

i62-2 Wire & i64-2 Wire Quick Installation Guide

Foreword

This guide introduces the installation of the door phone (hereinafter referred to as "the Device"). Please read carefully before using the Device, and keep the guide for future reference.

Symbol Conventions

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

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

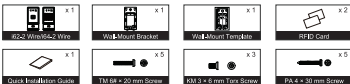
About the Guide

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

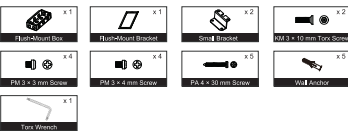
1. Packing List

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 1-1 Packing list

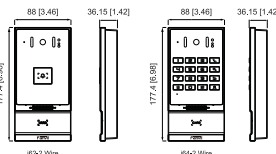


Flush-Mount Accessories(Optional)



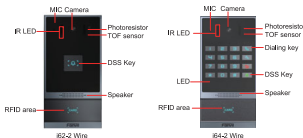
2. Dimensions

Figure 2-1 Dimensions (mm [inch])



3. Appearance

Figure 3-1 Front view



4. Wiring

4.1 Interface Description

Figure 4-1 Interface diagram

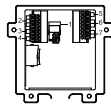


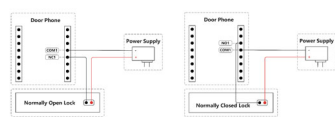
Table 4-1 Interface description

Serial Number	Description
1	PLC 2-Wire Interface: Supports data communication and power transmission over 2-wire cable. Recommended cable: RVV 2x0.75mm² or equivalent.
2	2 sets of short-circuit inputs for connecting exit button, door contact, IR sensor, and other input devices.
3	Wiegand interface.
4	RS-485 interface.
5	Power supply output interface, 12 VDC, 0.5 A.
6&7	2 sets of relay outputs for controlling electric locks, alarm lights, etc.

4.2 Wiring

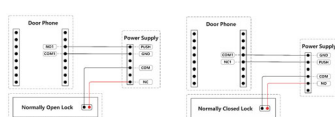
- **Fail-safe lock:** The lock unlocks when the electricity is interrupted. 12 V output or power supply unit (PSU) is supported.

Figure 4-2 Fail-safe lock wiring



- **Fail-secure lock:** The lock remains locked when the electricity is interrupted. 12 V output or PSU is supported.

Figure 4-3 Fail-secure lock wiring



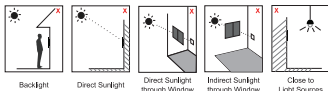
5. Installation

The Device supports wall mounting and flush mounting. *Before You Start.* Read the installation requirements and prepare the necessary tools.

5.1 Installation Requirements

- **Environment**
 - Do not install the Device in areas subject to condensation, high temperatures, oil mist, heavy dust, or chemical corrosion.
 - Prevent the Device from strong vibration, impact, or collision to avoid damage to internal precision components and the enclosure.
 - Install the Device at eye level for horizontal viewing. The recommended mounting height is 140 cm (from the lens to the ground).
- **Lighting condition**
 - Install the Device in a sheltered area and avoid direct sunlight.
 - Install the Device in an environment with uniform lighting to ensure consistent illumination across the face recognition area.
 - When installed indoors, keep the Device at least 2 meters away from light sources and at least 3 meters away from doors or windows. Do not expose the camera to backlight, strong oblique light, or direct close-range illumination.

Figure 5-1 Not recommended lighting conditions



• Electrical safety

⚠ CAUTION

- If any abnormality occurs after powering on, immediately disconnect the power supply. Do not reconnect power until the fault has been resolved.
- In case of unexpected power interruption, refer to the Troubleshooting for a step-by-step inspection. If the cause remains unconfirmed, contact an authorized distributor or technical support.
- **Do not attempt to disassemble or repair the Device yourself.**
- Keep RFID cards clean and dry. Avoid exposure to magnetic fields, moisture, or physical bending to prevent damage.

5.2 Wall Mounting

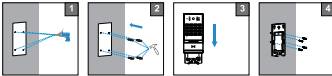
5.2.1 Installing the Wall-Mount Bracket

Procedure

1. Place the wall-mount template on the wall, and then drill four holes at the marked positions to a depth of 35 mm.
2. Hammer the wall anchors into the holes until they are flush with the wall.
3. Slide the wall-mount bracket downward to remove it from the Device.
4. Secure the wall-mount bracket to the wall using four **PA 4 × 30 mm** screws.



Figure 5-2 Wall-mount bracket installation



NOTE

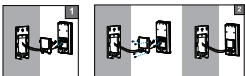
Ensure the arrow on the bracket is pointing **UP**.

5.2.2 Installing the Device

Procedure

1. Feed the cables from the wall through the waterproof cover, and then connect them to the rear panel. For details, see 4. [Wiring](#).
2. Attach covers to the Device the waterproof and sealing covers, and then tighten the screws.
3. Hook the Device onto the wall-mount bracket, and then slide it down until it locks into place.
4. Secure the Device with two **KM 3 × 6 mm** Torx screws at the bottom.

Figure 5-3 Device installation



5.3 Flush Mounting

EX102 Flush-mount box is required for flush mounting. For purchasing information, please contact your local reseller or visit our official website.

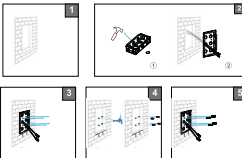
5.3.1 Installing the Flush-Mount Box

Option A: Standard Installation

Procedure

1. Create a cutout in the wall (width × height × depth: 197.6 × 107.6 × 51.3 mm).
2. Remove the knockout hole on the flush-mount box, feed the cables through the hole, and then place the box into the cutout.
3. Mark four holes of the box on the wall, and then remove the box.
4. Drill four holes at the marked positions to a depth of **35 mm**, and then hammer in the wall anchors.
5. Put the box back to the cutout, feed the cables through, and then secure the box to the wall with four **PA 4 × 30 mm** screws.

Figure 5-4 Standard installation

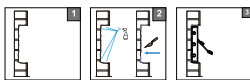


Option B: Cement Installation (Lower Vandal Resistance)

Procedure

1. Create a cutout in the wall (width × height × depth: 201.6 × 111.6 × 55.1 mm).
2. Wet the cutout with water and apply cement to the inner surfaces.
3. Remove the knockout hole on the flush-mount box, feed the cables through the hole, and then press the box firmly into the cutout until flush.

Figure 5-5 Cement installation

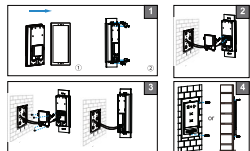


5.3.2 Installing the Device

Procedure

1. Embed the flush-mount bracket into the back of the Device, and then secure them with two small brackets, four **PM 3 × 3 mm**, and four **PM 3 × 4 mm** screws.
2. Feed the cables from the wall through the waterproof cover, and then connect them to the rear panel. For details, see 4. [Wiring](#).
3. Attach covers to the Device the waterproof and sealing covers and tighten the screws.
4. Place the Device into the box, and then secure the bracket to the box using two **KM 3 × 10 mm** screws.

Figure 5-6 Device installation



6. Web Login

6.1 Finding the IP Address

The Device supports two methods for obtaining its IP address.

Procedure

- On the Device
 1. i62-2 Wire: After powering on, press and hold the **[4]** for 3s. After hearing a "beep" sound, quickly press the speed dial button again. The access control system will then begin broadcasting the IP address.
 - i64-2 Wire: After powering on, press and hold the **[5]** for 3s until you hear a "beep" sound, then quickly press the speed dial button again. The access control system will then begin broadcasting the IP address.
- 2. Select **System > Network** to check the Device's IP address (e.g., 192.168.1.100).
- On the IP scanner
 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 Device.

6.2 Log in to the Webpage

Procedure

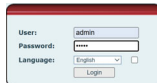
1. Enter the IP address of the Device in the browser address bar, and then press the Enter key.

NOTE

Ensure that the computer and the Device are on the same network segment.

2. Enter username and password on the login page, select the language, and then click **Login**.

Figure 6-1 Login



- The default username and password are both **"admin"**.
- Click the checkbox on the right to synchronize the set language to the Device.

Regulatory Information

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 radiofrequency 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 warning for Mobile device:

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

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