	No

Figure 6-1 Selecting Inactive Device

2. Select an inactivated device and click the **Activate** button.

Activate

Password:

Valid password range [8-16].
You can use a combination
of numbers, lowercase,
uppercase and special
character for your password
with at least two kinds of
them contained.

Confirm password:

OK Cancel

Figure 6-2 Creating Activation Password

3. Create a password, and confirm the password.

STRONG PASSWORD RECOMMENDED– *We highly recommend you create a strong password of your own choosing (Using a minimum of 8 characters, including at least three of the following categories: upper case letters, lower case letters, numbers, and special characters.) in order to increase the security of your product. And we recommend you reset your password regularly, especially in the high security system, resetting the password monthly or weekly can better protect your product.*



4. Click the **OK** button to activate the device.



- When the device is not activated, the basic operation and remote operation of device cannot be performed.
- You can hold the **Ctrl** or **Shift** key to select multiple devices in the online devices, and click the **Activate** button to activate devices in batch.

6.2 Editing Network Parameters

Purpose:

To operate and configure the device via LAN (Local Area Network), you need connect the device in the same subnet with your PC. You can edit network parameters via batch configuration tool, and iVMS-4200 software. Here take editing network parameters via batch configuration tool as example.

Steps:

1. Select an online activated device and click the **Edit NET Parameters** button.

Online Devices: 6								
🔍 🔧 Edit NET Parameters 🔄 🗑️ 🔒 🔓 👤 🗨️								
Index	Device Type	IP Address	Port	Software Version	Serial No.	Security Status	Added	
1	XX-XXXX-XX	192.0.0.64	8000	Vx.x.x build xxxxxx	XX-XXXX-XXXXXXXXXXXXXXXXXXXX...	Activated	No	
2	XX-XXXX-XX	10.16.6.155	8000	Vx.x.x build xxxxxx	XX-XXXX-XXXXXXXXXXXXXXXXXXXX...	Activated	No	
3	XX-XXXX-XX	10.16.6.179	8000	Vx.x.x build xxxxxx	XX-XXXX-XXXXXXXXXXXXXXXXXXXX...	Activated	No	
4	XX-XXXX-XX	10.16.6.126	8000	Vx.x.x build xxxxxx	XX-XXXX-XXXXXXXXXXXXXXXXXXXX...	Activated	No	
5	XX-XXXX-XX	10.16.6.151	8000	Vx.x.x build xxxxxx	XX-XXXX-XXXXXXXXXXXXXXXXXXXX...	Activated	No	
6	XX-XXXX-XX	10.16.6.222	8000	Vx.x.x build xxxxxx	XX-XXXX-XXXXXXXXXXXXXXXXXXXX...	Activated	No	

Figure 6-3 Clicking Edit NET Parameters Button

2. Change the device IP address and gateway address to the same subnet with your computer.
3. Enter the password and click the OK button to activate the network parameters modification.

Figure 6-4 Editing Network Parameters



- The default port No. is 8000.
- After editing the network parameters of device, you should add the devices to the device list again.

6.3 Adding Device

For batch configuration tool and iVMS-4200 software, you should add device to the software so as to configure the device remotely.

4 ways for adding the device are supported: adding active online devices within your subnet, adding device by IP address, adding device by IP segment, and adding device by port No. range. Here take adding online device and adding device by IP address via batch configuration tool as example.


6.3.1 Adding Online Device

Steps:

1. Select an active online device or hold the **Ctrl** or **Shift** key to select multiple devices in the online devices list.

Index	Device Type	IP Address	Port	Software Version	Serial No.	Security Status	Added
1	XX-XXXX-XX	10.16.2.77	8000	Vx.x.x build xxxxxx	XX-XXXX-XXXXXXXXXXXXXXXXXXXXXXXXXX	Activated	Yes
2	XX-XXXX-XX	10.16.2.114	8000	Vx.x.x build xxxxxx	XX-XXXX-XXXXXXXXXXXXXXXXXXXXXXXXXX	Activated	No
3	XX-XXXX-XX	10.16.2.103	8000	Vx.x.x build xxxxxx	XX-XXXX-XXXXXXXXXXXXXXXXXXXXXXXXXX	Activated	No
4	XX-XXXX-XX	10.16.2.85	8000	Vx.x.x build xxxxxx	XX-XXXX-XXXXXXXXXXXXXXXXXXXXXXXXXX	Activated	No
5	XX-XXXX-XX	10.16.2.222	8000	Vx.x.x build xxxxxx	XX-XXXX-XXXXXXXXXXXXXXXXXXXXXXXXXX	Activated	No

Figure 6-5 Online Devices Interface

- Click the  button to pop up the login dialog box.

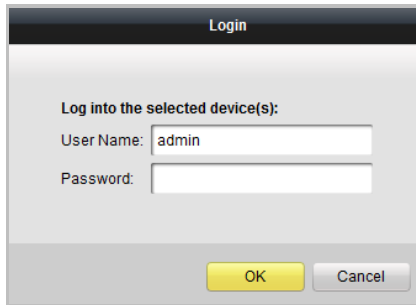


Figure 6-6 Login Dialog Box

- Enter the user name and password.
- Click the **OK** button to save the settings.




- Only devices successfully logged in will be added to the device list for configuration.
- If you add devices in batch, please make sure selected devices have the same user name and password.

6.3.2 Adding by IP Address

Purpose:

You can add the device by entering IP address.

Steps:

- Click the  button to pop up the adding devices dialog box.

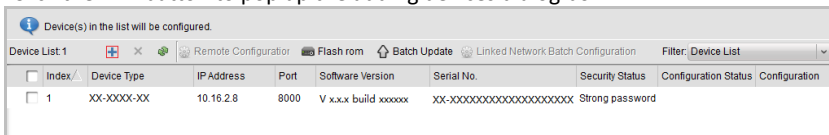
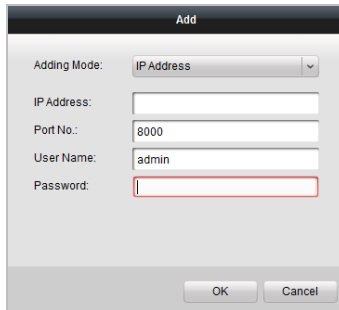


Figure 6-7 Adding Button

- Select IP Address in the adding mode drop-down list.
- Enter the IP address, and set the port No., user name and password of the device.



The screenshot shows a dialog box titled "Add" with the following fields and values:

- Adding Mode: IP Address (dropdown menu)
- IP Address: (empty text box)
- Port No.: 8000 (text box)
- User Name: admin (text box)
- Password: (empty text box)

Buttons: OK, Cancel

Figure 6-8 Adding by IP Address

4. Click the **OK** button to add the device to the device list.



- You cannot add the device(s) to the device list if the user name and password are not identical.
- When you add devices by IP Address, IP Segment or Port No., the devices should be online devices.

Appendix

Installation Notice

While installing the indoor station, please make sure that the distance between any two devices is far as possible to avoid the howling and echo. The distance between two devices is recommended to be more than 10 meters.



Here the devices refer to indoor station, outdoor station and master station.

Wiring Cables

Cable	Specification
Power Cord of Door Station	RVV 2*1.0
Network Cable of Door Station	UTP-five Categories
Door Lock Wiring (With Door Magnetic)	RVV 4*1.0
Door Lock Wiring (Without Door Magnetic)	RVV 2*1.0
Exit Button Wiring	RVV 2*0.5
External Card Reader Wiring	RVVP 4*0.75



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