Two-Wire Indoor Station

Configuration Guide

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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.

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1 Typical Application

The typical application of the device is shown as below.

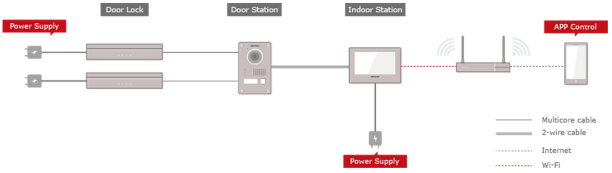

Figure 1-1 Typical Application

Wire the door station to the indoor station with 2-wire cables.

You can activate door station by indoor station.

Set the open duration and other parameters by indoor station.

Refers to the Indoor Station Configuration Guide for details.

2 Local Operation

2.1 Activate Indoor Station

You can only configure and operate the indoor station after creating a password for the device activation.

Steps

1. Power on the device. It will enter the activation page automatically.
2. Create a password and confirm it.
3. Tap **OK** to activate the indoor station.

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 change your password regularly, especially in the high security system, changing the password monthly or weekly can better protect your product.

2.2 Quick Operation

After device activation, the wizard page will pop up.

Steps

1. Choose Language and tap **Next**.
2. Set network parameters and tap **Next**
   - Edit **Local IP**, **Subnet Mask** and **Gateway** parameters.
   - Enable **DHCP**, the device will get network parameters automatically.

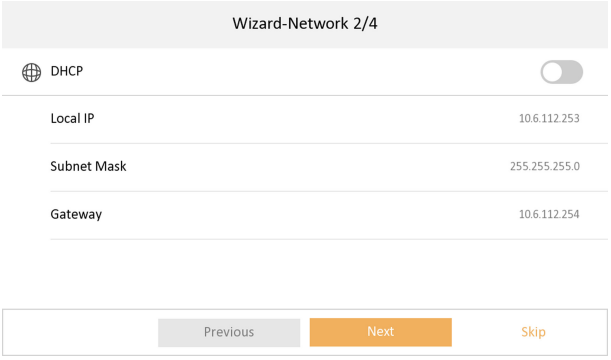

Figure 2-3 Network Parameters

3. Configure the indoor station.

1) Choose **Indoor Station Type**.
2) Edit **Floor** and **Room No.**
3) Tap **Next**.

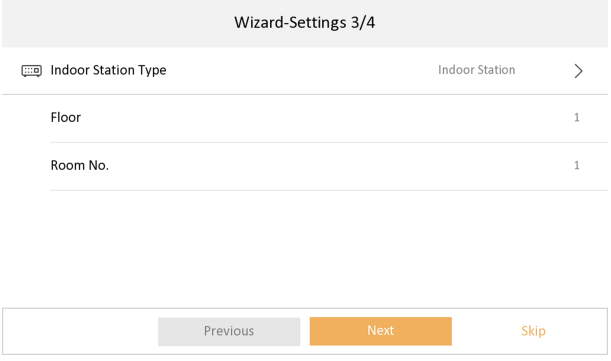

Figure 2-4 Indoor Station Settings

4. Linked related devices and tap **Next**. If the device and the indoor station are in the same LAN, the device will be displayed in the list. Tap the device or enter the serial No. to link.

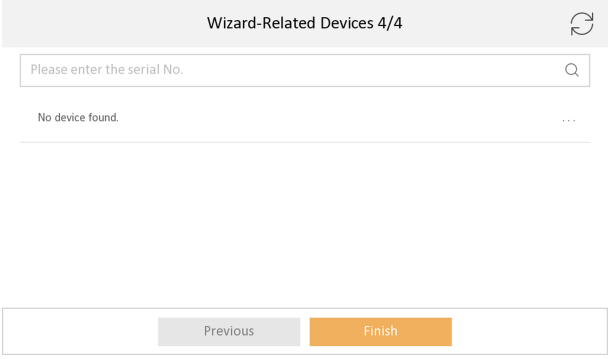

Figure 2-5 Related Device

1) Tap the door station in the list to link.

Note

If the door station is inactive, the system will pop up the dialog to activate the door station.

2) Tap ⚙ to pop up the Network Settings page.
3) Edit the network parameters of the door station manually or enable **DHCP** to get the network parameters automatically.
4) **Optional:** Enable **Synchronize Language** to synchronize the language of door station with indoor station.
5) Tap **OK** to save the settings.

5. Tap **Finish** to save the settings.

2.3 Configuration Settings

Configuration settings is required before starting using the indoor station. It is necessary to set the indoor station network, room No., linked devices, device time display, and so on.

2.3.1 Set Indoor Station Network Parameters

Network connection is mandatory for the use of the indoor station. Set the network parameters after activating the indoor station. Only when the IP address of the

indoor station is in the same network segment as other devices, it can work properly in the same system.

Steps

Note

The default IP address of the indoor station is 192.0.0.64.

Two ways are available for you to set IP address: DHCP, and set IP address manually.

1. Tap **Settings** → → **Configuration** → to enter the network settings page.

   Note

   Enter activate password as the admin password.

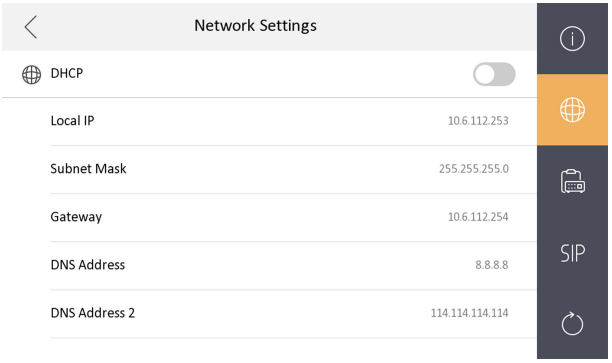

Figure 2-6 Network Settings

2. Enable **DHCP**, then the indoor station can search and get an IP address automatically.

   Note

   Skip the following steps if you have enabled DHCP.

3. Set the IP address manually.
4. Tap to select the **NIC Type**.

2.3.2 Set Linked Device IP

Linked network parameters refers to the network parameters of devices (like door station, doorphone, master station, center, etc.), to which the indoor station is

linked. Linked devices for the indoor station refers to door station, center, master station, and doorphone.

With the private SIP protocol, intercom can be realized only when all these devices are in the same network segment with the indoor station.

With the standard SIP protocol, intercom can be realized when all these devices support the standard SIP protocol.

Steps

Note

- The doorphone does not support adding with the standard SIP protocol.
- Here take door station network settings as example.

1. Tap **Settings** → → **Configuration** → to enter the device management page.

   Note

   Default admin password is the activation password.

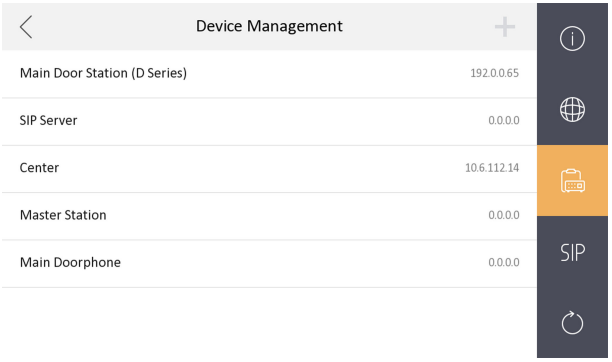

Figure 2-7 Device Management (Private SIP)

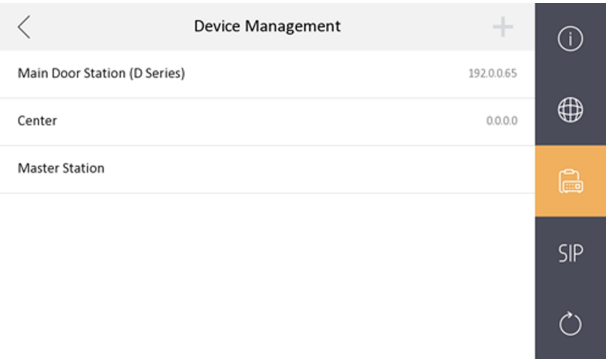

Figure 2-8 Device Management (Standard SIP)

2. Tap **Main Door Station** to pop up the device information dialog.

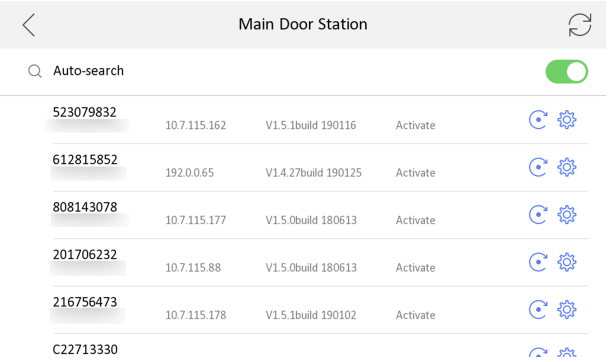

Figure 2-9 Device Information

Restore the door station via indoor station.	Tap to restore the parameters of the door station.
Modify the IP address of the linked door station.	Tap to modify the IP address of door station.

3. Select the device to link. Edit the network parameters.

2.3.3 Set Indoor Station No.

Indoor station No. and the indoor extension No. are numbers, which can be dialed by other devices to call the indoor station and the indoor extension in an intercom system. The indoor station No., is composed of the floor No. and the room No.

The indoor extension No. Should be a numeric from 1 to 5.

Up to 5 indoor extensions can be set for 1 indoor station.

Steps

1. Tap **Settings** → → **Configuration** → to enter the indoor station No. settings page.

   Note

   Default admin password is the activation password.

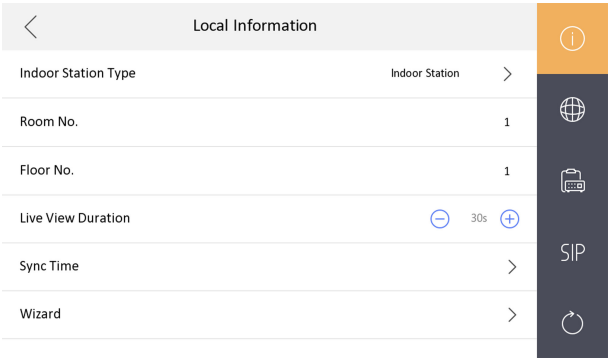

Figure 2-10 Set Indoor Station No.

2. Select **Indoor Station** to set the indoor station No. (Room No.) and the floor No.
3. Select **Indoor Extension** to set the indoor extension No. and the room name.

2.4 Door Settings

Steps

1. Tap **Settings** → → **Door Settings** to enter the settings page.
2. Enable **Door No. 1** or **Door No. 2** according to your needs.
3. Set the **Open Duration** for the door.

Note

Open duration ranges from 1 to 5 seconds.

2.5 Sound Settings

You can set the ringtone, ring duration, call forwarding time, volume of microphone and loudspeaker, enable/disable touch sound and auto-answer function on call settings page.

Steps

1. Tap **Settings** → to enter the call settings page.

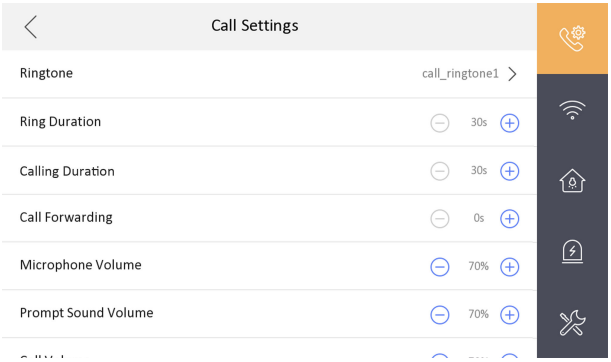

Figure 2-11 Call Settings

2. Set corresponding parameters.

Ringtone

There are 3 ringtones by default, and you can custom and import at most 4 ringtones via Batch Configuration Tool or iVMS-4200 Client Software.

Ringtone Duration: The maximum duration of indoor station when it is called without being accepted. Ringtone duration ranges from 30 s to 60 s.

Call Forwarding

The ring duration limit beyond which the call is automatically forwarded to the mobile phone designated by the resident. Call forwarding ranges from 0 s to 20 s.

Calling Duration

The call will end automatically when the actual calling duration is longer than the configured one. Calling duration ranges from 30 s to 60 s.

Auto-answer

After enabling the auto-answer function, the visitor can leave the voice message to the indoor station from the door station, the master station, or the client software automatically.

Note

Indoor Extension does not support the ring duration settings, call forwarding settings, or auto-answer function.

2.6 Restore Indoor Station

Steps

1. Tap **Settings** → → **Configuration** → to enter the restore default settings page.

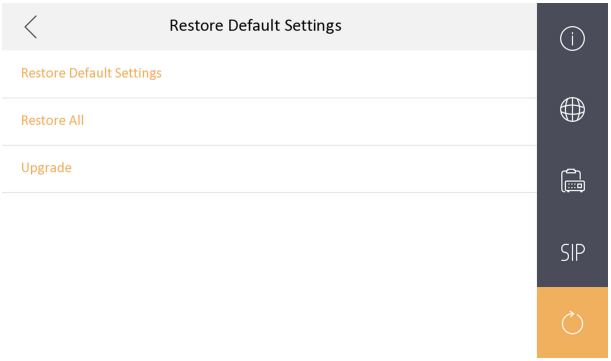

Figure 2-12 Restore Default Settings

2. Tap **Restore Default Settings** to restore the default settings and reboot the system.
3. Tap **Restore All** to restore all parameters and reboot the system.

2.7 System Maintenance

You can format or install TF card, clear the screen, view the version information of the indoor station and reboot the system on the system maintenance page.

Tap **Settings** → to enter the system maintenance page.

Clear Screen

Enable **Clear Screen** to clear the screen.

Note

- After enabling Clear Screen function, press and hold the Unlock key to exit the clear screen mode.
- The device without unlock key will exit the clear screen mode automatically when the time is out.

Reboot Device

Tap **Reboot Device** to reboot the system.

Language

Tap **System Language** to change the system language.

Note

The indoor station supports 11 languages.

Brightness Adjustment

Tap **+** or **-** to adjust the brightness.

Upgrade Device

Tap **Configuration** → to enter the restore default settings page.

Tap **Upgrade** to get the upgrade package.

Do Not Disturb

Tap **Settings** → to enter the call settings page.

Tap **Do Not Disturb** to choose **Close**, **All Day** or **Schedule**.

Note

If you choose the **Schedule**, you should set the start time and end time.

2.8 Linked to the Mobile Client

Steps

1. Tap **Settings** → → **Hik-Connect Service** to enter the settings page.

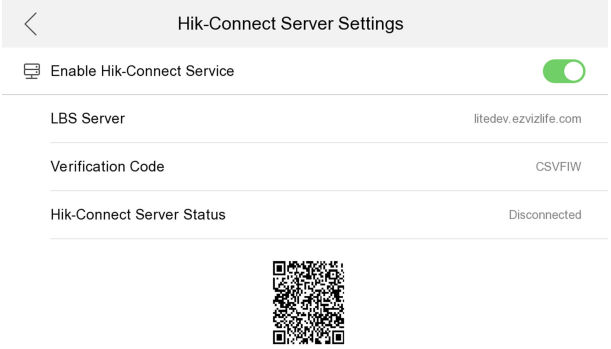

Figure 2-13 Hik-Connect Server Settings

2. Enable **Enable Hik-Connect Service**.
3. Edit **LBS Server** and **Verification Code**.

   Note

   Verification code is used to add the device to mobile client.

4. **Optional:** Scan QR code on the screen to add the device to the mobile client.

A. Communication Matrix and Device Command

Communication Matrix

Scan the following QR code to get the device communication matrix.

Note that the matrix contains all communication ports of Hikvision access control and video intercom devices.

Figure A-1 QR Code of Communication Matrix

Device Command

Scan the following QR code to get the device common serial port commands.

Note that the command list contains all commonly used serial ports commands for all Hikvision access control and video intercom devices.

Figure A-2 Device Command

See Far, Go Further

UD18385B