

i503W Indoor Station

Quick Installation Guide

Foreword

This guide introduces the installation, operation and features of the indoor station (hereinafter referred to as "the Station"). Please read carefully before using the Station, and keep the guide for future reference.

Symbol Conventions

The symbols that might be found in this guide are defined as follows.

Symbol	Description
DANGER	Indicates a hazardous situation that, if not avoided, will result in death or serious injury.
WARNING	Indicates a medium or low potential hazard which, if not avoided, could result in slight or moderate injury.
CAUTION	Indicates a potentially hazardous situation which, if not avoided, could result in property damage, data loss, performance degradation, or unexpected results.
TIP	Provides methods to help you solve a problem or save time.
NOTE	Provides additional information as a supplement to the text.

About the Guide

- The guide is for reference only. Slight differences might be found between the guide and the Station.
- We are not liable for losses incurred due to operating the Station in ways that are not in compliance with the guide.
- If there is any uncertainty or controversy, we reserve the right of final explanation.

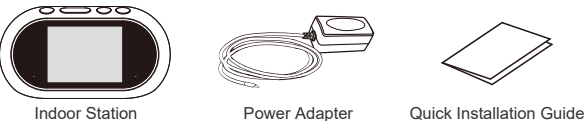
1. Overview

The Station is a compact indoor device with a 2.8-inch IPS color display. It supports battery powered operation, remote door unlocking, and home broadcasting for simple, secure, and efficient communication in homes and offices.

2. Packing List

Please ensure that all items listed below are included in the package and in good condition. If anything is missing, contact your dealer or service provider.

Figure 2-1 Packing list



3. Dimensions

Figure 3-1 Product dimensions (mm [inch])



4. Appearance

Product color might vary.
Please refer to the actual product.

Figure 4-1 Front view



5. Power Supply

The Station can operate on battery alone or with both battery and the 5 VDC, 2 A power adapter.

WARNING

- Please use the original battery provided by the manufacturer.
- Check the battery for any abnormalities before use.
- Replacing incorrect battery types might cause short circuit and result in fire.
- Dispose of the battery according to local regulations and recycling guidelines.

6. Getting Started

6.1 Powering On

Procedure

- Insert the battery into the Station.
- (Optional) Connect the power adapter to the Station.
- Press and hold until the Station is powered on.

6.2 Physical Buttons

The Station is equipped with 5 physical buttons. When it is powered on, the screen will display the illustration of the first button. Press any button to view the remaining 4 buttons.

Table 6-1 Description of physical buttons

No.	Icons	Description
1		Power on/off: Press and hold for 3 seconds to power on or power off the Station. Press and hold for 10 seconds to restart the Station. Reject call: Press to reject an incoming call.
2		Press to enable the DND mode; press again to exit the DND mode.

3		Press to call all indoor stations.
4		Press to unlock the door.
5		Answer: Press to answer an incoming call. Hang up: Press to hang up the current call.

6.3 Selecting Language and Time Zone

You can select the language and time zone for the Station. After completing the configuration, the screen will display **Config OK!**.

6.4 Configuring Network Settings

Network configuration is required before the Station can be used. A QR code for Wi-Fi connection will be displayed on the screen when you have completed the button overview.

Procedure

- Open the camera or the QR code scanner on your mobile phone, and then point it to the QR code on the Station.
When the QR code is recognized, the phone will prompt **Join WLAN Network "i503W_xxxxxx"?**.
- Tap the prompt, and then tap **Join**.

NOTE

You can also go to **Settings > WLAN > i503W_xxxxxx** to configure Wi-Fi on your mobile phone.

- Select the Wi-Fi you want to connect to, enter the SSID and password, and then tap **Confirm**.
The Station displays **Connecting**. After a few seconds, the Station displays **Connect Success**.

6.5 Device Discovery

The Station can automatically discover other indoor stations and door phones, which can be bound to the Fanvil Link App. Select these devices, and then press **Next** to enter the app download screen.

NOTE

Ensure that these devices are powered on and on the same network segment as the Station.

Figure 6-1 Networking interface

<

>

Log In to Captive WLAN

Cancel

i503W

Wi-Fi Configuration

Network Setup

Manually configure

Wi-Fi Name

••••••••

🔍

WPA/WPA2-PSK

🔍

Confirm

6.6 Downloading and Registering Fanvil Link App

Procedure

1. Open the camera or the QR code scanner on your mobile phone, and then scan the QR code on the Station to download the Fanvil Link App.

NOTE

You can also download the app from App Store, Google Play, or the Fanvil official website.

2. Open the app, and then tap  on the home screen to scan the QR code on the Station.
The app will display the account registration screen.
3. Register with your phone number or email address, and then set the login password.
4. Log in to the app.
The discovered devices will display in the app.

7. Web Configuration

7.1 Retrieving IP Address

You can retrieve the IP address of the Station in the following two ways.

On the Station

After the Station is powered on, press , and then select **Network** to check its IP address (e.g., 192.168.1.100).

IP Scanner

You can use the IP scanner tool (**Device Manager**) to retrieve the Station's IP address.

Procedure

1. Go to our official website <https://fanvil.com>, and then select **Support > Download Center > Tools > IP Scanner**.
2. Click  to download the latest version of the tool.
3. Open the tool, and then you will see the IP address, model, and version information of the Station.

7.2 Logging in to the Web page

Procedure

1. Enter the IP address of the Station in the browser address bar, and then press the Enter key.
2. Enter username and password on the login page, select the language, and then click **Login**.

Figure 7-1 Login

User:

admin

Password:

•••••

Language:

English

🔍

Login

NOTE

- Ensure that the computer and the Station are on the same network segment.
- Click the checkbox on the right to synchronize the set language to the Station.
- The default username and password are both **admin**.

7.3 Parameters Configuration

7.3.1 Configuring SIP

Procedure

1. Log in to the Station's web page, and then select **Line > SIP**.
2. Configure the SIP parameters.

Figure 7-2 SIP configuration

System

Network

Line

Phone settings

Library

Phonebook

Call logs

Function Key

Application

Security

Device Log

SIP

Dial Plan

Action Plan

Basic Settings

Hotspot Managed Extension

Line

SIP1

Register Settings >>

Line Status: Inactive

Username: 1234

Display name: i503W

Realm:

Activate: ☒

Authentication User: 1234

Authentication Password: ••••••••

Server Name:

SIP Server 1:

Server Address:

Server Port: 5060

Transport Protocol: UDP

Registration Expiration: 3600 second(s)

Proxy Server Address: 172.18.3.371

Proxy Server Port: 5060

Proxy User:

Proxy Password:

SIP Server 2:

Server Address:

Server Port: 5060

Transport Protocol: UDP

Registration Expiration: 3600 second(s)

Backup Proxy Server Address:

Backup Proxy Server Port: 5060

Table 7-1 Parameter description of SIP

No.	Parameters	Description
1	Username	The SIP number.
2	Display name	The name displayed on the Station when calls or answers.
3	Activate	Select the checkbox to enable the SIP function.
4	Authentication User	Same as Username .
5	Authentication Password	The password of the SIP number.
6	Server Address	The IP address of the SIP server.

3. Click **Apply**.

7.3.2 Configuring Door Phone

You can configure the door phone for communication and door unlocking.

Procedure

1. On the Station's web page, select **Application > Doorphone Settings**.
2. Click **Add** to add a door phone.
3. Configure the parameters of the door phone in the pop-up box.

Figure 7-3 Door phone configuration

System

Network

Line

Phone settings

Phonebook

Call logs

Function Key

Application

Security

Device Log

Doorphone Settings

Manage Recording

Previous

Page: 1

Next

Add

Cancel

Delete All

18

Entries per page

Add

Title: Door Phone

Number: 4321

Access Code: ••••

Password: ••••

Line: SIP1

OK

Cancel

Table 7-2 Parameter description of door phone

Parameters	Description
Title	The model of the door phone.
Number	The SIP number of the door phone.
Access Code	The access code for door unlocking (the Station as the caller).
Password	The password for door unlocking (the Station as the receiver).
Line	Select the same SIP line as the Station from the drop-down list.

4. Click **OK**.

NOTE: 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

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Warning Statements:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment shall be installed and operated with minimum distance 20cm between the radiator & body.

For USA: The frequency stability of all transmission frequencies of U-NII-1, U-NII 2A, U-NII 2C and U-NII-3 meets the requirements of 47 CFR FCC Part15.407(g), and the manufacturer declares that their transmission is maintained at Band U-NII-1, U-NII 2A, U-NII 2C and U-NII-3.

Warning: When used close to the human body, such as holding in hand or carrying in an outer jacket pocket, there may be a relatively high level of radiation.

Responsible Party:

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