

SIP Video Door Phone

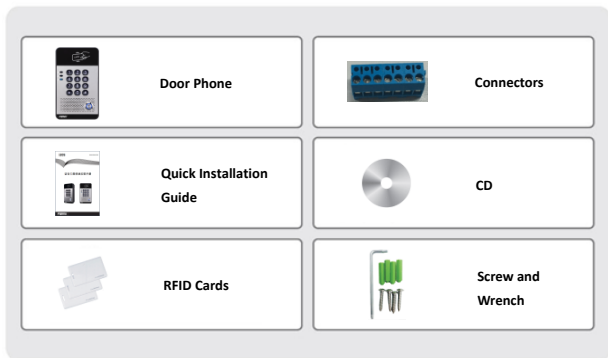
Quick Installation Guide



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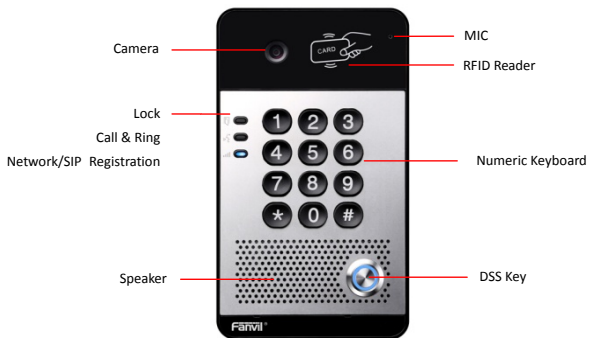
1. Package Contents



2. Physical Specifications

Device size	160 x 93 x 35 mm
Weight	330g

1) Front Panel






Interface	Description
Speaker	The door phone has a built-in speaker for convenient communication and alert use.
MIC	The door phone has a built-in microphone hidden in the pinhole located on the front panel.
RFID Reader	Use RFID cards to unlock the door by touching RFID reader of device.

Button Definition

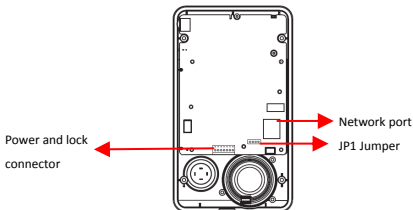
Button	Description
DSS Key	Press the button, to make a call or request to open the door.
Numeric Keyboard	Input password to open the door or make a call.

LED Definition

LED	Status	Description
 Lock	Steady blue	Door unlocking
	off	Door locking
 Call & Ring	Blinks per second	Call holding or ringing
	off	On hook
	Blinks every 3 seconds	Device in the issuing state
	Steady blue	Online talking
 Network & SIP Registration	Blinks per second	Network error
	off	Network is normal, SIP is not registered
	Blinks every 3 seconds	SIP Registration failed
	Steady blue	SIP Registration succeeded

2) Port Definition

After removing the Back Panel of i30, there are one terminal block connectors for power and lock control connection as shown in the picture below.



Network Connector



Power and Electric-lock Connectors



1	2	3	4	5	6	7
+DC12V	VSS	NC	COM	NO	S-IN	S-OUT
12V DC Input		Electric-lock switch			Indoor switch	

JP1 Jumper

There are two modes for power supply of electric-lock as shown in the picture below.

(The default is “**Active Mode**”).

Passive Mode: When the electric-lock starting current is more than 12V/700mA, i30 needs to use the external drive mode, the electric lock interface with short circuit output control.

Active Mode : When the electric-lock starting current is less than 12V/700mA, i30 can use the internal drive mode, the electric lock interface with 12V DC output.



Wiring instructions

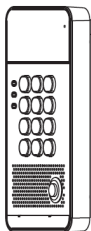
NO: Normally open contact

COM: Relay contact

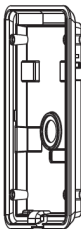
NC: Normally closed contact

Driving Mode		Electric-lock Mode		JP1 Jumper	Connections
Active	Passive	No electricity when open	Electrify when open		
✓		✓		Active Mode 1/2/3/4	<p>Electric-lock (No electricity when open the door)</p>
✓			✓	Active Mode 1/2/3/4	<p>Electric-lock (When the power to open the door)</p>
	✓	✓		Passive Mode 1/2/3/4	<p>Electric lock (No electricity when open the door)</p>
	✓		✓	Passive Mode 1/2/3/4	<p>Electric lock (When the power to open the door)</p>
	✓	✓		Passive Mode 1/2/3/4	<p>Electric lock (Without power to open the door)</p>

3. Installation



Main Part of Intercom



Back Panel



Wall-mounted Shell

Figure 1 Three Major Parts of i30

Step 1: Installation preparation

A. Check the following contents:

- Hex wrench x 1
- RJ45 plugs x 2 (1 spare)
- KA4 x 25mm screws x 4
- 25mm screw anchors x4

B. Tools that may be required:

- Hex wrench
- Phillips screwdriver (Ph2 or Ph3), hammer, RJ45 crimper
- Electric impact drill with an 6mm drill bit

Step 2: Drilling

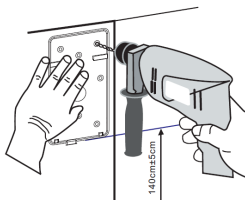


Figure 2 Wall Mounting

- Place the mounting template with dimensions on the surface of a wall in a desired flat position.
- Use an electric drill to drill the 4 holes marked on the mounting template. It is recommended to drill about 30mm deep. Remove the template when you finished drilling.
- Push or hammer screw anchors into the drilled holes.

Step 3: Removing hanging shell

- Remove the hanging shell as shown in Figure 3 and Figure 4.



Figure 3

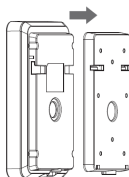


Figure 4

B. With Phillips screwdriver, unpack the back panel and the main part of intercom as shown in Figure 5.

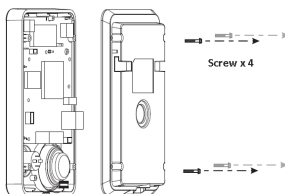


Figure 5

Step 4: Hanging shell fixing and cabling

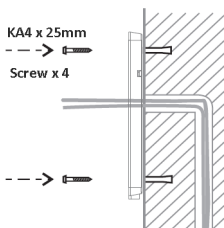


Figure 6

A. Select the hole for cable supply; cable length of 15cm to 20cm is recommended.

B. With 4 KA4 x 25mm screws, tighten the wall-mounted shell as shown in Figure 6.

Step 5: Connection line

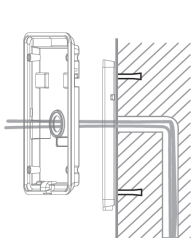


Figure 7

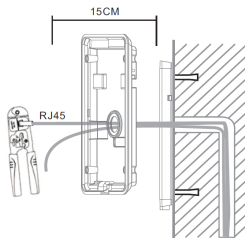


Figure 8

A. Select the hole for cable supply.

B. Connect the cables of RJ45, power, and electric-lock to the motherboard socket as mentioned in connectors description (refer to Section 2).

C. Test whether there is electricity by doing the following:

Press the # button for 3 seconds to get the IP address of intercom by voice.

Input access password or press the indoor switch to check electric-lock installation.

Note: Do not proceed mounting until you have finished the electric checking.

Step 6: Mounting

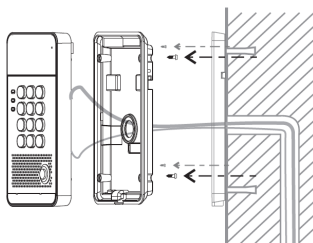


Figure 9

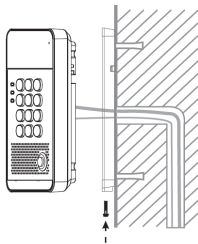


Figure 10

A. Use the 4 screws to tighten the main part of intercom on the back panel as shown in Figure 9.

B. Push the device into the wall-mounted shell and tighten it with 1 screw as shown in Figure 10.

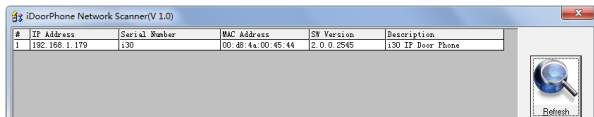
C. Make sure the screws have been tightened properly for better waterproof effect.

4. Searching Door Phone

There are two methods as shown below to search the i30.

Method 1:

Open the iDoorPhone Network Scanner. Press the Refresh button to search the i30 and find the IP address.



Method 2:

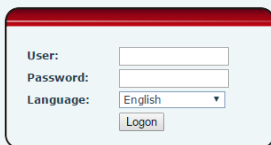
Press and hold the “#” key for 3 seconds and the door phone will report the IP address by voice.



Default Setting	
Default DHCP Client	On
Static IP Address	192.168.1.179
Default Web Port	80
Default Login User Name	admin
Default Login Password	admin
Display IP Address	Hold # for 3 seconds to display by voice
Search Tools	iDoorPhone Network Scanner

5. SIP Door Phone Setting

Step 1: Login the homepage of the i30.

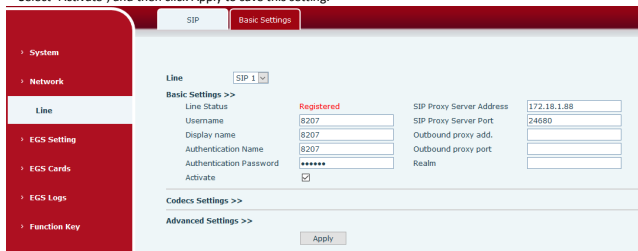


A login form with a red header bar. It contains three input fields: 'User:', 'Password:', and 'Language:'. The 'Language:' field is a dropdown menu currently showing 'English'. Below the fields is a 'Logon' button.

Step 2: Add the SIP account.

Set SIP server address, port, user name, password and SIP user with assigned SIP account parameters.

Select "Activate", and then click Apply to save this setting.



The screenshot shows the 'SIP' configuration page with the 'Basic Settings' tab selected. On the left is a navigation menu with options: System, Network, Line, EGS Setting, EGS Cards, EGS Logs, and Function Key. The 'Line' section is expanded, showing 'SIP 1' as the selected line.

Basic Settings >>

Line	SIP 1		
Line Status	Registered	SIP Proxy Server Address	172.18.1.88
Username	8207	SIP Proxy Server Port	24680
Display name	8207	Outbound proxy add.	
Authentication Name	8207	Outbound proxy port	
Authentication Password	*****	Realm	
Activate	<input checked="" type="checkbox"/>		

Codecs Settings >>

Advanced Settings >>

Apply

Step 3: Setting DSS key

Set the DSS key as shown below for speed dialing. Click "Apply" to save this setting.

Type: Hot Key

Number 1: The DSS key will dial to this Number 1.

Number 2: If Number 1 is unavailable, it will be forwarded to Number 2.

Line: Working line

Subtype: Speed dial

System

Network

Line

EGS Setting

EGS Cards

EGS Logs

Function Key

Function Key Settings

Key	Type	Number 1	Number 2	Line	Subtype
DSS Key 1	Hot Key	6005		SIP1	Speed Dial
DSS Key 2	None			SIP1	Speed Dial
DSS Key 3	None			SIP1	Speed Dial
DSS Key 4	None			SIP1	Speed Dial

Apply

Step 4: Door Phone Setting

System

Network

Line

EGS Setting

EGS Cards

EGS Logs

Function Key

Features

Audio

MCAST

Action URL

Time/Date

Apply

Advanced Settings >>

Switch ModeMonostable

Switch-On Duration5 (1~600)Second(s)

Remote Password*

Descriptionx205 IP Door Phone

Hot Key Dial Mode SelectMain-Secondary

Day Start Time06:00 (00:00~23:59)

Address of Open Log Server0.0.0.0

Enable Open Log ServerDisable

Enable Card ReaderEnable

Door Unlock IndicationLong Beeps

Keypad ModeDial and Password

Talk Duration120 (20~600)Second(s)

Local password****

Enable Access TableEnable

Call Switched Time16 (5~50)Second(s)

Day End Time18:00 (00:00~23:59)

Port of Open Log Server514

Enable Indoor OpenEnable

Limit Talk DurationEnable

Remote Code Check Length4 (1~6)

Apply

6. Door Unlocking Setting

Local

1) Local Password

Step 1: Go to **Advanced Settings** → set **Local Password** (The default is "6789").

Step 2: Use the device's **Numeric Keyboard** to input **password** and **"#"** key, and then the door will be unlocked.

The screenshot shows the 'Advanced Settings' page with a sidebar on the left containing 'System', 'Network', 'Line', 'EGS Setting', 'EGS Cards', 'EGS Logs', and 'Function Key'. The 'EGS Setting' tab is selected. The 'Advanced Settings >>' section contains various configuration options. The 'Local password' field, located under 'Keypad Mode', is highlighted with a red rectangle. It is currently set to '****'. Other visible settings include 'Switch Mode' (Monostable), 'Switch-On Duration' (5 seconds), 'Remote Password' (*), 'Description' (205 IP Door Phone), 'Hot Key Dial Mode Select' (Main-Secondary), 'Day Start Time' (06:00), 'Address of Open Log Server' (0.0.0.0), 'Enable Open Log Server' (Disable), 'Enable Card Reader' (Enable), 'Door Unlock Indication' (Long Beeps), 'Keypad Mode' (Dial and Password), 'Talk Duration' (120 seconds), 'Local password' (****), 'Enable Access Table' (Enable), 'Call Switched Time' (16 seconds), 'Day End Time' (18:00), 'Port of Open Log Server' (514), 'Enable Indoor Open' (Enable), 'Limit Talk Duration' (Enable), and 'Remote Code Check Length' (4).

2) Private Access Code

Step 1: Go to **EGS ACCESS** → Enable **Local Authentication** and set access code.

Step 2: Use the device's **Numeric Keyboard** to input **password** and **"#"** key, and then the door will be unlocked.

The screenshot shows the 'EGS ACCESS' page. The 'Import Access Table' section has a 'Select File' field and a 'Browse' button. The 'Access Table' section displays a table with the following data:

<input type="checkbox"/>	Index	Name	ID	Department	Position	Location	Number	Fwd Number	Access Code	Double Auth	Access by Call	Access by Psw	Profile	Type
<input checked="" type="checkbox"/>	1	Hugo							223222	Disable	Disable	Enable	None	Guest

Below the table, there are buttons for 'Total: 1', 'Prev', 'Page: 1', 'Next', 'Delete', and 'Delete All'. The 'Add Access Rule' section contains the following fields:

- Name: Hugo
- ID: [empty]
- Department: [empty]
- Position: [empty]
- Access Code: 223222
- Access Code Action: For Local Auth
- Double Auth: Disable
- Type: Guest
- Profile: None
- Location: [empty]
- Number: [empty]
- Fwd Number: [empty]

Remote

Remote Password

Step 1: Go to **Advanced Settings** → Set **Remote Password** (The default is “**”).

Step 2: To answer the call made by visitor via SIP phone, press the “**” key to unlock the door for the visitor.

Advanced Settings >>

Switch Mode	Monostable	Keypad Mode	Dial and Password
Switch-On Duration	5 (1~600)Second(s)	Talk Duration	120 (20~600)Second(s)
Remote Password			
Description	i20S IP Door Phone		Local password
Hot Key Dial Mode Select	Main-Secondary	Enable Access Table	Enable
Call Start Time	06:00 (00:00~23:59)	Call Switched Time	16 (5~50)Second(s)
Call End Time	18:00 (00:00~23:59)		

RFID Card

Step 1: Go to **EGS Cards** → enter the ID of RFID card (Only front 10 digits → press **Add** button to add it to Door Card Table.

Step 2: Use pre-assigned RFID cards to unlock the door by touching RFID area of device.

Import Door Card Table

Select File Browse (doorCard.csv) Update

Door Card Table >>

Add Door Card Add [Click here to Save Door Card Table](#)

<input type="checkbox"/>	Index	Name	ID	Issuing Date	Card State
<input type="checkbox"/>	1		0003477117	2016/09/14 11:34:01	Enable
<input type="checkbox"/>	2		0003408920	2016/09/14 11:34:07	Enable

Total: 2 Prev Page: 1 Next

Fänvil