Fanvil

i51W&i52W&i53W

Indoor Station
Quick Installation Guide

i51W

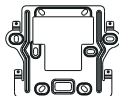**i53W**

❶ Package Contents

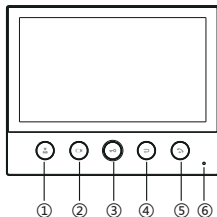|		
Indoor Station	Quick Installation Guide	Wall-mount Bracket
10 pin Cable*1	4 pin Cable*1	2 pin Cable*1
TA4*30mm Screw*2	PM4*16mm Screw*2	Screw fixing seat*2

❷ Physical specification

Model	LCD	PoE	Wi-Fi (2.4G)	RS-485	Dimension
i51W	4.3″	√	√	√	163x104x26mm
i52W	7″	√	√	√	176x140x26mm
i53W	7″ Touch Screen	√	√	√	176x140x26.5mm

❸ Product appearance description

1) Front Panel

① ② ③ ④ ⑤ ⑥

No.	Description	No.	Description
1	Management Center Key	4	Return / Hang up key
2	Monitor key	5	Answer key
3	Unlock Key	6	Microphone

2) Rear Panel
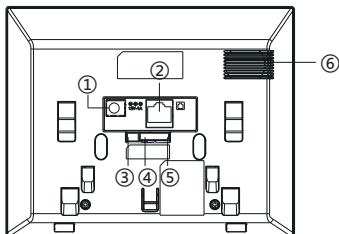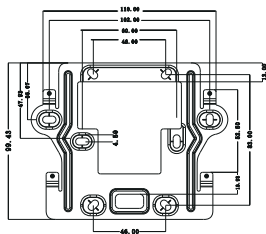

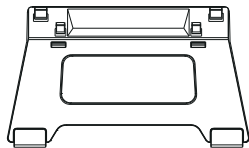| No.	Description	Interface
1	DC Power interface：12V/1A input.	
2	Ethernet interface: standard RJ45 interface, 10/100M adaptive, it is recommended to use CAT5 or CAT5E network cable.	
3	Industrial power interface.	
4	1 set of RS485 interface: can be connected to card reader, sensor etc.	
5	8 sets of alarm input interfaces: input devices for connecting switches, infrared sensor, door sensor, vibration sensors etc.	
6	Speaker	

3) External device connection diagram

Switch — WAN port

Door magnetic switch

or

Infrared sensor — Input Port

Vibration sensor

or

Emergency key — Input Port
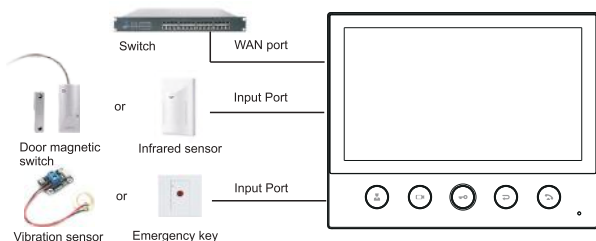
❹ **Installation Diagram（two models）**
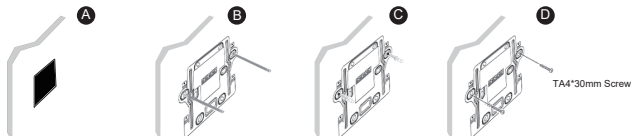

Wall bracket

Desktop bracket（Buy independently）

**Model 1. Wall-mounted Installation**

Step 1. Install wall bracket

Without 86 embedded box in the wall

A. According to the position of the cable in the wall, dig out a square hole (height*width*depth=58.5*60*50mm) that can accommodate all cables.

B. Align the square hole of the wall bracket with the hole digged out before, then mark the two fixation holes through bracket on the wall.

C. Take down the bracket, using an electric drill to make the two fixation holes on the wall,then insert the two screw fixing seats provided.

D. Fix the wall bracket on the wall with two TA4*30 screws.

A   B   C   D

TA4*30mm Screw

With 86 embedded box or Dual gang box in the wall
A. Make sure all cables in the embedded box .
B. Fix the wall bracket on the 86 embedded box with two PM4*16mm screws.
C. Fix bracket to Dual Gang Box with 4 PM3.3*20.5mm screws

PM4*16mm Screw

PM3.3*20.5mm Screw
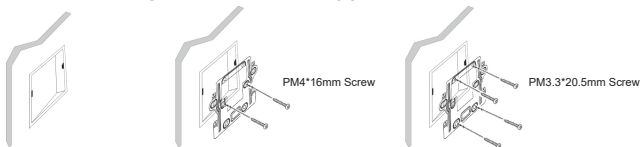
Step 2. Connect peripherals
A. If you need to connect other input and output devices, please connect to the host through the cable.
Step 3. Power on the device. If it is working properly, align the slot on the rear side of the panel with the pin on the wall bracket and slide the host down to complete the installation.
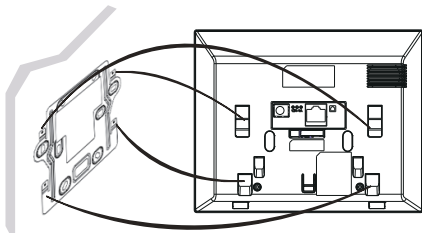
Model 2.Desktop Installation
Align the slot on the rear side of the panel with the pin on the desktop bracket and slide the bracket up to complete the installation.

❺ Searching IP address

There are two methods as shown below to search the device. The default WAN mode is DHCP.
Method 1:
Open the iDoorPhone Network Scanner, click the Refresh button to search the device and find the IP address.
(Download address http://download.fanvil.com/tool/iDoorPhoneNetworkScanner.exe)

Method 2:
i51W&i52W:
After booting, long press the unlock key to enter the menu,
click "System Message" --- "Network".

i53W :
After booting, "Menu"--- "Status".

❻ IP Indoor Station Setting

Step 1: Log in the web setting page of Indoor Station
Input IP address of indoor station (e.g. http://172.18.70.55) into the address bar of PC's web browser.
The default user name and password are both admin.

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.

Step 3： **Feature Setting**

Step 4： **Unlock Setting**
Function Key--- Set unlock key type to "DTMF", and value is the password to open the correct access control device.

❼ Local Operation

Answer/hang up calls
When the door phone calls the indoor station, click the ☎ key to answer the call, and click the ☎ key to hang up the call.

Unlock the door
During the call of indoor station and door phone, click the ☎ key to unlock the door.

Turn on/off the monitoring
Click the ☎ key on the indoor station to check the monitoring screen, and click the ☎ key to exit. (Only support for the communication with video door phone)

Call management center
Click the ☎ key on the indoor station to call the management center, and click the ☎ key to cancel the call.

FCC Statement

This device complies with Part 15 of 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.

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 residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if it is not installed and used in accordance with the instruction manual, it 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.

Warning: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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