



HIKVISION

Video Intercom Door Station (D Series)

Quick Start Guide

UD.6L0206B1168A01

Quick Start Guide

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

Series	Model
Door Station (D Series)	DS-KD8102-V
	DS-KD8002-VM
	DS-KD6002-VM

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 B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment should be installed and operated with a minimum distance 20cm between the radiator and your body.

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 R&TTE Directive 1999/5/EC, 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 (B)/NMB-3(B) standards requirements.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radioexempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

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.
- 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

1 Appearance	1
1.1 Front Panel and Keys (DS-KD8102-V)	1
1.2 Front Panel and Keys (DS-KD8002-VM)	3
1.3 Front Panel and Keys (DS-KD6002-VM)	5
2 Terminals and Interfaces	7
2.1 Terminals and Interfaces of DS-KD8102-V/ DS-KD8002-VM	7
2.2 Terminals and Interfaces of DS-KD6002-VM	9
3 Installation and Wiring	11
3.1 Installation of DS-KD8102-V	11
3.1.1 Gang Box for DS-KD8102-V	11
3.1.2 Wall Mounting with Gang Box of DS-KD8102-V	12
3.2 Installation of DS-KD8002-VM	13
3.2.1 Gang Box for DS-KD8002-VM	13
3.2.2 Wall Mounting with Gang Box of DS-KD8002-VM	14
3.3 Installation of DS-KD6002-VM	16
3.3.1 Gang Box for DS-KD6002-VM	16
3.3.2 Wall Mounting with Gang Box of DS-KD6002-VM	17
3.4 Wiring Description	18
3.4.1 Door Lock Wiring	18
3.4.2 Door Magnetic Wiring	19
3.4.3 Exit Button Wiring	21
3.4.4 External Card Reader Wiring	22
3.4.5 Alarm Device Input Wiring	23
3.4.6 Alarm Device Output Wiring	24
4 Before You Start	25
5 Remote Operation (Batch Configuration Software)	26
5.1 Activating Device Remotely	26
5.2 Editing Network Parameters	27
5.3 Adding Device	28
5.3.1 Adding Online Devices	28
5.3.2 Adding by IP Address	29
6 Local Operation	31
6.1 Activating Device	31
6.2 Status	31
6.3 Unlocking Door	32
6.3.1 Unlocking Door by Password	32
6.3.2 Unlocking Door by Swiping Card	33
6.4 Starting Video Call	33
6.4.1 Video Call via Main/Sub Door Station	33

6.4.2 Video Call via Outer Door Station	33
6.5 Setting Parameters	34
6.5.1 Network Configuration.....	35
6.5.2 Local Settings	36
6.5.3 Issuing Card	37
6.5.4 Changing Password	38
6.5.5 Volume Settings	39
6.5.6 About	40
Appendix	41
Installation Notice	41
Wiring Cables.....	41

1 Appearance

1.1 Front Panel and Keys (DS-KD8102-V)

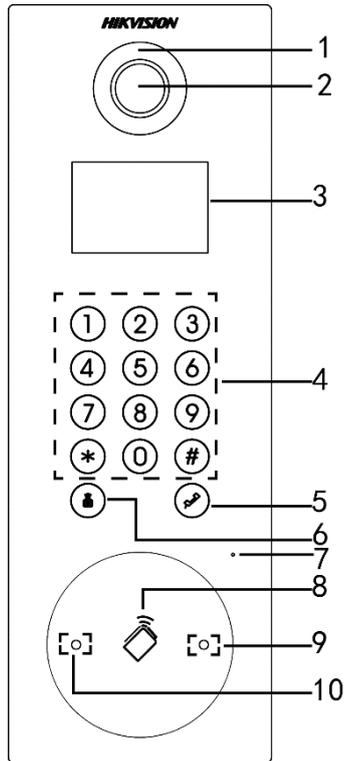


Figure 1-1 Front Panel Keys

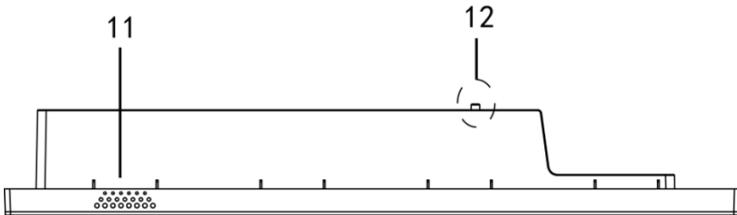


Figure 1-2 Side View

Table 1-1 Descriptions of Keys

No.	Description
1	Low Illumination Supplement Light
2	Built-in Camera
3	LCD Display Screen
4	Numeric Keypad
5	Calling Button
6	Calling Center Key
7	Microphone
8	Card Induction Area
9	IR Emission
10	IR Receiver
11	Loudspeaker
12	Tamper Button

1.2 Front Panel and Keys (DS-KD8002-VM)

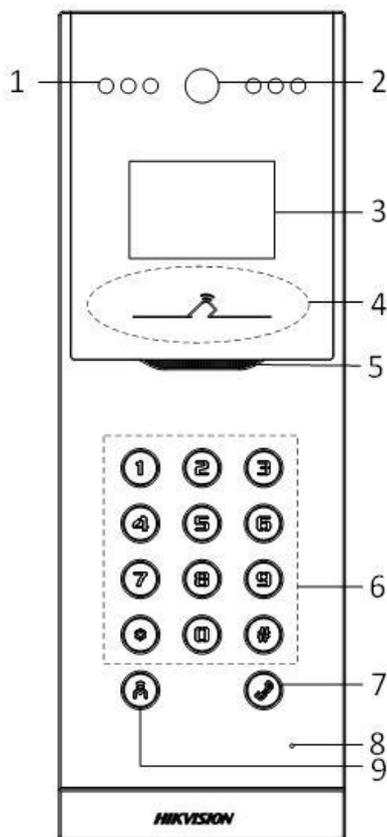


Figure 1-4 Front Panel Keys

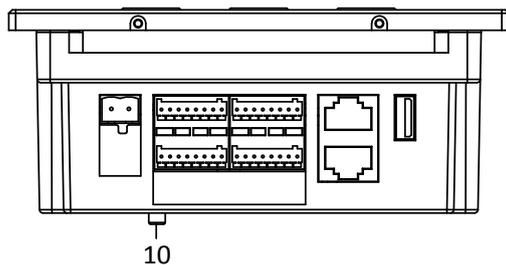


Figure 1-5 Side View

Table 1-2 Descriptions of Keys

No.	Description
1	Low Illumination Supplement Light
2	Built-in Camera
3	LCD Display Screen
4	Card Induction Area
5	Loudspeaker
6	Numeric Keypad
7	Calling Button
8	Microphone
9	Calling Center Key
10	Tamper Button



The appearance of the devices is only for reference, and the actual appearance of it depends on the actual object.

1.3 Front Panel and Keys (DS-KD6002-VM)

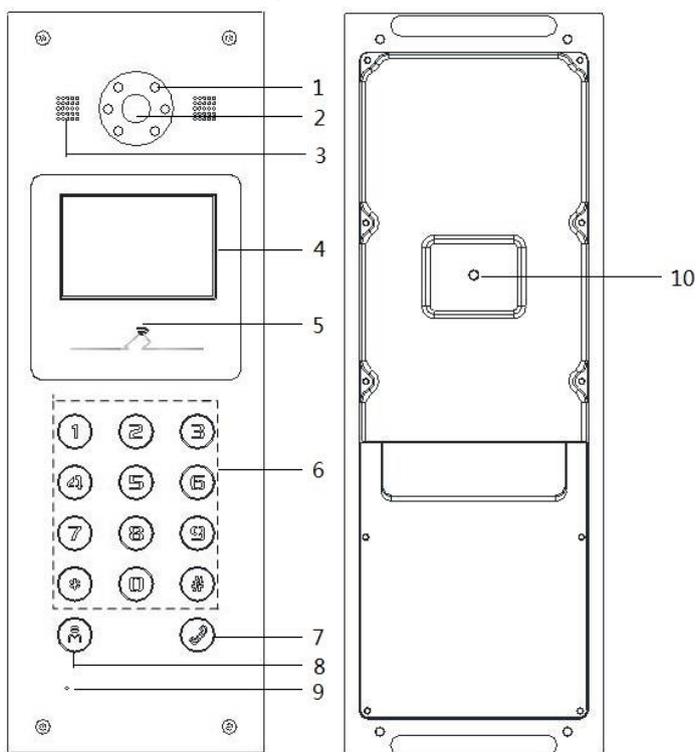


Figure 1-6 Front Panel Keys and Rear Panel Keys

Table 1-3 Descriptions Keys

No.	Description
1	Low Illumination Supplement Light
2	Built-in Camera
3	Loudspeaker
4	LCD Display Screen
5	Card Induction Area
6	Numeric Keypad

No.	Description
7	Calling Button
8	Calling Center Key
9	Microphone
10	Tamper Button



The appearance of the devices is only for reference, and the actual appearance of it depends on the actual object.

2 Terminals and Interfaces

2.1 Terminals and Interfaces of DS-KD8102-V/ DS-KD8002-VM

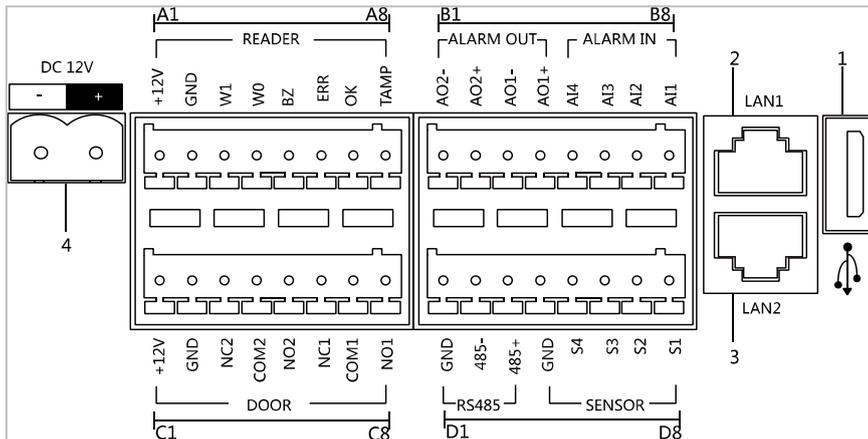


Figure 2-1 Terminals and Interfaces of DS-KD8102-V/DS-KD8002-VM

Table 2-1 Descriptions of Terminals and Interfaces

Name	No.	Interface	Description
USB	1	USB	USB Interface
LAN	2	LAN1	Network Interface
	3	LAN2	Reserved
Power Supply	4	DC 12V	DC 12V Power Supply Input
READER	A1	12V	Card Reader Power Supply Output
	A2	GND	Grounding
	A3	W1	Data Input Interface Wiegand Card Reader: Data1
	A4	W0	Data Input Interface Wiegand Card Reader: Data0
	A5	BZ	Card Reader Buzzer Output

Video Intercom Door Station • Quick Start Guide

Name	No.	Interface	Description
	A6	ERR	Card Reader Indicator Output (Invalid Card Output)
	A7	OK	Card Reader Indicator Output (Valid Card Output)
	A8	TAMP	Tamper-proof Input of Wiegand Card Reader
ALARM OUT	B1	AO2-	Alarm Relay Output 2
	B2	AO2+	
	B3	AO1-	Alarm Relay Output 1
	B4	AO1+	
ALARM IN	B5	AI4	Alarm Input 4
	B6	AI3	Alarm Input 3
	B7	AI2	Alarm Input 2
	B8	AI1	Alarm Input 1
DOOR	C1	12V	Door Lock Power Supply Output
	C2	GND	Grounding
	C3	NC2	Door Lock Relay Output/Connect Electric Bolt or Magnetic Lock
	C4	COM2	Grounding Signal
	C5	NO2	Door Lock Relay Output/Connect Electric Strike
	C6	NC1	Door Lock Relay Output/Connect Electric Bolt or Magnetic Lock
	C7	COM1	Grounding Signal
	C8	NO1	Door Lock Relay Output/Connect Electric Strike
RS485	D1	GND	Reserved
	D2	485-	
	D3	485+	
SENSOR	D4	GND	Grounding Signal
	D5	S4	Door Magnetic Detection Input 4/Exit Button
	D6	S3	Door Magnetic Detection Input 3/Exit Button
	D7	S2	Door Magnetic Detection Input 2/Exit Button
	D8	S1	Door Magnetic Detection Input 1/Exit Button

2.2 Terminals and Interfaces of DS-KD6002-VM

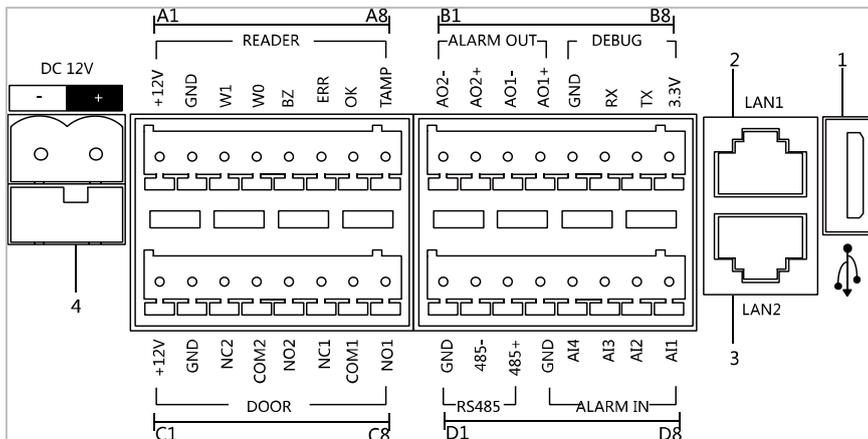


Figure 2-2 Terminals and Interfaces of DS-KD6002-VM

Table 2-2 Descriptions of Terminals and Interfaces

Name	No.	Interface	Description
USB	1	USB	USB Interface
LAN	2	LAN1	Network Interface
	3	LAN2	Reserved
Power Supply	4	DC 12V	DC 12V Power Supply Input
READER	A1	12V	Card Reader Power Supply Output
	A2	GND	Grounding
	A3	W1	Data Input Interface Wiegand Card Reader: Data1
	A4	W0	Data Input Interface Wiegand Card Reader: Data0
	A5	BZ	Card Reader Buzzer Output
	A6	ERR	Card Reader Indicator Output (Invalid Card Output)
	A7	OK	Card Reader Indicator Output (Valid Card Output)
	A8	TAMP	Tamper-proof Input of Wiegand Card Reader

Video Intercom Door Station ▪ Quick Start Guide

Name	No.	Interface	Description
ALARM OUT	B1	AO2-	Alarm Relay Output 2
	B2	AO2+	
	B3	AO1-	Alarm Relay Output 1
	B4	AO1+	
DEBUG	B5	GND	Grounding
	B6	RX	Serial Port Debugging/Receive data
	B7	TX	Serial Port Debugging/Send data
	B8	3.3V	Serial Port Debugging/Power Supply
DOOR	C1	12V	Door Lock Power Supply Output
	C2	GND	Grounding
	C3	NC2	Door Lock Relay Output/Connect Electric Bolt or Magnetic Lock
	C4	COM2	Grounding Signal
	C5	NO2	Door Lock Relay Output/Connect Electric Strike
	C6	NC1	Door Lock Relay Output/Connect Electric Bolt or Magnetic Lock
	C7	COM1	Grounding Signal
	C8	NO1	Door Lock Relay Output/Connect Electric Strike
RS485	D1	GND	Reserved
	D2	485-	
	D3	485+	
ALARM IN	D4	GND	Grounding Signal
	D5	AI4	Alarm Input 4
	D6	AI3	Alarm Input 3
	D7	AI2	Alarm Input 2
	D8	AI1	Alarm Input 1

3 Installation and Wiring

3.1 Installation of DS-KD8102-V

To install the door station onto the wall, you are required to use a matched gang box.

3.1.1 Gang Box for DS-KD8102-V

Refer to the following figures for the dimensions of gang box for DS-KD8102-V door station.

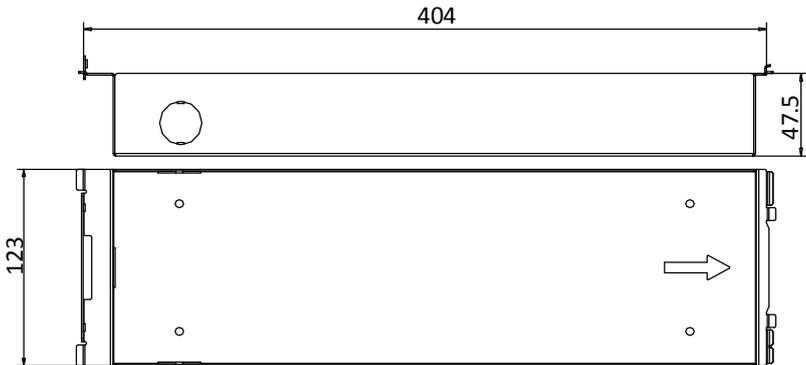


Figure 3-1 Front and Side View

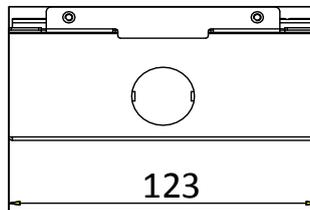


Figure 3-2 Overhead (Plan) View



- The dimension of gang box for model DS-KD8102-V door station is: 404 (length) × 123 (width) × 47.5 (depth) mm.
- The dimensions above are for reference only. The actual size can be slightly different from the theoretical dimension.

3.1.2 Wall Mounting with Gang Box of DS-KD8102-V

Steps:

1. Take the gang box 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 larger than that of the gang box. The suggested size of hole is 404.5 (length) × 123.5 (width) × 48 (depth) mm.
3. Insert the gang box into the hole and fix it with 4 PA4 screws, as shown in the figure below.

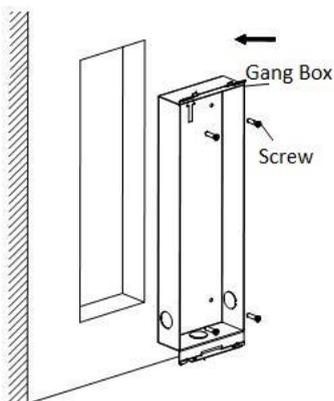


Figure 3-3 Insert the Gang Box into the Wall

4. Make sure the edges of the gang box align to the wall.
5. Route the cables of the door station through the cable hole.
6. Put the door station into the gang box and hook the lock catches on the rear panel onto the hook **A** and **B** of the gang box, as shown in the figure below.

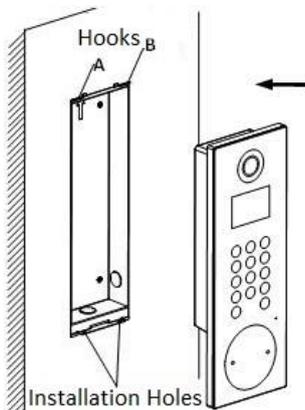


Figure 3-4 Install the Door Station

- Pull the door station downward and then push it towards the inside to make sure it fits the hole.
- Tighten the screws of the door station with the Allen wrench in the package, as shown in the figure below.

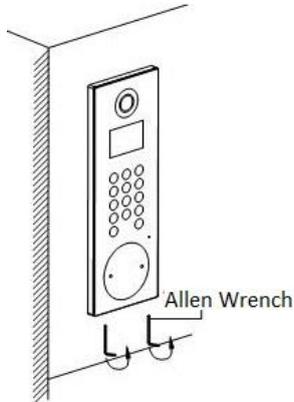


Figure 3-5 Tighten the Screws of Device

3.2 Installation of DS-KD8002-VM

To install the door station onto the wall, you are required to utilize a matched gang box.

3.2.1 Gang Box for DS-KD8002-VM

Please refer to the following figures for the dimensions of gang box for DS-KD8002-VM door station.

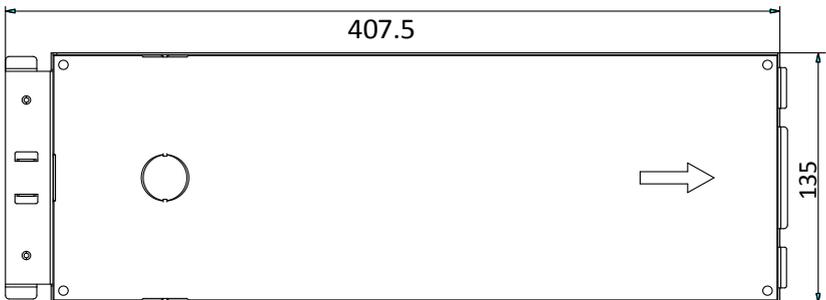


Figure 3-6 Front View

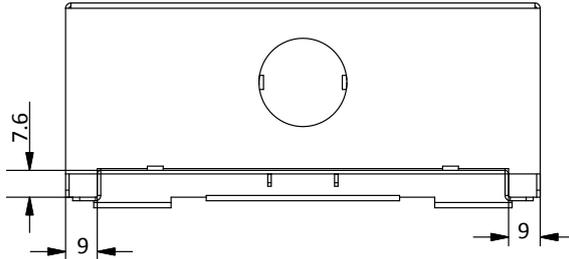


Figure 3-7 Overhead (Plan) View



- The dimension of gang box for model DS-KD8002-VM door station is: 407.5 mm × 135 mm × 55 mm.
- The dimensions above are for reference only. The actual size can be slightly larger than the theoretical dimension.

3.2.2 Wall Mounting with Gang Box of DS-KD8002-VM

1. Take the gang box 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 larger than that of the gang box. The suggested size of hole is 136 (length) × 408.5 (width) × 55.5 (depth) mm.

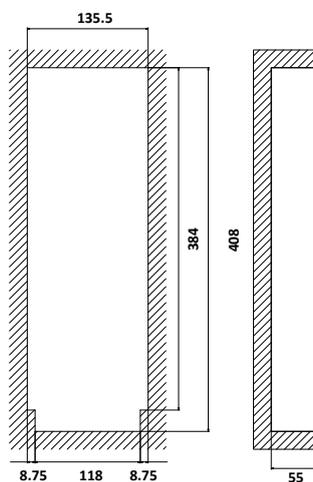


Figure 3-8 Dimensions of the Hole

3. Insert the gang box into the hole and fix it with 4 PA4 screws, as shown in the figure below.

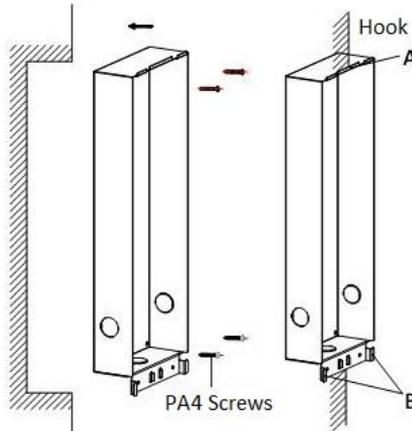


Figure 3-9 Insert the Gang Box into the Wall

4. Make sure the edges of the gang box align to the wall and the hook **A** and hook **B** of the gang box hook onto the wall.
5. Route the cables of the door station through the cable hole.
6. Insert the door station into the gang box and then move the door station downward to hook the lock catches on the rear panel onto the hook **C** of the gang box.
7. Fix the door station with 2 PM3 screws, as shown in the figure below.

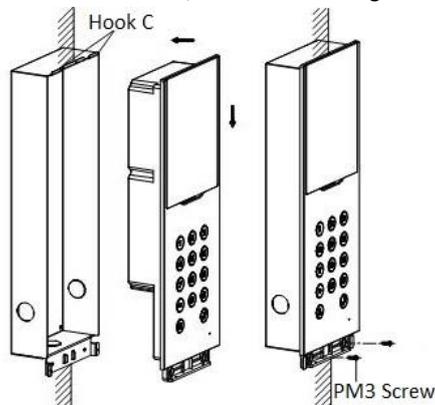


Figure 3-10 Install the Door Station

8. After fixing the door station onto the gang box, secure it by inserting the plate and insert 2 POM2 screws, as shown in the figure below.

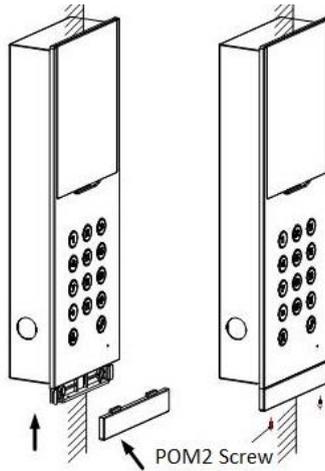


Figure 3-11 Secure the Door Station

3.3 Installation of DS-KD6002-VM

To install the door station onto the wall, you are required to use a matched gang box.

3.3.1 Gang Box for DS-KD6002-VM

Refer to the following figures for the dimensions of gang box for DS-KD6002-VM door station.

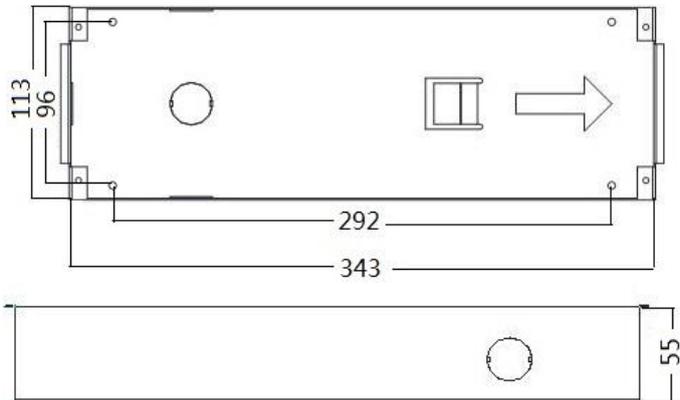


Figure 3-12 Front and Side View



- The dimension of gang box for model DS-KD6002-VM door station is: 343(length) × 113(width) × 55(depth) mm.
- The dimensions above are for reference only. The actual size can be slightly different from the theoretical dimension.

3.3.2 Wall Mounting with Gang Box of DS-KD6002-VM

Steps:

1. Take the gang box 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 larger than that of the gang box. The suggested size of hole is 343.5 (length) × 113.5 (width) × 55.5 (depth) mm.
3. Insert the gang box into the hole and fix it with 4 PA4 screws, as shown in the figure below.

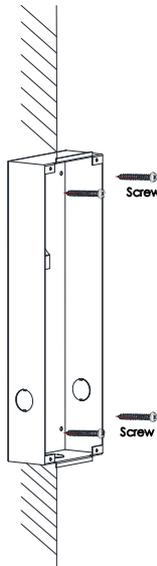


Figure 3-13 Insert the Gang Box into the Wall

4. Make sure the edges of the gang box align to the wall.
5. Route the cables of the door station through the cable hole.
6. Put the door station into the gang box.

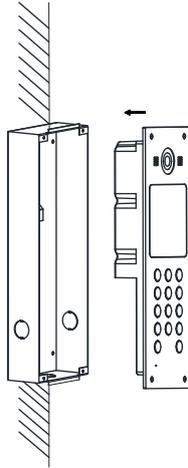


Figure 3-14 Install the Door Station

7. Fix the door station to the gang box with 4 screws.

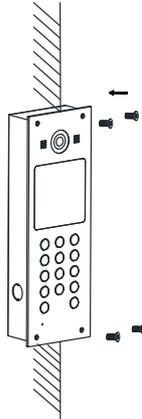


Figure 3-15 Tighten the Screws of Device

3.4 Wiring Description

3.4.1 Door Lock Wiring

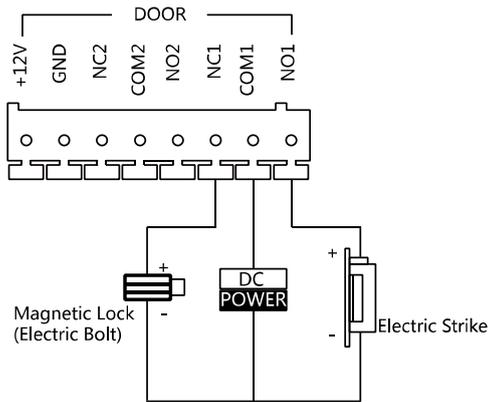


Figure 3-16 Door Lock Wiring



- Terminal NO1/COM1 is set as default for accessing magnetic lock/electric bolt; terminal NC1/COM1 is set as default for accessing electric strike.
- To connect electric lock in terminal NO2/COM2/NC2, it is required to set the output of terminal NO2/COM2/NC2 to be electric lock with Batch Configuration Tool or iVMS-4200.

3.4.2 Door Magnetic Wiring

Door Magnetic Wiring for DS-KD8102-V/DS-KD8002-VM

For DS-KD8102-V/DS-KD8002-VM, there are two optional ways of door magnetic wiring.

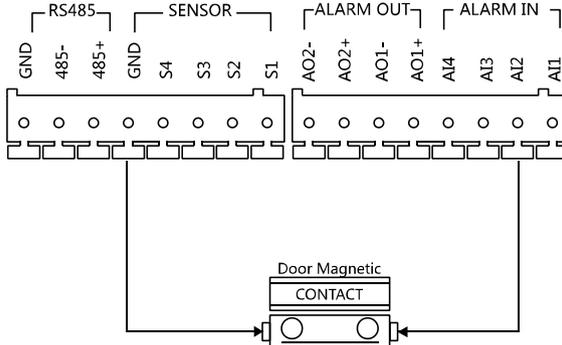


Figure 3-17 Door Magnetic Wiring for DS-KD8102-V/DS-KD8002-VM (1)



To connect the door magnetic, it is required to set the output of terminal AI2 to be door magnetic with Batch Configuration Tool or iVMS-4200.

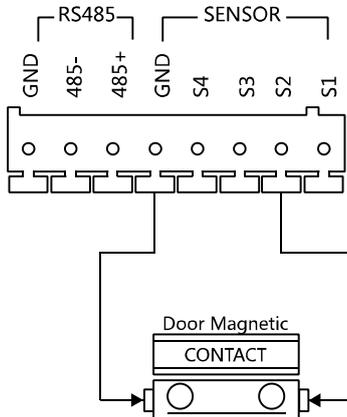


Figure 3-18 Door Magnetic Wiring for DS-KD8102-V/DS-KD8002-VM (2)



Terminal S2 is set as default for connecting door magnetic.

Door Magnetic Wiring for DS-KD6002-VM

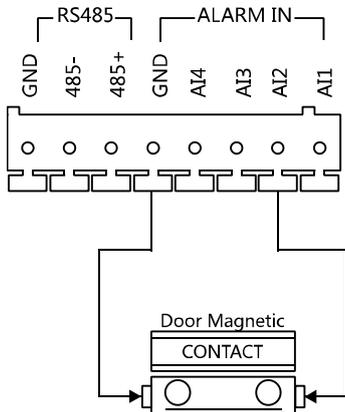


Figure 3-19 Door Magnetic Wiring for DS-KD6002-VM



To connect the door magnetic, it is required to set the output of terminal AI2 to be door magnetic with Batch Configuration Tool or iVMS-4200.

3.4.3 Exit Button Wiring

Exit Button Wiring for DS-KD8102-V/DS-KD8002-VM

For DS-KD8102-V/DS-KD8002-VM, there are two optional ways of exit button wiring.

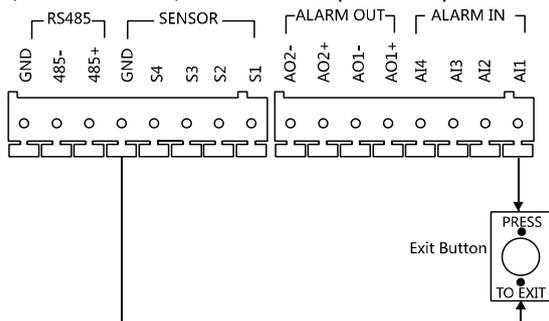


Figure 3-20 Exit Button Wiring for DS-KD8102-V/DS-KD8002-VM (1)



To connect the exit button, it is required to set the output of terminal AI1 to be exit button with Batch Configuration Tool or iVMS-4200.

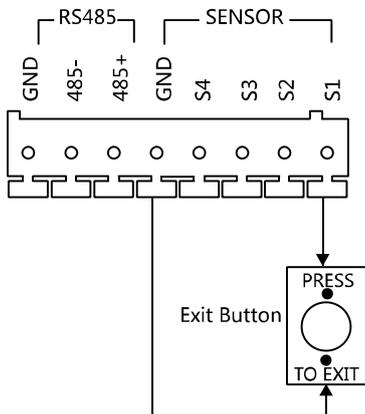


Figure 3-21 Exit Button Wiring for DS-KD8102-V/DS-KD8002-VM (2)

Exit Button Wiring for DS-KD6002-VM

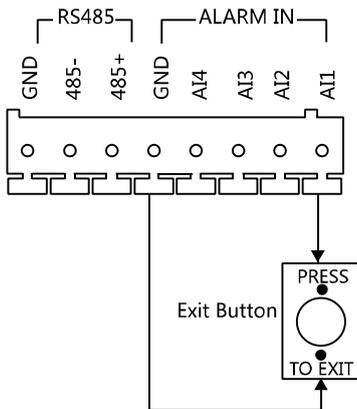


Figure 3-22 Exit Button Wiring for DS-KD6002-VM



Terminal S1 is set as default for connecting exit button.

3.4.4 External Card Reader Wiring

Please refer to the following figure for external card reader wiring.

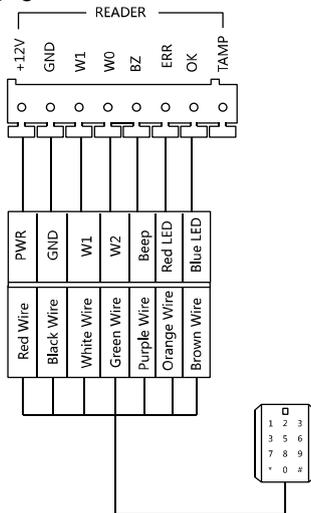


Figure 3-23 External Card Reader Wiring

3.4.5 Alarm Device Input Wiring

Alarm Device Input Wiring for DS-KD8102-V/DS-KD8002-VM

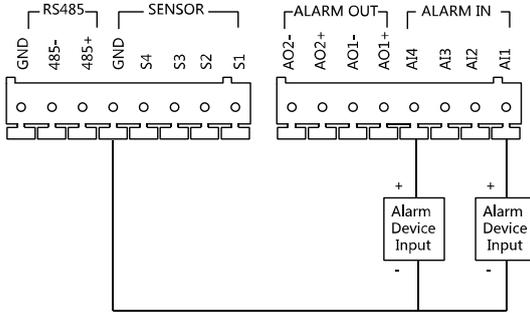


Figure 3-24 Alarm Device Input Wiring for DS-KD8102-V/DS-KD8002-VM

Alarm Device Input Wiring for DS-KD6002-VM

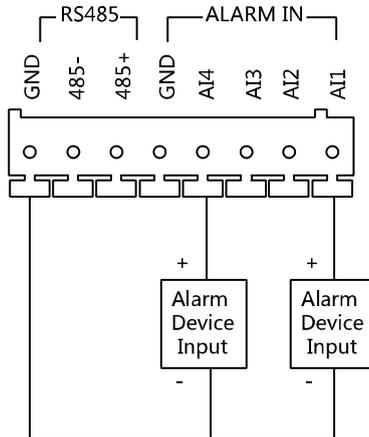


Figure 3-25 Alarm Device Input Wiring for DS-KD6002-VM

3.4.6 Alarm Device Output Wiring

Alarm Device Output Wiring for DS-KD8102-V/DS-KD8002-VM

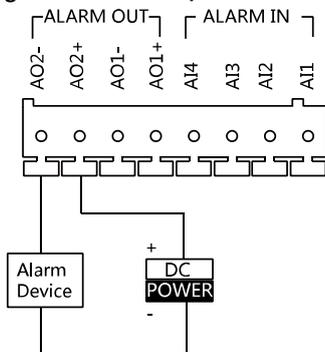


Figure 3-26 Alarm Device Output Wiring for DS-KD8102-V/DS-KD8002-VM

Alarm Device Output Wiring for DS-KD6002-VM

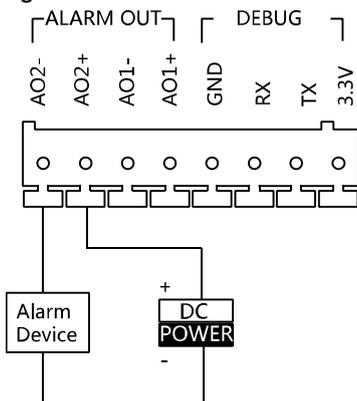


Figure 3-27 Alarm Device Output Wiring for DS-KD6002-VM

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 via internet with Batch Configuration Tool, or with iVMS-4200 client software.



To activate the device with Batch Configuration Tool or iVMS-4200, refer to Chapter 5.

To activate the device locally, refer to Chapter 6.

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

The default admin password is **888999**.

You can set the login password of the device by yourself.

You must change the default credential to protect against unauthorized access to the product. Please refer to Chapter 5 and Chapter 6 for changing password.

5 Remote Operation (Batch Configuration Software)

5.1 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.

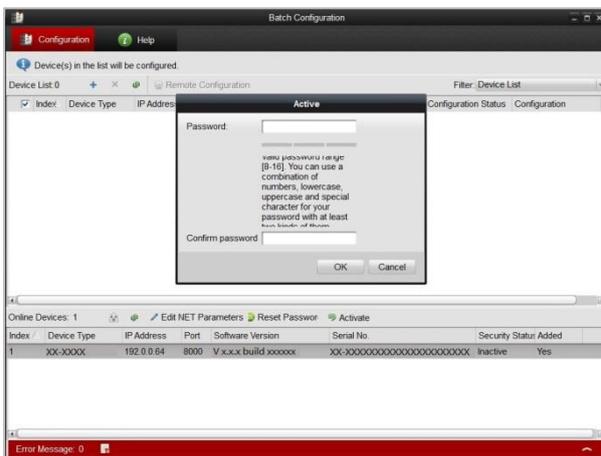


Figure 5-1 Activating Device

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.

5.2 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 5-2 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:

Subnet Mask:

Gateway Address:

Port No.:

Password:

Figure 5-3 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.

5.3 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.

5.3.1 Adding Online Devices

Steps:

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

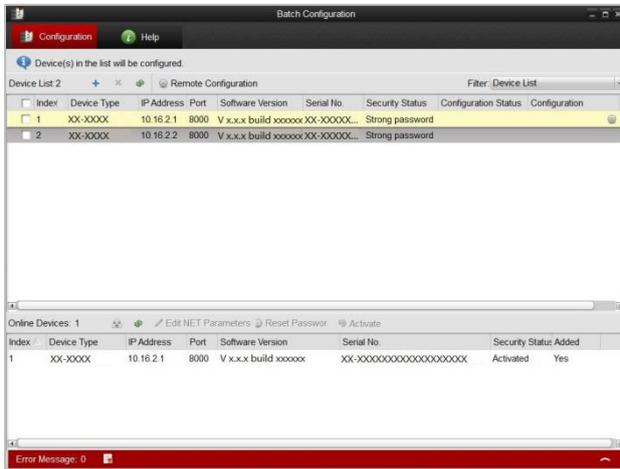


Figure 5-4 Main Interface of Batch Configuration Software

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.

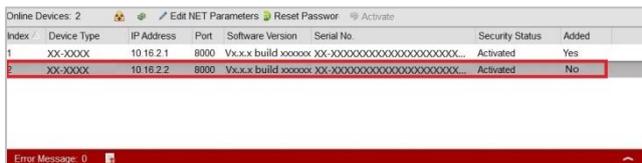


Figure 5-5 Online Devices Interface

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



Figure 5-6 Login Dialog Box

- Enter the user name and password.
- 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.

5.3.2 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.

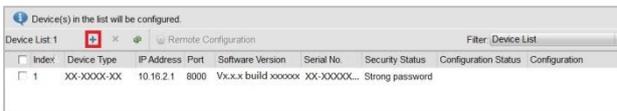


Figure 5-7 Adding Button

- 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.



Figure 5-8 Adding by IP Address

- 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.

5.4 Remote Configuration

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



Figure 5-9 Remote Configuration

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

6 Local Operation



- The number key **2, 8, 4, 6** as direction keys **▲, ▼, ◀, ▶** to turn down, up, left and right.
- The **#** key works as a confirm key.
- The ***** key works as a delete key.

6.1 Activating Device

Please press # to activate device.

Figure 6-1 Activate the Device

The operation of door station cannot be performed when the device is not activated. Please activate the device with video intercom device set-up tool, batch configuration software and iVMS-4200. For detailed information, please refer to Chapter 5.

6.2 Status

Icon	Description
Network!	Please check the network cable of the door station.
Center!	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

Icon	Description
	if the device No. has been registered.
 Center	The network connection of the main door station/outer door station is normal, and the main door station/outer door station has been successfully registered to the SIP server.
	The network connection of the sub door station is normal, and the sub door station has been successfully registered to the main door station/SIP server.
 IP Conflict!	IP address of the door station conflicts with other devices' IP address.

6.3 Unlocking Door

6.3.1 Unlocking Door by Password

Purpose:

You can unlock the door by entering the password.

Steps:

1. Enter the main interface of door station.

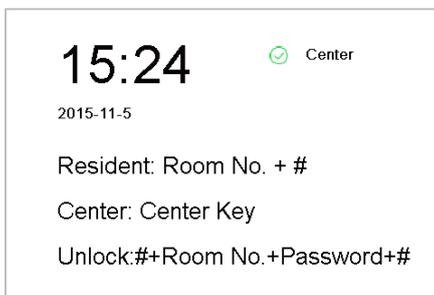


Figure 6-2 Main Interface of Door Station

2. Enter the # key + Room No. + Password + the # key to unlock the door



- The password varies according to different rooms.
- The default password is 123456.

6.3.2 Unlocking Door by Swiping Card

Purpose:

After issuing the cards, you can unlock the door by swiping the assigned card.

Step:

1. Swipe the card on the card induction area.
2. Hear a voice prompt of the device: Door is open.



You cannot unlock the door by swiping the main card.

6.4 Starting Video Call

Purpose:

You can enter the Room No. of a certain resident to start a video call and unlock the door by the resident.

6.4.1 Video Call via Main/Sub Door Station

Steps:

1. Enter the main interface of door station
2. Enter the Room No. and click the # key or the **Call** key.



- The resident can receive/decline the video call, unlock the door, call the elevator, etc.
- A voice prompt (Please input the correct Room No.) can be heard if the Room No. is invalid.

6.4.2 Video Call via Outer Door Station

Steps:

1. Enter the main interface of outer door station.

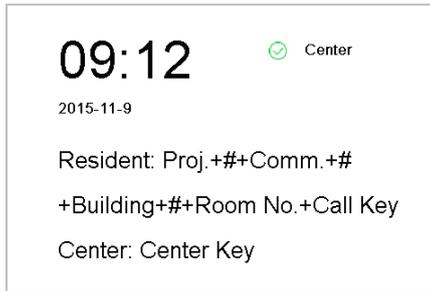


Figure 6-3 Main Interface of Outer Door Station

2. Enter the project No. + the # key + the communication No. + the # key + the building No. + the # key + the Room No. + the **Call** key to start a video call of a certain resident.



- The resident can receive/decline the video call, unlock the door, call the elevator, etc.
- A voice prompt (Please input the correct Room No.) can be heard if the Room No. is invalid.
- To set the door station as outer door station, you should configure the device type as outer door station via batch configuration tool or iVMS-4200 client software. For further details, refer to the user manual in the disk.

6.5 Setting Parameters

Purpose:

You can set the network configuration, local settings, password and volume of the door station. You can also view the version of the device and issue cards with it.

Steps:

1. Enter the main interface of door station.
2. Long-click the * key and the # key simultaneously for 2 seconds to enter the admin password interface.

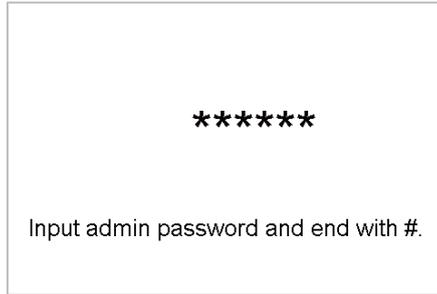


Figure 6-4 Admin Password Interface

3. Enter the admin password and end with the # key to enter the settings interface.
4. Click the left/right direction key (number key 4 and number key 6) to realize the change among different settings interfaces.



The default admin password is 888999.

6.5.1 Network Configuration

Purpose:

You can set the network parameters of the door station.

Steps:

1. Enter the admin password to enter the settings interface.
2. Press number key 4 and 6 to switch to the network configuration interface.

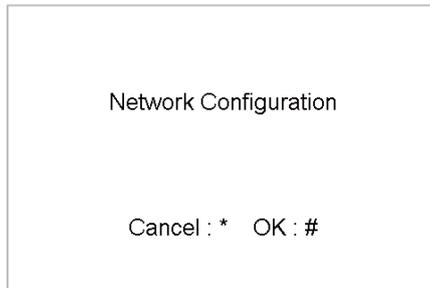


Figure 6-5 Network Configuration Interface

3. Press the # key to enter the network parameters settings interface.

IP Address :	192	.	0	.	0	.	65
Sub Mask:	255	.	255	.	255	.	0
Gateway:	192	.	0	.	0	.	1
SIP IP:	0	.	0	.	0	.	0
Master IP:	0	.	0	.	0	.	0
Center IP:	0	.	0	.	0	.	0

Figure 6-6 Network Parameters Settings Interface

4. Move the cursor to parameters to be configured.
5. Press the # key to enter/exit the editing mode.
6. Press the * key to exit the network configuration interface after accomplishing network parameters settings.

6.5.2 Local Settings

Purpose:

You can set the numbers of the door station.

Steps:

1. Enter the admin password to enter the settings interface.
2. Press number key **4** and **6** to switch to the local settings interface.

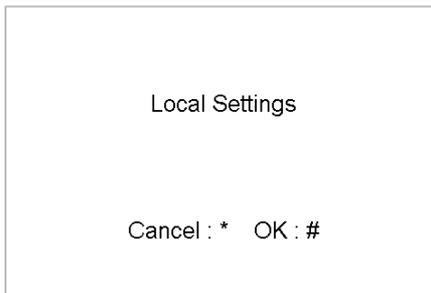


Figure 6-7 Local Settings Interface

3. Press the # key to enter the local parameters settings interface.

Project No. :	<input type="text" value="1 "/>
Community No. :	<input type="text" value="1"/>
Building No. :	<input type="text" value="1"/>
Floor No. :	<input type="text" value="1"/>
Serial No. :	<input type="text" value="0"/>

Figure 6-8 Local Parameters Settings Interface (Main/Sub Door Station)

Project No. :	<input type="text" value="1 "/>
Serial No. :	<input type="text" value="1"/>

Figure 6-9 Local Parameters Settings Interface (Outer Door Station)

4. Move the cursor to parameters to be configured.
5. Press the # key to enter/exit the editing mode.
6. Press the * key to exit the local settings interface after accomplishing local parameters settings.



- In the main/sub door station mode, the serial No. of main door station should be set as 0, and the serial No. of sub door station should be larger than 0.
- For each main door station, at most 8 sub door stations can be installed.
- For the outer door station, the serial No. cannot be set as 0.

6.5.3 Issuing Card

Purpose:

You can issue cards with the door station.

Steps:

1. Enter the admin password to enter the settings interface.
2. Press number key **4** and **6** to switch to the card issuing interface.

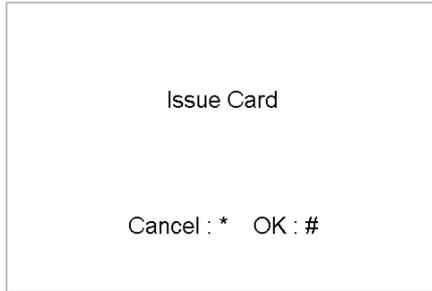


Figure 6-10 Card Issuing Interface

3. Press the # key to enter the main card swiping interface.
4. Swipe the main card in the card induction area, and it produces a voice prompt: Issuing card succeeded.
5. Swipe the unauthorized sub cards in turn after hearing a voice prompt: Please swipe the sub card.
6. Press the * key to exit the card issuing interface.



- If the main card is invalid, it prompts the message: Incorrect Main Card.
- For the door station (D series), if the amount of sub cards exceeds 2500, no more sub card can be issued and the station prompts the message: No more sub card can be issued.
- For the outer door station, if the amount of sub cards exceeds 50000, no more sub card can be issued and the station prompts the message: No more sub card can be issued.
- After enrolling cards with client software, the card issuing function will be disabled on the user interface.

6.5.4 Changing Password

Purpose:

You can change the admin password of the door station.

Steps:

1. Enter the admin password to enter the settings interface.
2. Press number key **4** and **6** to switch to the password settings interface.

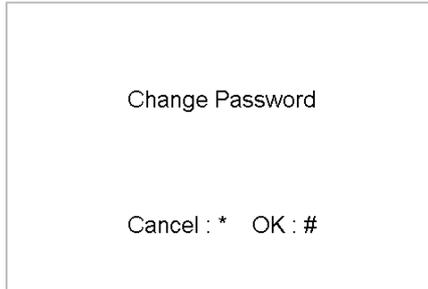


Figure 6-11 Password Settings Interface

3. Press the # key to enter the local parameters changing interface.

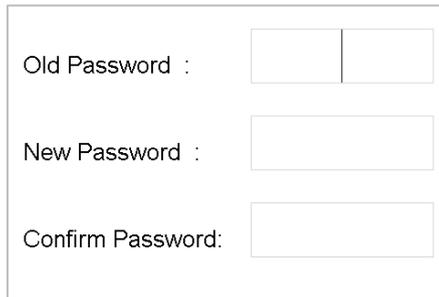


Figure 6-12 Password Changing Interface

4. Move the cursor to the old password textbox.
5. Press the # key to enter/exit the editing mode, and enter the old password.
6. Move the cursor to the new password textbox.
7. Press the # key to enter/exit the editing mode, and enter a new password.
8. Move the cursor to the confirm textbox.
9. Press the # key to enter/exit the editing mode, and enter a new password again.
10. Move the cursor to parameters to be configured.
11. Press the # key to enter/exit the editing mode.
12. Press the * key to exit the password changing interface.

6.5.5 Volume Settings

Purpose:

You can adjust the volume of the door station.

Steps:

1. Enter the admin password to enter the settings interface.
2. Press number key 4 and 6 to switch to the volume settings interface.

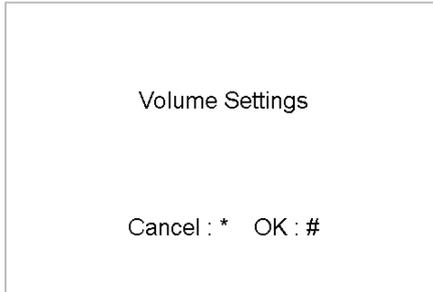


Figure 6-13 Volume Settings Interface

3. Press the # key to enter the volume parameters settings interface.



Figure 6-14 Volume Parameters Settings Interface

4. Press the # key + numeric key + the # key to edit the value of volume.
5. Press the * key to exit the volume settings interface.

6.5.6 About

On the settings interface, press number key **4** and **6** to switch to the **About** interface, and press the # key to view the version of the device.

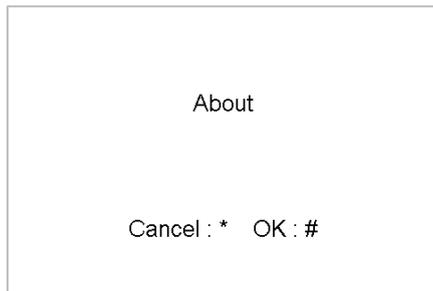


Figure 6-15 Device Version Interface

Appendix

Installation Notice

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



Here 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

