Video Intercom Bundle

Quick Start Guide

Legal Information

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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 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.
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 2014/30/EU, 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: ***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: ***http://www.recyclethis.info***

Industry Canada ICES-003 Compliance

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

Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
⚠ **Danger**	Indicates a hazardous situation which, if not avoided, will or could result in death or serious injury.
⚠ **Caution**	Indicates a potentially hazardous situation which, if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
⚠ **Note**	Provides additional information to emphasize or supplement important points of the main text.

Contents

1 Appearance Description

1.1 Indoor Station

The front panel of indoor station contains function buttons and indicators. The rear panel of the indoor station contains interfaces, terminals, and card slot, and so on.
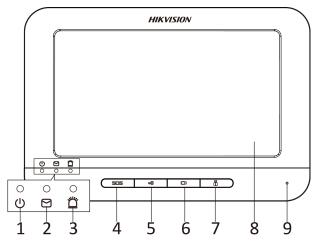
Front Panel

Figure 1-1 Front Panel

Table 1-1 Components Description of Front Panel

No.	Description
1	Power Supply Indicator
2	Information Indicator
3	Alarm Indicator
4	SOS Button
5	Unlock Button
6	Live View Button

No.	Description
7	Management Center Button
8	LCD Screen
9	Microphone

⚠ Note

Hold **SOS** to trigger a SOS alarm and upload the alarm message to the management center (the client software or the master station).
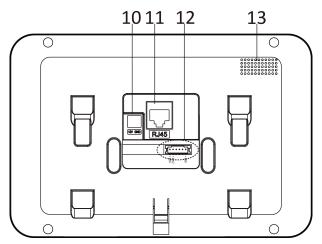
Rear Panel

Figure 1-2 Rear Panel

Table 1-2 Components Description of Rear Panel

No.	Description
1	Power Supply Interface
2	Network Interface
3	Terminals
4	Loudspeaker

1.2 Door Station

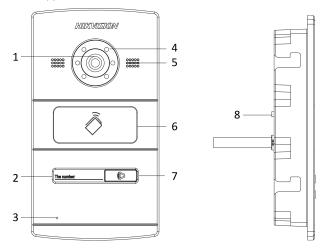The door station appearance is shown as below.

Figure 1-3 Door Station Appearance

Table 1-3 Components Description

No.	Description
1	Built-in Camera
2	Room No. (Customized)
3	Microphone
4	Low Illumination Supplement Light
5	Loudspeaker
6	Card Induction Area
7	Call Button
8	Tamper Button

2 Terminals and Wirings

2.1 Terminal Description

2.1.1 Indoor Station Terminal

On the rear panel of the indoor station, there are 3 available pins: 2 alarm input pins and 1 GND pin.
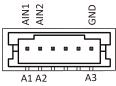

Figure 2-1 Indoor Station Terminal

Table 2-1 Indoor Station Terminal Description

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

2.1.2 Door Station Terminal

Figure 2-2 Door Station Terminal

Table 2-2 Door Station Terminal Description

Name	No.	Color	Description
Alarm In	1	YELLOW/PURPLE	ALARM_1
	2	YELLOW/ORANGE	ALARM_2
	3	YELLOW/GREEN	ALARM_3
	4	YELLOW/BROWN	ALARM_4
	5	YELLOW/BLACK	ALARM_GND
Power Supply	6	RED	DC 12V Power Supply Input
GND	7	BLACK	Grounding
RS485	8	ORANGE	RS485+
	9	YELLOW	RS485-
ALARM OUT	10	PINK	DR_NC
	11	BLUE	DR_NO
	12	GREEN	DR_COM
LAN	13	LAN	Network Interface

2.2 Wiring Description

2.2.1 Wiring of Indoor Station

On the rear panel of the indoor station, there are 3 available pins: 2 alarm input pins and 1 GND pin.

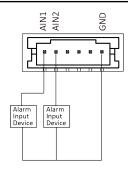To access the alarm input device, you can connect the device as below.

Figure 2-3 Wiring Description (Alarm Input Device)

2.2.2 Wiring of Door Station

Door Lock Wiring

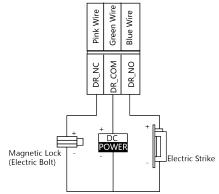To connect electric lock, refer to the picture below.

Figure 2-4 Door Lock Wiring

⚠ **Note**

- Terminal DR_NC/DR_COM is set as default for connecting magnetic lock/electric bolt;terminal DR_NO/DR_COM is set as default for connecting electric strike.

- To connect electric lock, it is required to set the output of terminal DR_NC/ DR_COM/DR_NO to be electric lock with Batch Configuration Tool or iVMS-4200 client software.

Door Magnetic Wiring
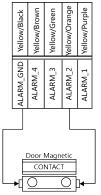
To connect door magnetic, refer to the picture below.

Figure 2-5 Door Magnetic Wiring

⚠ **Note**

To connect door magnetic, it is required to set the input of one alarm in terminal (ALARM_1, ALARM_2, ALARM_3, or ALARM_4) to be door magnetic with Batch Configuration Tool or iVMS-4200 client software.

Exit Button Wiring
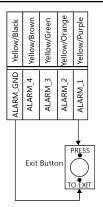
To connect exit button, refer to the picture below.

Figure 2-6 Exit Button Wiring

⚠️ **Note**

To connect exit button, it is required to set the input of one alarm in terminal (ALARM_1, ALARM_2, ALARM_3, or ALARM_4) to be exit button with Batch Configuration Tool or iVMS-4200 client software.

Alarm Device Input Wiring

To connect other alarm devices, refer to the picture below.

Figure 2-7 Alarm Device Input Wiring

⚠ Note

To connect other alarm devices, it is required to set the input of one alarm in terminal (ALARM_1, ALARM_2, ALARM_3, or ALARM_4) to be custom with Batch Configuration Tool or iVMS-4200 client software.

RS-485 Card Reader Wiring
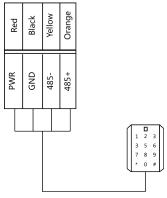
To connect RS-485 card reader, refer to the picture below.

Figure 2-8 RS-485 Card Reader Wiring

3 Installation

3.1 Indoor Station Installation

3.1.1 Installation Accessory Description

The wall mounting plate and the junction box are required to install the indoor station onto the wall.

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

The dimension of wall mounting plate is shown in below.

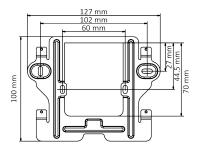**Figure 3-1 Wall Mounting Plate**

3.1.2 Mount Indoor Station

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.

Steps

1. Insert the junction box to the hole chiseled on the wall.
2. Fix the wall mounting plate to the junction box with 2 screws.
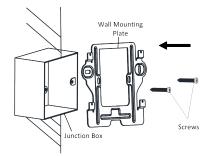
Figure 3-2 Install the Plate

3. 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.
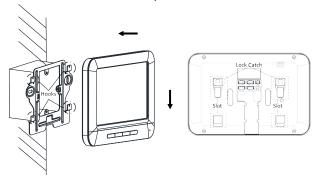

Figure 3-3 Hook the Indoor Station to the Plate

3.2 Door Station Installation

3.2.1 Installation Accessory Description

The gang box is required to install the door station onto the wall.

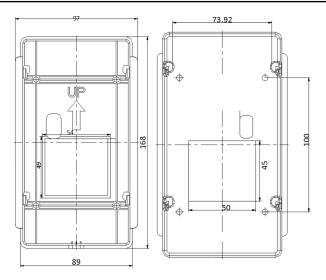The dimension of the gang box should be 89 mm (width) × 168 mm (length) × 38 mm (depth).

Figure 3-4 Gang Box

3.2.2 Mount Door Station

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.

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 90 (width) ×170 (length) × 38 (depth) mm.
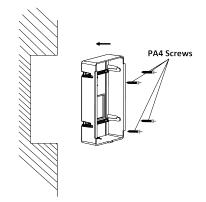3. Insert the gang box into the hole and fix it with 4 PA4 screws, as shown in the figure below.

Figure 3-5 Insert the Gang Box

4. After fixing the gang box, install the door station into the gang box according to the direction of the arrow, as shown in the figure below.
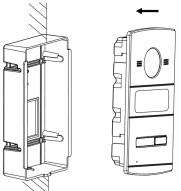

Figure 3-6 Insert the Door Station

5. After inserting the door station into the gang box, pull the device downwards to hook the door station with the gang box.

6. Secure the door station by inserting the fixing screw according to the direction of the arrow of the figure below.

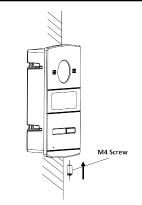**Figure 3-7 Secure the Door Station**

4 Getting Started

4.1 Activate Device via Batch Configuration Tool

You can activate the device via Batch Configuration Tool. When the device is not activated, the basic operation and remote operation of device cannot be performed.

Steps

1. Run the Batch Configuration Tool.

Figure 4-1 Select Inactive Device

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

Figure 4-2 Activation

⚠ **Note**

You can hold **ctrl** or **shift** to select multiple devices in the online devices, and click the **Activate** to activate devices in batch.

3. Create a password, and confirm the password.

⚠ **Note**

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.

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

4.2 Edit Network Parameters

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 **Edit NET Parameters**.

Figure 4-3 Click Edit NET Parameters Button

2. Change the device IP address and gateway address to the same subnet with your computer.

Figure 4-4 Edit Network Parameters

⚠ **Note**

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

3. Enter the password and click **OK** to activate the network parameters modification.

4.3 Adding Device

You should add the device to the batch configuration tool and iVMS-4200 software before you start configuring or operating the device remotely on the software.

You can add the device to the software through 3 ways: Add Activated Online Devices within Your Subnet, Add Device by IP Address, and Add Device by IP Segment.

Here take Add Online Device and Add Device by IP Address via batch configuration tool as example.

4.3.1 Add Online Device

Before You Start

- Make sure you have activated the device.

- Make sure the device to be added is in the same subnet with your computer. Otherwise, you need to edit network parameters first.

Steps

1. Run the software.

2. Select an activated online device in the online device area.

Online Devices: 5		Edit NET Parameters	Reset Password	Activate			
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-XXXXXXXXXXXXXXXXXXXX	Activated	Yes
2	XX-XXXX-XX	10.16.2.114	8000	Vx.x.x build xxxxxx	XX-XXXX-XXXXXXXXXXXXXXXXXXXX	Activated	No
3	XX-XXXX-XX	10.16.2.103	8000	Vx.x.x build xxxxxx	XX-XXXX-XXXXXXXXXXXXXXXXXXXX	Activated	No
4	XX-XXXX-XX	10.16.2.88	8000	Vx.x.x build xxxxxx	XX-XXXX-XXXXXXXXXXXXXXXXXXXX	Activated	No
5	XX-XXXX-XX	10.16.2.222	8000	Vx.x.x build xxxxxx	XX-XXXX-XXXXXXXXXXXXXXXXXXXX	Activated	No

Figure 4-5 Select an Activated Online Device

3.
Click to display **Login** window.

Figure 4-6 Login

4. Enter the user name and the password.

⚠ Note

The password entered here is the password you set when activating the device.

5. Click **OK**.

What to do next

You can configure and operate the device remotely via the client software after adding the device to the client software.

4.3.2 Add Device by IP Address

You can add device to Batch Configuration Tool by IP address.

Before You Start

Make sure you have activated the device.

Steps

1. Run Batch Configuration Tool.

2. Click ![plus icon] on the Device List area.

3. Select **IP Address** as the adding mode.

Figure 4-7 Add Device by IP Address

4. Enter the IP address, the port No., the user name, and the password.

5. Click **OK**.

What to do next

You can configure and operate device remotely after adding the device to Batch Configuration Tool.

4.4 Set Indoor Station

4.4.1 Set Room No.

You can set the indoor station No. via client software remotely. You can dial the Room No. to call the indoor station of the resident.

Before You Start

Make sure you have activated the indoor station, and add it to the client software.

Steps

1. Click **Remote Configuration → ID Configuration** to enter device ID configuration page.

Figure 4-8 Set the Indoor Station Room No.

2. Select the device type as **Indoor Station**, and set the Room No..

3. Click **Save**.

4.4.2 Set Linked Network Parameters

Linked network configuration is a basic setting for the communication among devices.

Before You Start

Make sure you have activated devices, and have modified their default IP address.

Steps

1. Click **Remote Configuration → Network → Linked Network Configuration** to enter the linked network configuration page.

Figure 4-9 Set Linked Network Parameters

2. Enter the IP address of linked devices based on your requirements.

Example

We set the door station IP address as 10.15.3.208, so as to realize the communication between the indoor station and the door station.

3. Click **Save**.

4.5 Set Door Station

4.5.1 Set Call Button

You can set the relationship between the call button No. and the Room No. of the indoor station.

Steps

1. Click **Remote Configuration → Dial** to enter the call button configuration page.

Figure 4-10 Set Call Button

2. Select the button No..
3. Enter Floor No. and Room No..
4. Click the **Save**.

⚠ **Note**

If enabling **Quick Press for Calling Center**, you can hold the call button to call the resident, and quickly press the call button to call the center.

4.6 Add Device to App

You can add indoor station to Hik-Connect app by entering the device serial No..

Steps

1. On the Home screen of App, click add icon.

2. Enter the device serial No., and click **Add**.

3. Enter the device verification code, and click **OK**.

⚠ **Note**

- You can get the serial No. on the **Maintenance** page: **Settings → Maintenance** .

- The admin password of the indoor station is 123456.

- The default device verification code is ABCDEF.

UD07542B-A