



**HIKVISION**

# Video Intercom Indoor Station

Quick Start Guide

UD.6L0206B1164A01

**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-W(L)
	DS-KH6210(L)
Indoor Station (8-Series)	DS-KH8301-WT
	DS-KH8300-T
	DS-KH8501-WT
	DS-KH8500-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.

## 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](http://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](http://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.

	
<b>Warnings</b> Follow these safeguards to prevent serious injury or death.	<b>Cautions</b> 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 electromagnetic 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.

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.

# Table of Contents

<b>1 Appearance</b> .....	<b>1</b>
1.1 Appearance of DS-KH8501-WT/DS-KH8500-T.....	1
1.2 Appearance of DS-KH8301-WT/DS-KH8300-T.....	2
1.3 Appearance of DS-KH6310-W/DS-KH6310 .....	4
1.4 Appearance of DS-KH6310-W(L)/DS-KH6210(L) .....	5
<b>2 Terminals and Interfaces</b> .....	<b>8</b>
2.1 Terminals and Interfaces of DS-KH8501-WT/ DS-KH8500-T.....	8
2.2 Terminals and Interfaces of DS-KH8301-WT/ DS-KH8300-T.....	10
2.3 Terminals and Interfaces of DS-KH6310-W/ DS-KH6310.....	11
2.4 Terminals and Interfaces of DS-KH6310-W(L)/ DS-KH6210(L).....	13
<b>3 Installation and Wiring</b> .....	<b>14</b>
3.1 Indoor Station Installation .....	14
3.1.1 Installation Plate .....	14
3.1.2 Wall Mounting with Gang Box of Indoor Station.....	14
3.2 Indoor Station Wiring .....	17
3.2.1 Wiring of DS-KH8501-WT/DS-KH8500-T/DS-KH8301-WT/ DS-KH8300-T .....	17
3.2.2 Wiring of DS-KH6310-W/DS-KH6310 .....	20
3.2.3 Wiring of DS-KH6310-W(L)/DS-KH6210(L) .....	21
<b>4 Before You Start</b> .....	<b>22</b>
<b>5 Local Operation</b> .....	<b>23</b>
5.1 Activating Device Locally .....	23
5.2 User Interface Description .....	24
5.2.1 User Interface of Indoor Station .....	24
5.2.2 User Interface of Indoor Extension.....	25
5.2.3 Status of Indoor Station .....	26
5.2.4 Status of Indoor Extension .....	27
5.3 Configuration Settings .....	28
5.3.1 Changing Configuration Password.....	28
5.3.2 Setting Local Information .....	28
5.3.3 Setting Network .....	29
5.3.4 Adding Device .....	30
5.4 Calling Resident .....	33
<b>6 Remote Operation (Batch Configuration Tool)</b> .....	<b>35</b>
6.1 Activating Device Remotely .....	35
6.2 Editing Network Parameters .....	36
6.3 Adding Device .....	37
6.3.1 Adding Online Device .....	37

6.3.2 Adding by IP Address .....	39
<b>Appendix .....</b>	<b>41</b>
Installation Notice .....	41
Wiring Cables .....	41



Table 1-1 Description

No.	Description
1	Built-in Camera (Only DS-KH8501-WT supports)
2	Power Supply Indicator
3	Information Indicator
4	Alarm Indicator
5	SOS Touch Key
6	Remote Unlock Touch Key
7	Live View Touch Key
8	Management Center Touch Key
9	Microphone



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).

## 1.2 Appearance of DS-KH8301-WT/DS-KH8300-T

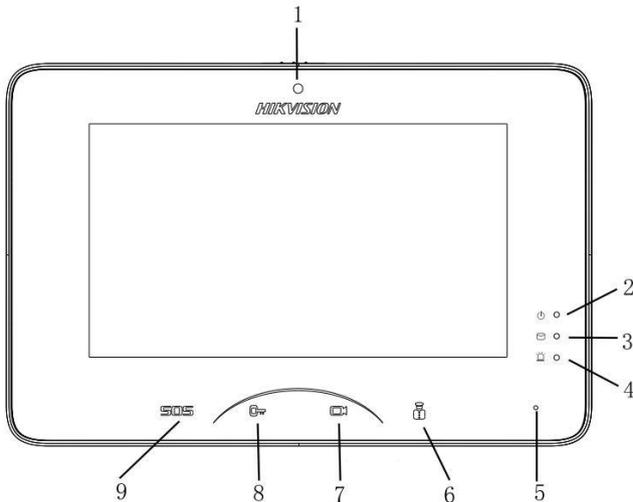


Figure 1-3 Front Panel

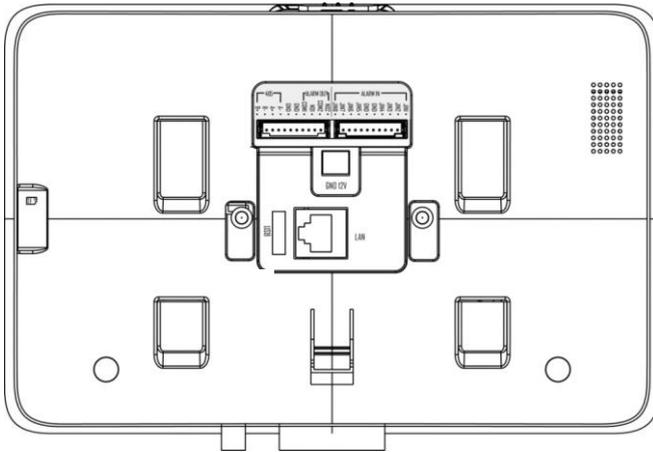


Figure 1-4 Rear Panel

Table 1-2 Descriptions

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



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).

### 1.3 Appearance of DS-KH6310-W/DS-KH6310

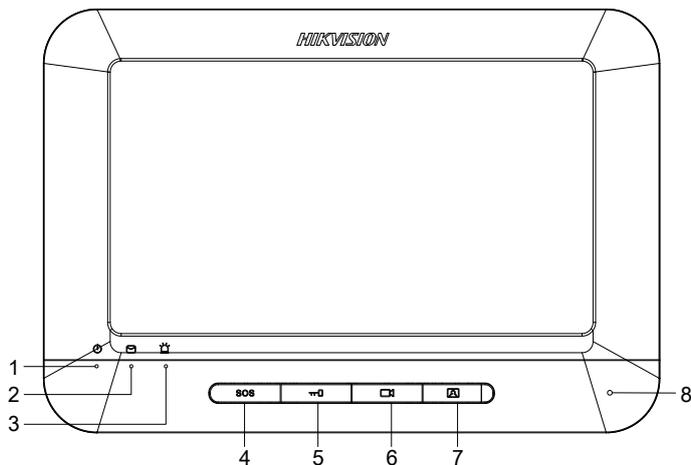


Figure 1-5 Front Panel

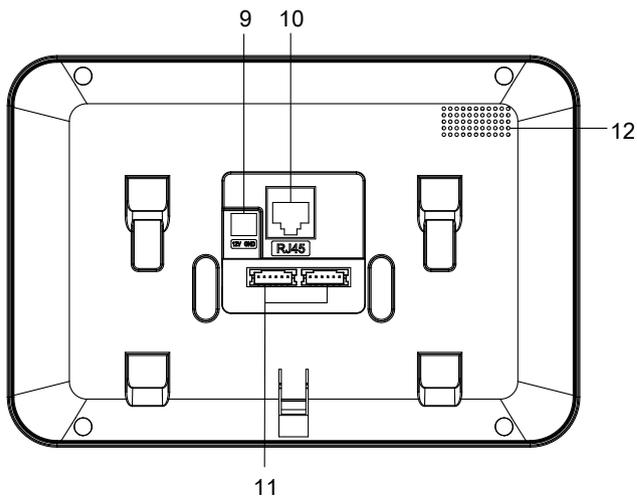


Figure 1-6 Rear Panel

Table 1-3 Descriptions

No.	Description
1	Power Supply Indicator

No.	Description
2	Information Indicator
3	Alarm Indicator
4	SOS Key
5	Unlock Key
6	Live View Key
7	Management Center Key
8	Microphone
9	DC 12V Power Supply
10	Network Interface
11	Terminals and Interfaces of Cables
12	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).

## 1.4 Appearance of DS-KH6310-W(L)/DS-KH6210(L)

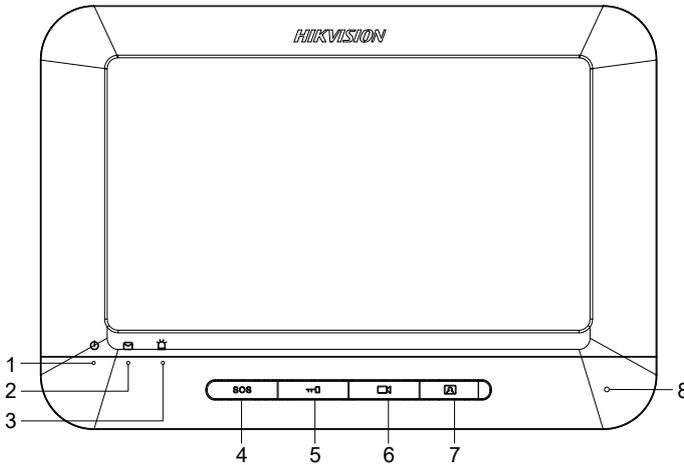


Figure 1-7 Front Panel

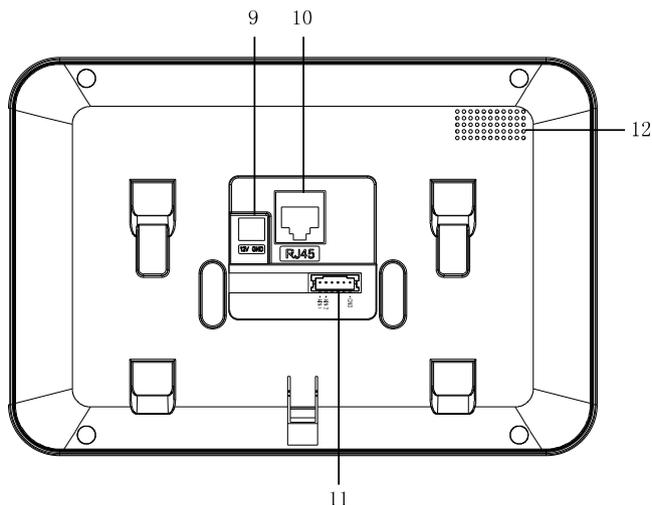


Figure 1-8 Rear Panel of DS-KH6310-W(L)/DS-KH6210(L)

Table 1-4 Descriptions of DS-KH6310-W(L)

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	Microphone
9	DC 12V Power Supply
10	Network Interface
11	Terminals and Interfaces of Cables
12	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).

Table 1-5 Descriptions of DS-KH6210(L)

No.	Description	
1	Power Supply Indicator	
2	Information Indicator	
3	Alarm Indicator	
4	SOS Key (hold down)	Return Key (press)
5	Unlock Key (hold down)	Direction Keys ▲ and ◀ (press)
6	Live View Key (hold down)	Direction Keys ▼ and ▶ (press)
7	Management Center Key (hold down)	Confirm Key (press)
8	Microphone	
9	DC 12V Power Supply	
10	Network Interface	
11	Terminals and Interfaces of Cables	
12	Loudspeaker	

## 2 Terminals and Interfaces

### 2.1 Terminals and Interfaces of DS-KH8501-WT/ DS-KH8500-T

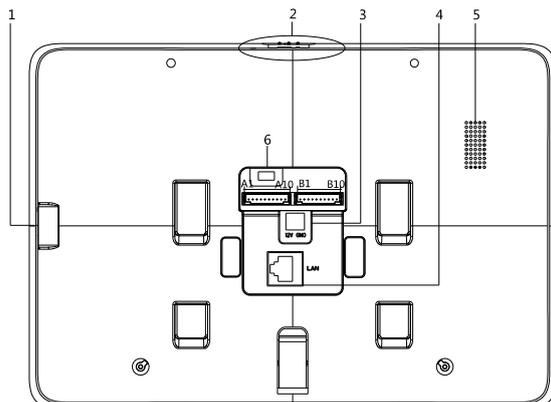


Figure 2-1 Real Panel of DS-KH8501-WT/DS-KH8500-T

Table 2-1 Descriptions of Terminals and Interfaces

Name	No.	Interface	Description
TF Card Slot	1		TF Card Slot
Mechanical Switch	2		Mechanical Switch of Built-in Camera
Power Supply	3	+12V	DC 12V Power Supply + Input
		GND	DC 12V GND – Input
Network Interface	4	LAN	Network Interface (Support Private POE)
Loudspeaker	5		Loudspeaker
Serial Port	6		Serial Port
485 Communication Port	A1	RS485B+	Reserved
	A2	RS485B-	
	A3	RS485A+	

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Name	No.	Interface	Description
	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
	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



Name	No.	Interface	Description
(Alarm Output)	A8	NO1	Alarm Relay Output Terminal 2 (Dry Contact)
	A9	COM2	
	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
	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

## 2.3 Terminals and Interfaces of DS-KH6310-W/ DS-KH6310

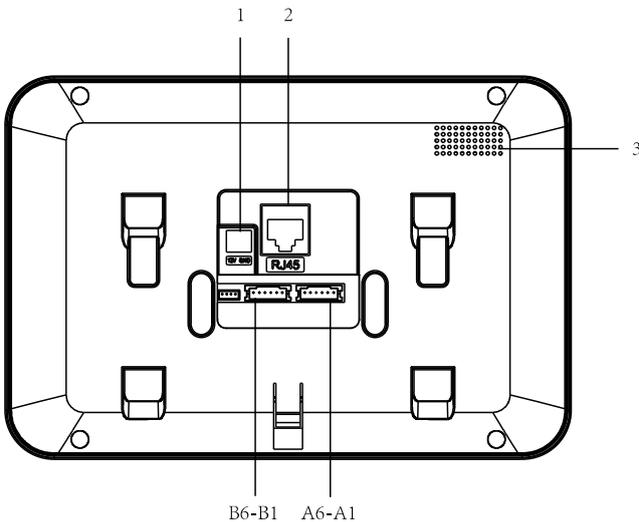


Figure 2-3 Rear Panel of DS-KH6310-W/DS-KH6310

Table 2-3 Descriptions of Terminals and Interfaces

Name	No.	Interface	Description
Power Supply	1	+12V	DC 12V Power Supply + Input
		GND	DC 12V GND – Input
Network Interface	2	LAN	Network Interface (Support Private POE)
Loudspeaker	3		Loudspeaker
Ports and Interfaces	A1	GND	Grounding
	A2	AOUT	Alarm Relay Output
	A3	AIN8	Zone Detector Input Terminal 8
	A4	AIN7	Zone Detector Input Terminal 7
	A5	AIN6	Zone Detector Input Terminal 6
	A6	AIN5	Zone Detector Input Terminal 5
	B1	AIN4	Zone Detector Input Terminal 4
	B2	AIN3	Zone Detector Input Terminal 3
	B3	AIN2	Zone Detector Input Terminal 2
	B4	AIN1	Zone Detector Input Terminal 1
	B5	RS485+	Reserved
	B6	RS485-	

## 2.4 Terminals and Interfaces of DS-KH6310-W(L)/DS-KH6210(L)

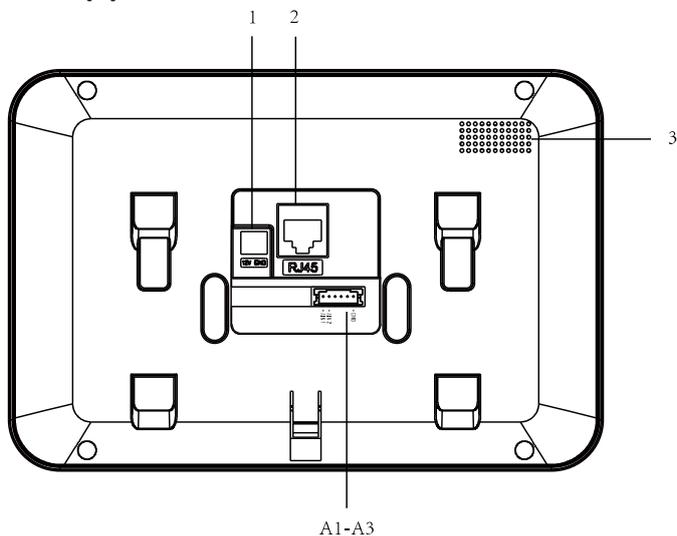


Figure 2-4 Rear Panel of DS-KH6310-W(L)/DS-KH6210(L)

Table 2-4 Descriptions of Terminals and Interfaces

Name	No.	Interface	Description
Power Supply	1	+12V	DC 12V Power Supply + Input
		GND	DC 12V GND - Input
Network Interface	2	LAN	Network Interface (Support Private POE)
Loudspeaker	3		Loudspeaker
Ports and Interfaces	A1	AIN1	Zone Detector Input Terminal 1
	A2	AIN2	Zone Detector Input Terminal 2
	A3	GND	Grounding

## 3 Installation and Wiring

### 3.1 Indoor Station Installation

To install the indoor station onto the wall, an installation plate and a gang box are required. The gang box of 8-series and 6-series indoor stations is the same.

#### 3.1.1 Installation Plate

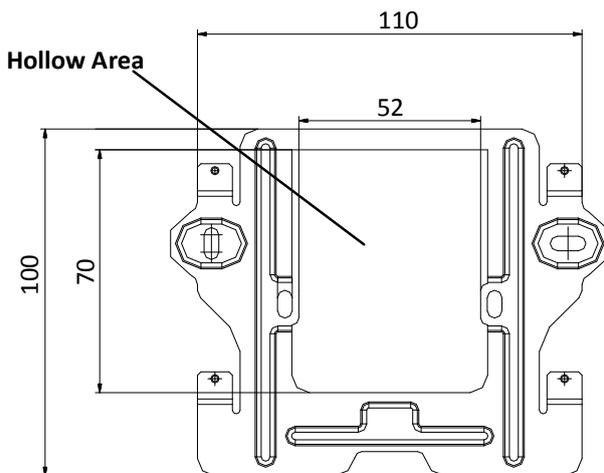


Figure 3-1 Dimensions of Installation Plate



- The dimension of gang box of indoor station is: 75 (width) × 75 (length) × 50 (depth) mm.
- The dimensions above are theoretical. The actual size can be slightly larger than the theoretical dimension.

#### 3.1.2 Wall Mounting with Gang Box of Indoor Station

The steps of wall mounting with gang box of indoor stations are the same. Here we take the steps of wall mounting of DS-KH6310 model as an example.

##### **Steps:**

1. Take the gang box, installation plate and screws from the packing box.

2. Chisel a hole in the wall for inserting the gang box. The size of the hole should be 76 (width) × 76 (length) × 50 (depth) mm.
3. Insert the gang box into the hole.

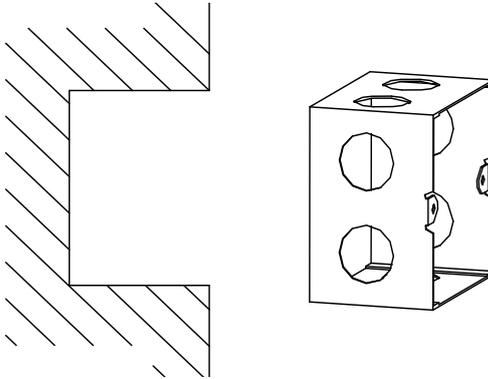


Figure 3-2 Insert the Gang Box

4. Attach the installation plate to the gang box and align the screw holes of the installation plate with the screw holes of the gang box.
5. Insert 2 PA4 screws into the screw holes to fix the installation plate onto the gang box.

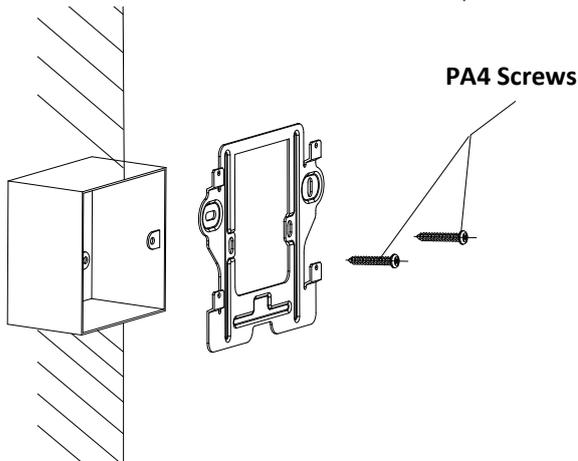


Figure 3-3 Attach the Installation Plate

6. After installing the installation plate, install the indoor station onto the installation plate according to the direction of the arrow, as shown in the figure below.

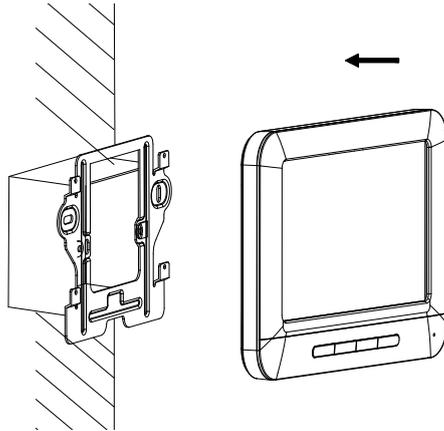


Figure 3-4 Install the Indoor Station

7. Pull the device downwards to hook the indoor station with the installation plate after inserting the indoor station into the gang box.
8. Secure the door station by locking the lock catch on the rear panel of indoor station onto the lock hole of the installation plate, as shown in the figure below.

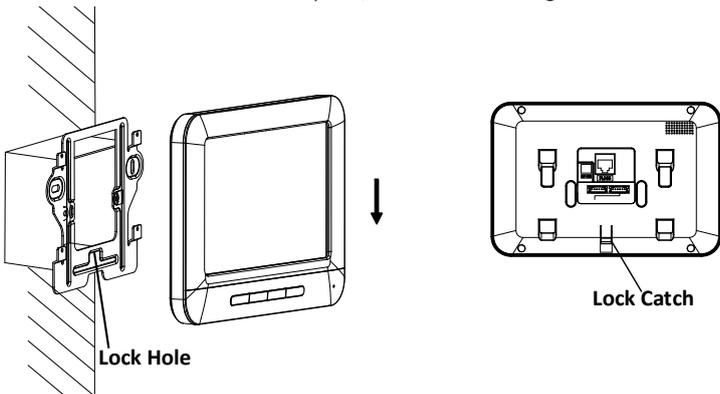


Figure 3-5 Secure the Indoor Station

## 3.2 Indoor Station Wiring

### 3.2.1 Wiring of DS-KH8501-WT/DS-KH8500-T/DS-KH8301-WT/DS-KH8300-T

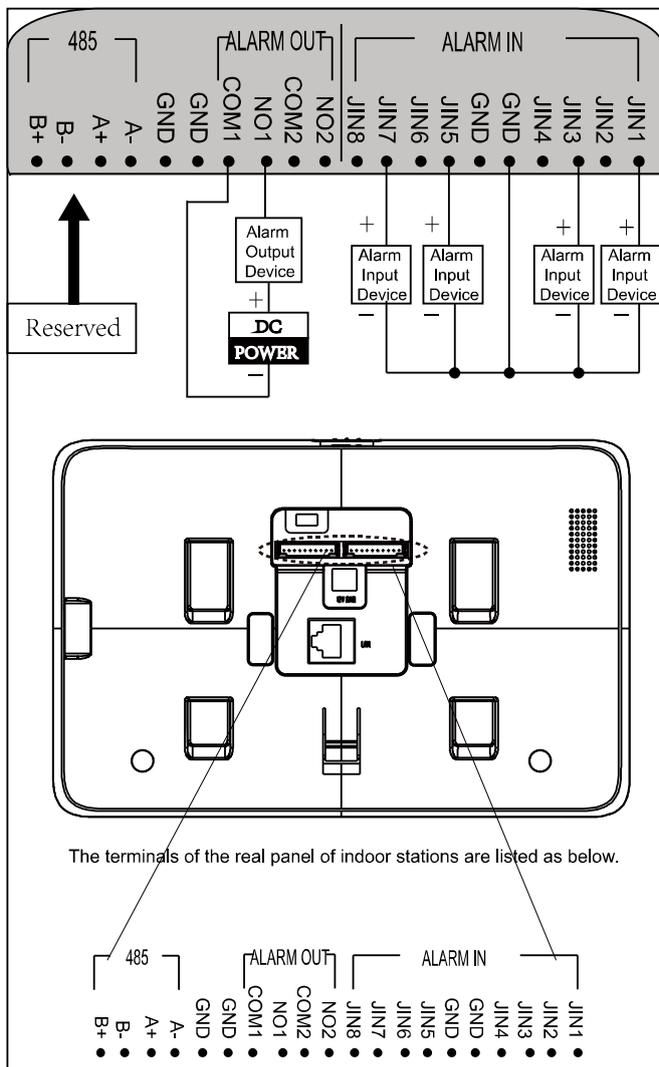


Figure 3-6 Wiring of DS-KH8301-WT/DS-KH8300-T Indoor Station

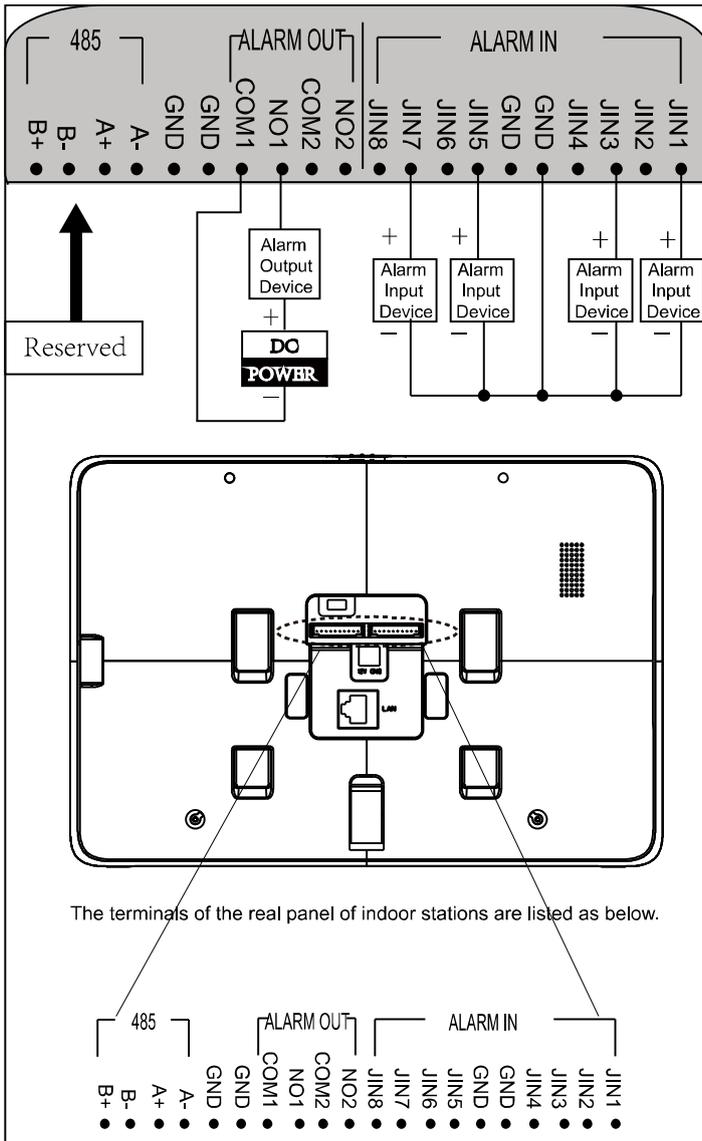


Figure 3-7 Wiring of DS-KH8501-WT/DS-KH8500-T Indoor Station

Table 3-1 Description of Indoor Station Interfaces

<b>Interface</b>	<b>Description</b>
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)

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

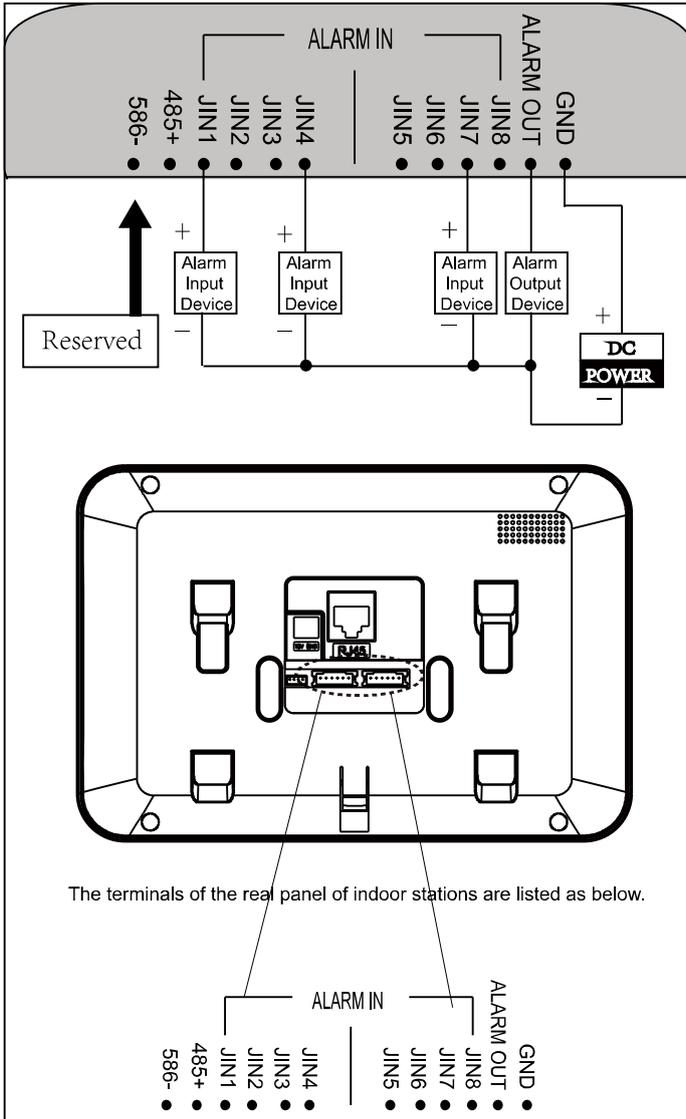


Figure 3-8 Wiring of DS-KH6310-W/DS-KH6310 Indoor Station

### 3.2.3 Wiring of DS-KH6310-W(L)/DS-KH6210(L)

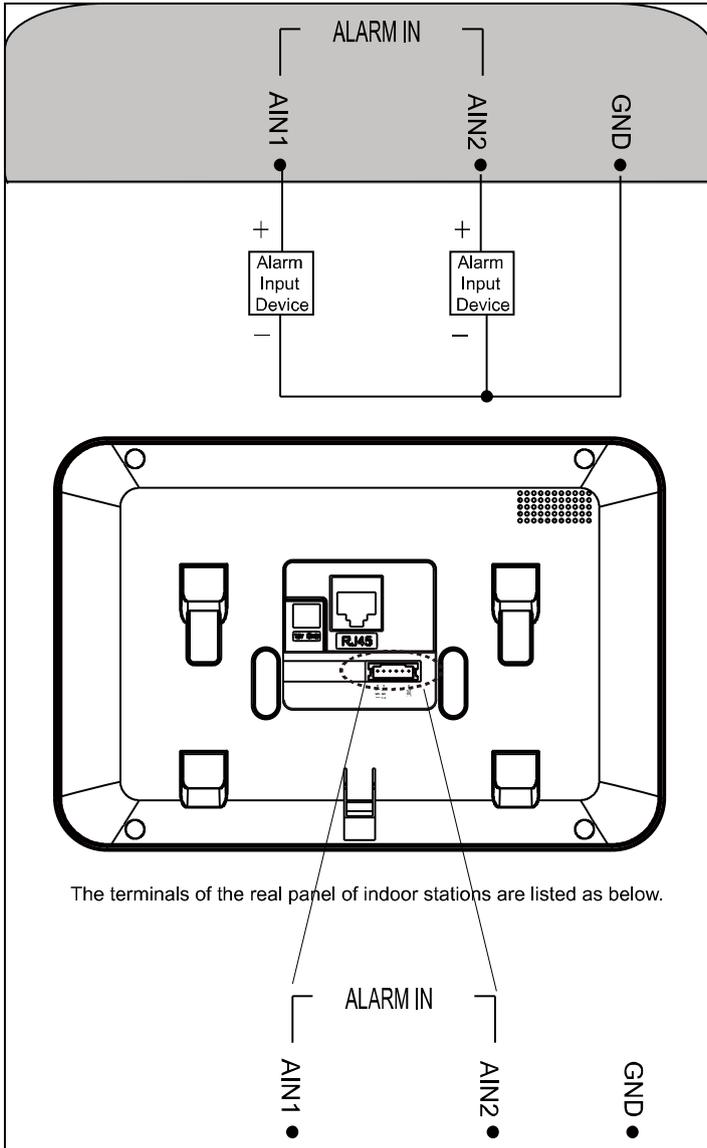


Figure 3-9 Wiring of DS-KH6310-W(L)/DS-KH6210(L) Indoor Station

## 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-KH6201(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 indoor station to enter the activation interface.

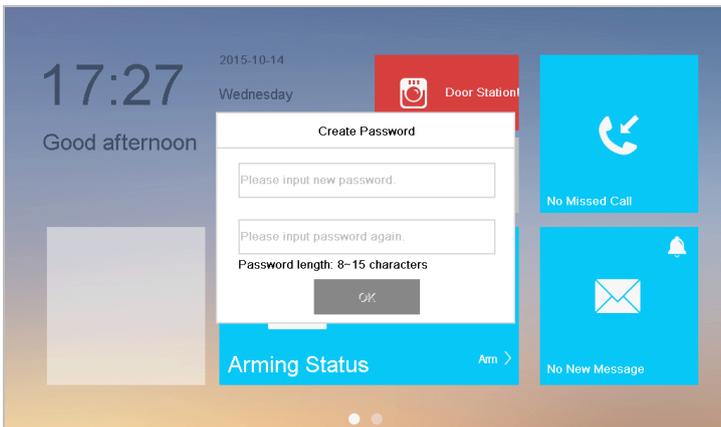


Figure 5-1 Activation Interface (DS-KH8501-WT)

2. Create a password and confirm it.
3. Press the **OK** tab 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 indoor station for your first time usage and when it is not activated.
- Only after activating the indoor station, you can operation it locally and remotely.
- Here the activation interface of DS-KH8501-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)

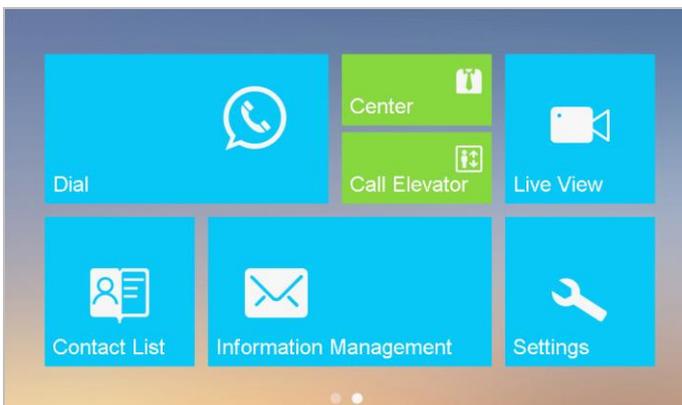


Figure 5-3 User Interface of Indoor Station (Page 2)



- Slide left and right to realize the switch between two interface pages (except for DS-KH6210(L)).
- Here the user interface of DS-KH8501-WT is taken as an example.
- Only DS-KH8501-WT/DS-KH8500-T/DS-KH8301-WT/DS-KH8300-T indoor stations support TF card.
- DS-KH6210(L) only has one interface page.

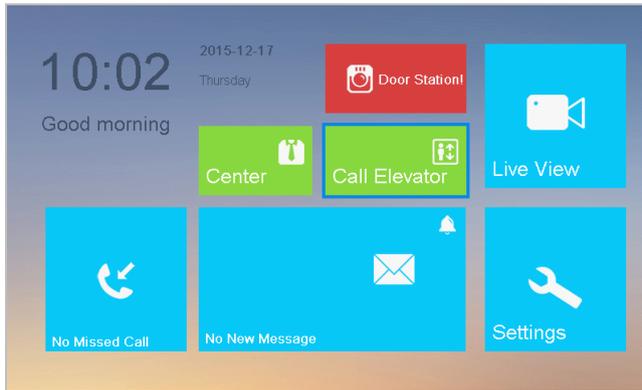


Figure 5-4 User Interface of DS-KH6210(L)

## 5.2.2 User Interface of Indoor Extension



Figure 5-5 User Interface of Indoor Extension



- Only DS-KH8501-WT/DS-KH8500-T/ 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.
	The indoor station has not registered in the SIP server.	Communication of door station is abnormal. Check if the door station IP address is correct.
		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.
	The indoor station IP address conflicts with that of other device.	SIP server rejected to login the device. Check if the device No. has been registered.
		Please check the IP address.

Icon	Definition	Description
	TF card is inserted in the indoor station.	Only DS-KH8501-WT/DS-KH8500-T/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-KH8501-WT/DS-KH8500-T/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 indoor 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.

### 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 restore.

#### **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.

**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.*



### 5.3.2 Setting Local Information

#### **Steps:**

1. Press the **Settings** tab on the touch screen.
2. Press the **Configuration** tab and enter the admin password (configuration password).
3. Press the **Local Info** tab to enter the local information settings interface.
4. 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.

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



- The Extension No. is numeric from 1 to 5, i.e., at most 5 indoor extensions can connect to one indoor station.
- Only DS-KH8301-WT 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.

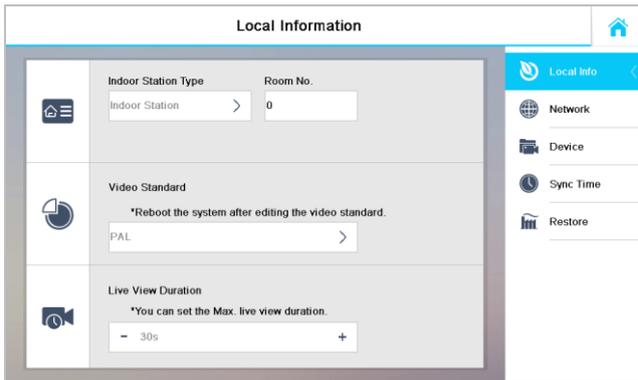


Figure 5-6 Local Information Settings (Indoor Station)

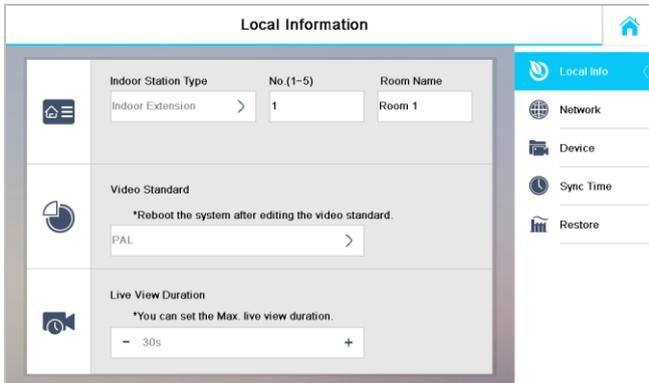


Figure 5-7 Local Information Settings (Indoor Extension)

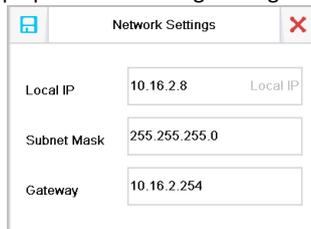
### 5.3.3 Setting Network

**Purpose:**

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

### Steps:

1. Press the **Settings** tab on the touch screen.
2. Press the **Configuration** tab and enter the admin password (configuration password).
3. Press the **Network** tab to enter the network settings interface.
4. Press the  tab to pop up network settings dialogue box.



Network Settings	
Local IP	10.16.2.8
Subnet Mask	255.255.255.0
Gateway	10.16.2.254

Figure 5-8 Setting Network

5. Enter a local IP address, subnet mask, and gateway.
6. Press the  tab to save the settings.



- Enable **DHCP** function to obtain an IP address automatically.
- Please enable **Same LAN** function if the 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-KH6201(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. Press the **Settings** tab on the touch screen.
2. Press the **Configuration** tab and enter the admin password (configuration password).
3. Press the **Device** tab to enter the device management interface.
4. Press the **Main Door Station** tab to pop up the device information dialogue box.

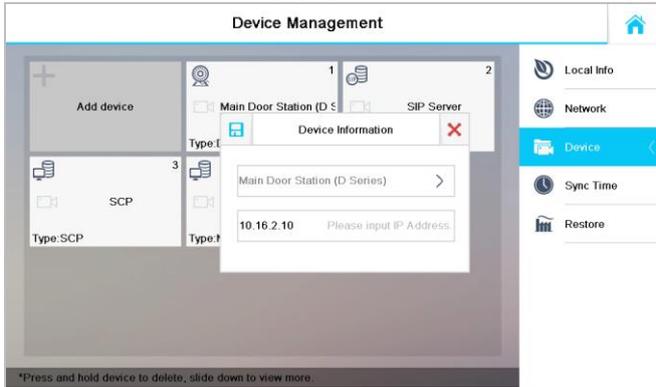


Figure 5-9 Main Door Station Adding Interface (Indoor Station)

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

● **Adding IP Camera**

**Steps:**

1. Press the **Settings** tab on the touch screen.
2. Press the **Configuration** tab and enter the admin password (configuration password).
3. Press the **Device** tab to enter the device management interface.
4. Press the **Add Device** tab.



Figure 5-10 Device Selecting Interface (Indoor Station)

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



Figure 5-11 IP Camera Adding Interface

6. Enter the device name, IP address, Port No., user name, and password.
7. Press the **Save** tab to save the settings.



- The default port No. is 554, and the default user name is admin.
- When the IP camera added successfully, you can get the live view of main door station on the live view interface.

### Adding Device (Indoor Extension)



Indoor extension can only connect to the indoor station.

#### **Steps:**

1. Press the **Settings** tab on the touch screen.
2. Press the **Configuration** tab and enter the admin password (configuration password).
3. Press the **Device** tab to enter the device management interface.
4. Press the **Indoor Station** tab to pop up the device information dialogue box.

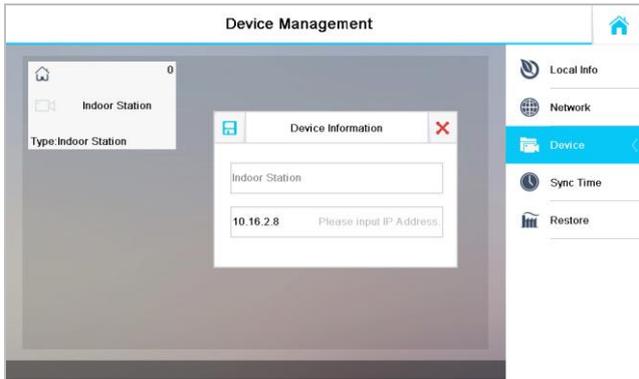


Figure 5-12 Indoor Station Adding Interface (Indoor Extension)

5. 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 a video intercom call.
4. Press the  tab to stop the video intercom call.



- Generally speaking, Room No. format should be like 1-2-3-405 as Project 1, Community 2, Building 3, and Room 405. The project 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-KH6201(L), there is no **Contact List**, **Call Elevator**, or **Call Center** tab.

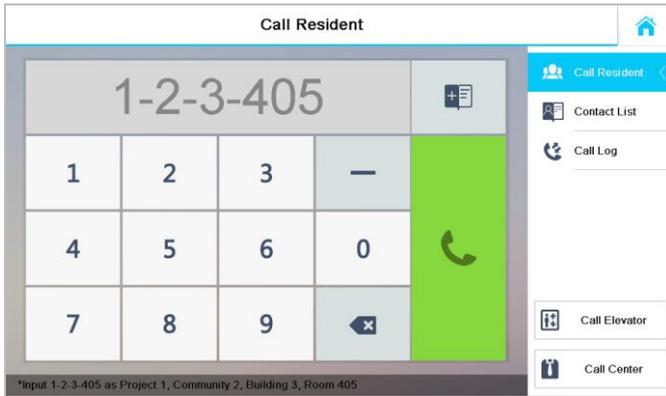


Figure 5-13 Call Resident Interface

## 6 Remote Operation (Batch Configuration Tool)

### 6.1 Activating Device Remotely

#### *Purpose:*

The device cannot be operated until it is activated. You can remotely activate the device via Batch Configuration Tool or via iVMS-4200 client. Here take the Batch Configuration Tool as example, and for further information, please refer to the user manual in the disk.

#### *Steps:*

1. Run the software, and select the inactivated device from the online devices and click the **Activate** button.

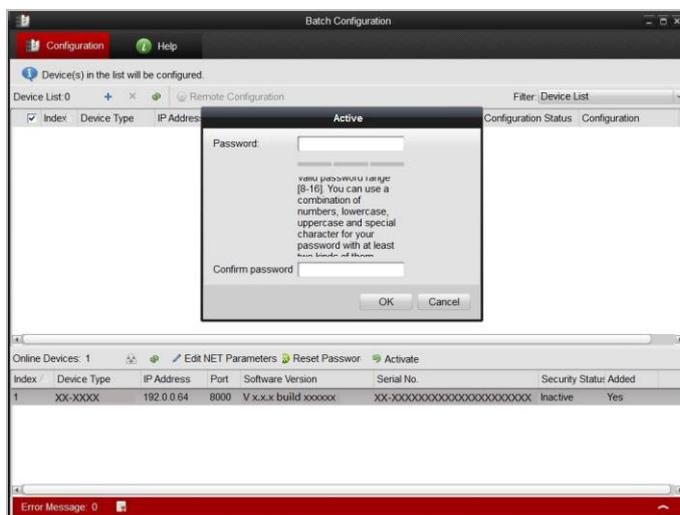


Figure 6-1 Activating Device

2. Create a password, and enter the password into the password field.

**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.*

3. Confirm the password.
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.

## 6.2 Editing Network Parameters

**Purpose:**

You can edit the network parameters of online devices.

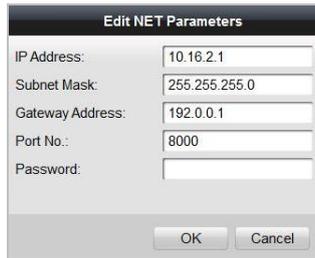
**Steps:**

1. Select an online device in the online devices list in the lower part of the batch configuration software interface.
2. Click the **Edit NET Parameters** button.



Figure 6-2 Edit NET Parameters

3. Enter a new IP address, subnet mask, gateway address, port No. and the password.
4. Click the **OK** button to accomplish the editing.



Edit NET Parameters	
IP Address:	10.16.2.1
Subnet Mask:	255.255.255.0
Gateway Address:	192.0.0.1
Port No.:	8000
Password:	
OK Cancel	

Figure 6-3 Edit 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

The software provides 4 ways for adding the devices. You can add the active online devices within your subnet, add devices by IP address, add devices by IP segment or add devices by device port No. range.



Adding online devices and adding device by IP address will be introduced in the quick start guide. For another two ways (adding devices by IP segment, and add devices by device port No.), please refer to the user manual in the disk.

### 6.3.1 Adding Online Device

#### Steps:

1. Run the software to enter the main interface of video intercom batch configuration tool software.

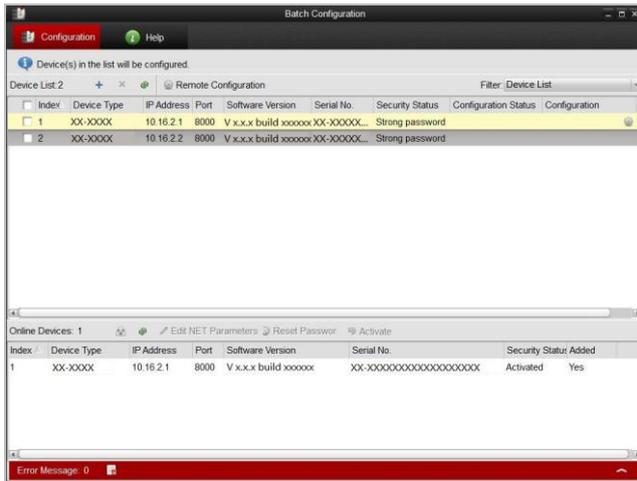


Figure 6-4 Main Interface of Batch Configuration Software

2. Select an online device or hold the **Ctrl** or **Shift** key to select multiple devices in the online devices list in the lower part of the batch configuration software interface.



Figure 6-5 Online Devices Interface

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



Figure 6-6 Login Dialog Box

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



Only the devices that are successfully logged in will be added to the device list for configuration.

### 6.3.2 Adding by IP Address

**Purpose:**

You can add the device by entering IP address.

**Steps:**

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



Figure 6-7 Adding Button

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

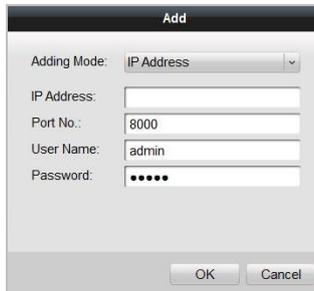


Figure 6-8 Adding by IP Address

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.

## 6.4 Remote Configuration

In the device list area, select a device and click Remote Configuration or to enter the remote configuration interface.

## Video Intercom Indoor Station • Quick Start Guide



Figure 6-9 Remote Configuration

For further information, please refer to the user manual in the disk.

## Appendix

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### 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