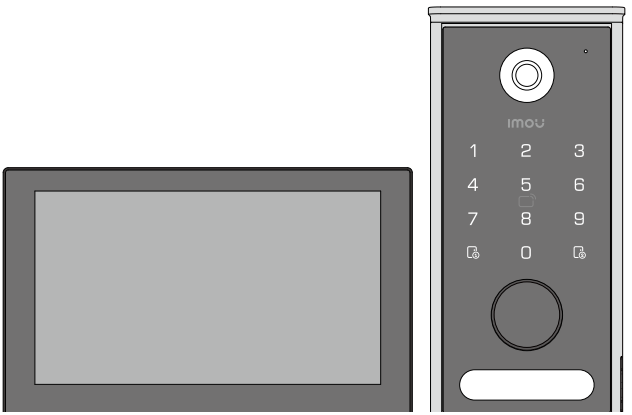
Smart Home PoE Video Doorphone

User Manual

V1.0.0



U0009763

Contents

Safeguards and WARNING
Read Before Use
Video Tutorials
Get Imou Support
Package Contents
Overview
Setup Wizard
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App Features

Safeguards and WARNING

The following signal words might appear in the manual.

Signal Words	Meaning
WARNING	Indicates a medium or low potential hazard which, if not avoided, could result in slight or moderate injury.
NOTE	Provides additional information as a supplement to the text.

- This product shall be powered only by a PoE switch that complies with IEEE 802.3af or IEEE 802.3at.
- Never attempt to use this device with a different voltage.
- Ensure that all the system's electrical connections conform to the instructions for use.
- Do not connect the power adapter to the device while the adapter is powered on.
- Do not connect the device to two or more kinds of power supplies, to avoid damage to the device.
- Personnel working at heights must take all necessary measures to ensure personal safety including wearing a helmet and safety belts.
- Check whether the power supply is correct before use.
- Do not unplug the power cord on the side of the device while the adapter is powered on.
- Install the device in a well-ventilated place, and do not block its ventilation.

Read Before Use

It is recommended to watch all the tutorial videos and read the Safety Guidelines before using for the first time. Make sure to review the User Manual before using for the first time and refer to this User Manual for more information.

Video Tutorials

Tap the link below or scan the QR code to watch tutorial videos, which demonstrate how to use the product:

https://www.imou.com/en/product-info/gatekeeper-poe

Get Imou Support

For more information about warranty, technical support and FAQs, please visit https://www.imou.com/support or contact us by scanning the below QR code or email us at service.global@imou.com.



service.global@imoulife.com

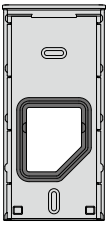
https://www.imou.com

@imouglobal

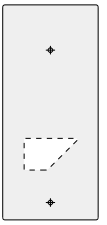
01 Package Contents



Door Station
(VTO)
× 1



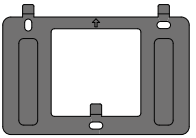
Wall Mounting Bracket for VTO
(Pre-installed)
× 1



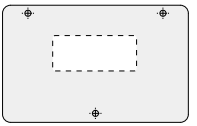
Drilling Template
for Door Station
× 1



Indoor Monitor
(VTH)
× 1



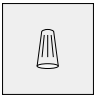
Wall Mounting
Bracket for Monitor
× 1



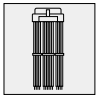
Drilling Template
for Monitor
× 1



Screw Pack
× 2



Wire Connector Pack
× 1



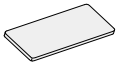
Female Wire Harness
× 1



L-shaped Wrench
× 1



Name Tag
× 2



Card
× 3



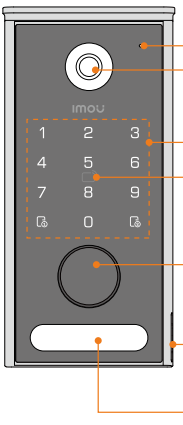
Quick Start Card
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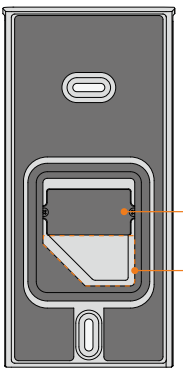
Regulatory Information
× 1

02 Overview

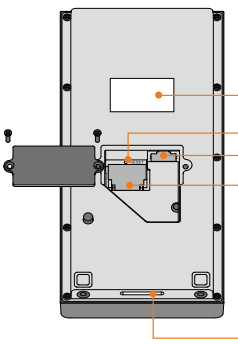
Door Station (VTO)



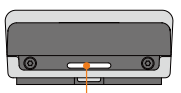
1 Microphone
2 Camera lens
3 Touch Keypad
"0-9": Digits can be entered.
Confirm to unlock door 1
Confirm to unlock door 2
4 Card reader area
5 Call button & Indicator
6 Name tag holder
7 Name tag holder lighting



8 Rear wiring cover
9 Pre-cut hole for cable wiring



10 Device label
11 Reset button
12 Network port
13 Terminals and interfaces
14 Speaker

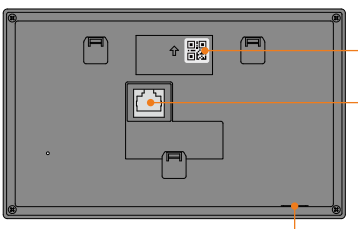


15 Speaker

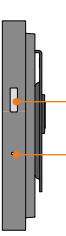
Indoor Monitor (VTH)



1 Touchscreen



2 QR code
3 PoE port
4 Speaker



5 SD card slot
6 Microphone

03 Setup Wizard

Follow the steps to set your intercom system:
1. Get the Imou Life app, and log in to your app account.
2. Wiring your system.
3. Install the VTO and the VTH.
4. Add the device to your account.

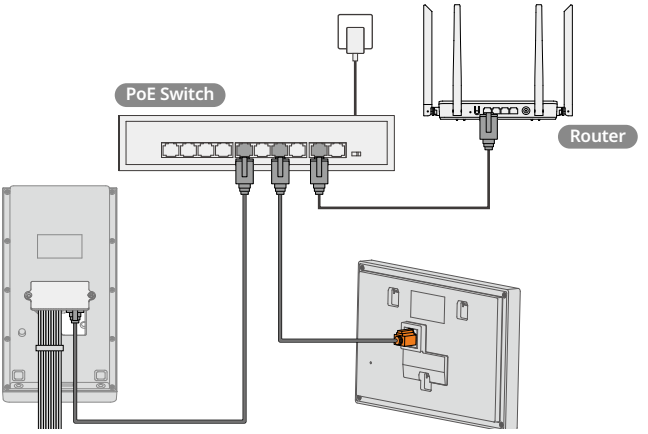
3.1 Configure Network

1 Search for and download the "Imou Life" app from the app store on your mobile devices.

2 Open the app, follow the on-screen guide to create your account. If you already have an account, use it to log in.



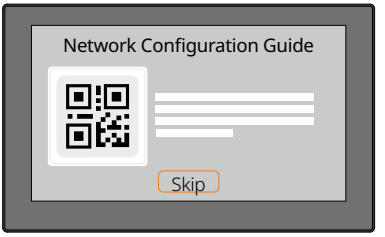
3 Plug the Ethernet cable from the PoE switch into the monitor's PoE port.



4 Follow the on-screen wizard to connect the monitor to the network.

5 Open the Imou Life app, tap "+" on the upper-right corner on the home page.

6 Scan the QR code on the screen of the monitor.



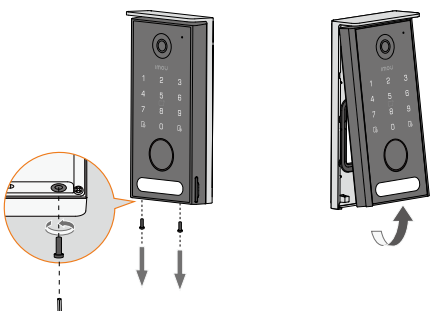
7 Follow the in-app instructions to add the device to your account.

3.2 Install the Door Station (VTO)

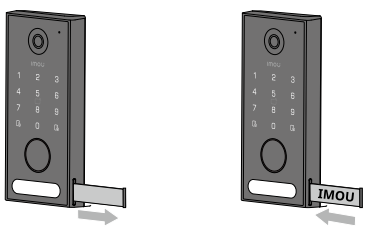
Note

- For optimal connectivity, we recommend placing the VTO within 100 m (328 ft) of the VTH.
- To maintain stable signal transmission, use shielded twisted-pair (STP) Cat5e cables.
- If you need to test the product before installation, it is recommended to keep the devices apart and do not place them face-to face to avoid echo or noise.
- Do not point the VTO at direct sunlight or a reflective surface.

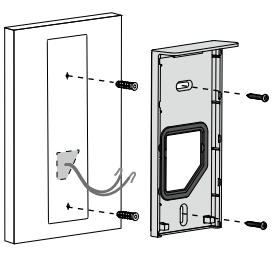
1 Locate and remove the screws at the bottom of the device. Remove the VTO by gently tilting it forward and lifting it away from the mounting base.



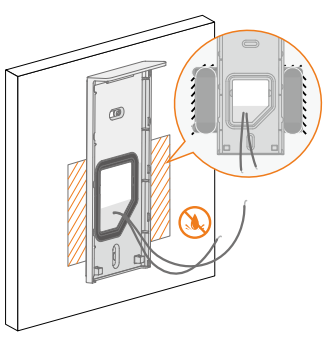
2 Take out the name tag. Write your name on it, then re-insert it.



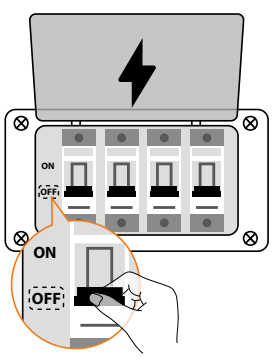
3 Recommended mounting height: 160 cm (5.25 ft) from the ground.
Use the included mounting template to drill holes and insert the provided expansion screws. Take the wires through the holes of the mounting template. Align and secure the mounting base with the supplied screws.



⚠ If the pre-cut wall opening is larger than the waterproof gasket's dimension, make sure to seal the hole around the gasket to prevent water infiltration.

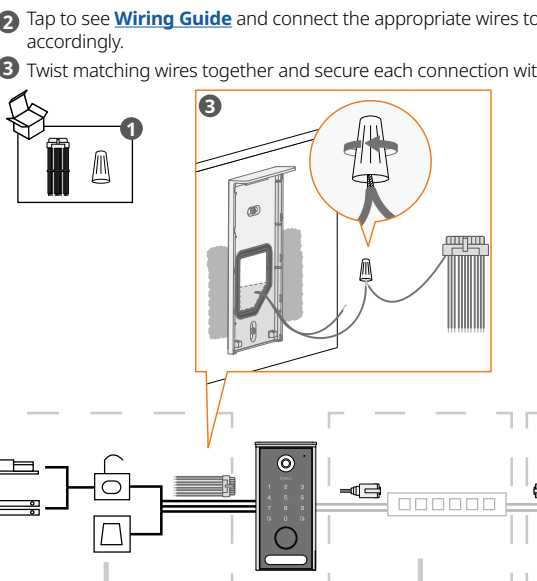


4 Turn off the power.

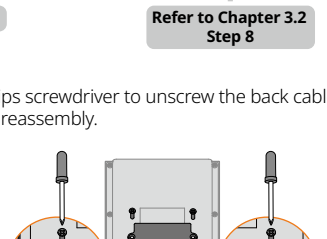


5 Wiring with door lock, or exit button.

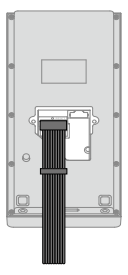
1. Take out the wire harness and connector nuts from the package.
2. Tap to see **Wiring Guide** and connect the appropriate wires to other products accordingly.
3. Twist matching wires together and secure each connection with a connector nut.



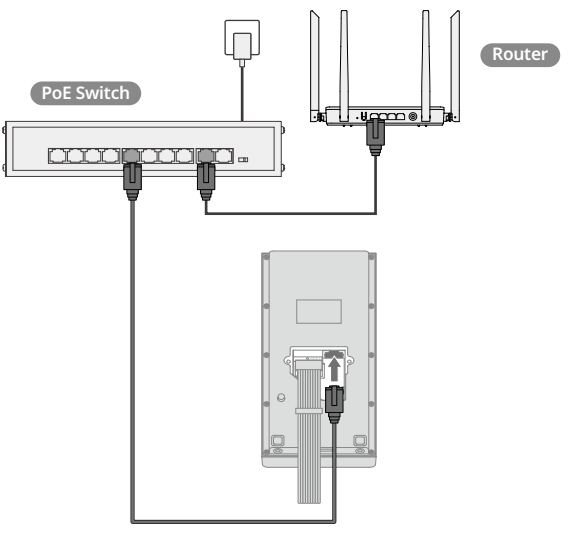
6 Use a proper sized Phillips screwdriver to unscrew the back cable cover. Keep the screws and the cover safely for reassembly.



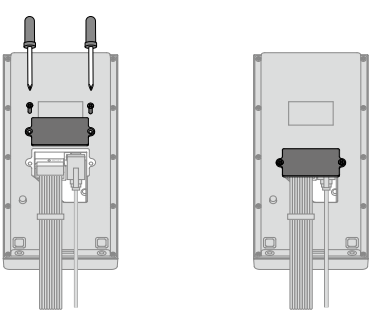
7 Insert the wire harness into the terminal.



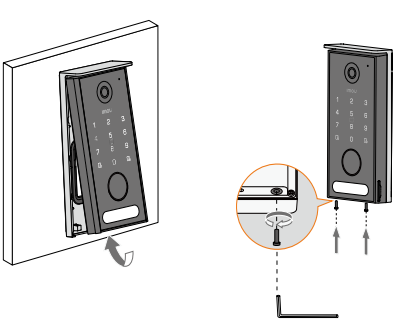
8 Plug the network cable from the PoE switch into the PoE port.



9 Reinstall the back cable cover.

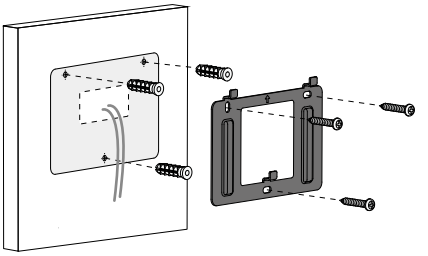


10 Organize the wires and mount the door station by hooking it over the mounting base and pushing it down. Then, reinstall and tighten the screws at the bottom with the supplied L-shape wrench.

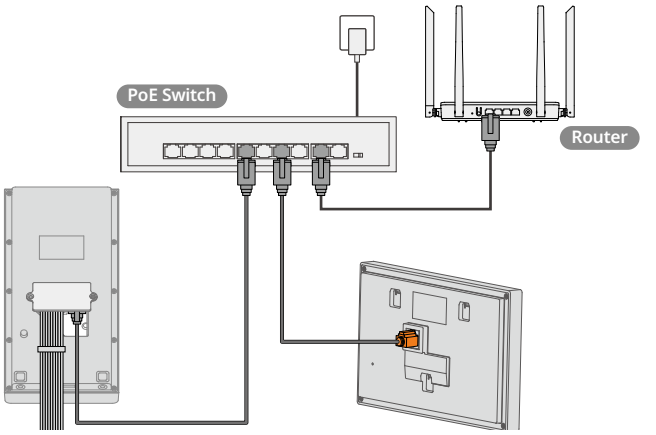


3.3 Install the Indoor Monitor (VTH)

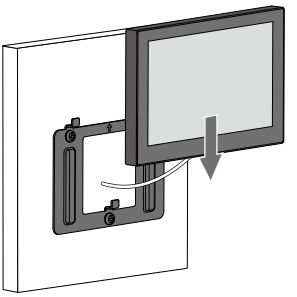
1 Recommended mounting height: 160 cm (5.25 ft) from the ground.
Use the included mounting template to drill holes and insert the provided expansion screws. Take the wires through the holes of the mounting template and the mounting bracket, then fix the bracket with the included screws.



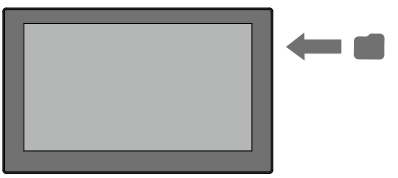
2 Plug the Ethernet cable from the PoE switch into the monitor's PoE port.



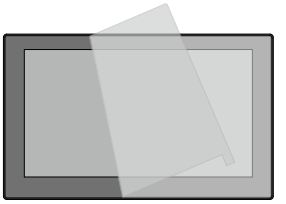
3 Mount the monitor onto the bracket from top down.



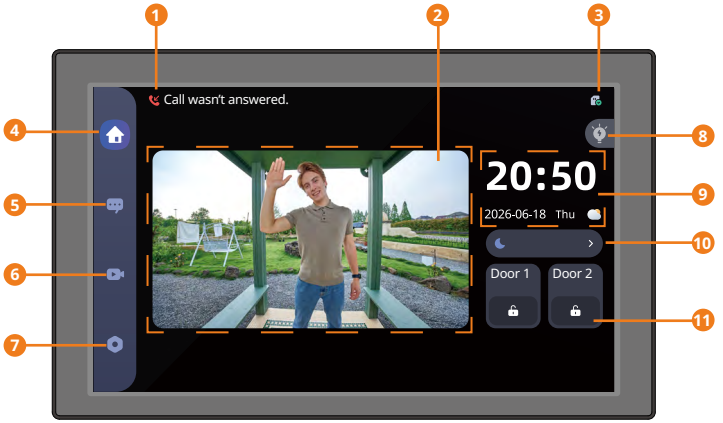
4 (Optional) Insert a Micro SD card (purchased separately) into the SD card slot, located on the right side of the monitor.



5 Remove the protective film.



04 Local Setup



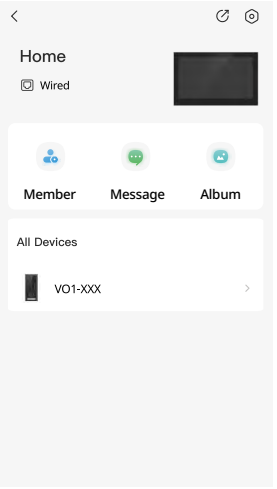
NO.	Icon	Description
1	Call logs	Missed calls notifications.
2	Preview	Tap to watch the live view.
3	SD card status	Changes depending on device's storage status of the memory card.
4	Home	Home page icon.
5	Messages	Tap to view unlock history, alarm messages and call records.
6	Recordings	Tap to view recordings and snapshots by date and types.
7	Settings	View or change device settings including DND schedules, ringtones, local storage and other basic settings, such as reset to pair VTO, re-pairing process, factory mode, firmware upgrade and .etc.
8	Screen lock	Tap to toggle screen on/off.
9	Time and date	Display time, date and weather conditions according to your preset location.
10	DND mode	Tap to enable/disable Do Not Disturb mode.
11	Unlock	Tap to unlock door.

05 App Features

The app interface shown here is for reference only and may vary by version update. Please refer to the app you installed on your phone.

5.1 VTH Home Page

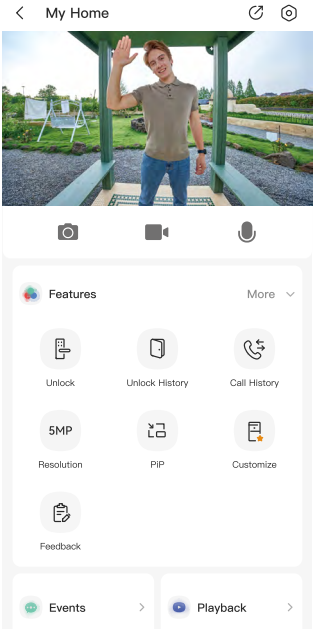
Once you completed the network configuration process, you may visit this page when you launch the Imou Life app.



Icon	Description
	Share. You can share your device to your family member or trusted people.
	Settings. You can check and change device settings.
	Members. You can add and manage members' information and respectively set their unlocking methods.
	Messages. View alarm notifications, device message, user operation logs, and more.
	Album. Browse and manage recordings and snapshots by date.
	All devices. Here lists all devices successfully paired to the VTH and allow you quickly access to them.

5.2 VTO Live View Page

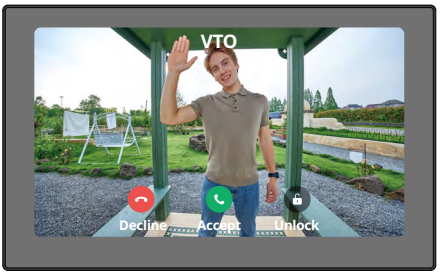
In the VTO live view page, you can watch livestream, unlock the door, view unlock history, call history, set up resolution and more as you need.



Icon	Description
	Snapshot. Take a snapshot and save to the album.
	Records. Manually start/stop recording and save to the album.
	Two-way audio. Tap to start/end real-time two-way communication to the people at your door.
	Tap to unlock the door.
	View and manage unlock operations.
	View and manage call history from both VTH and the app.
5MP	Resolution. Set video resolution.
	View the live view displayed on top of other app you are using.
	Customize features displayed in this page.
	Send us your problems or advices when using the device.
	View all event recordings.
	View recordings stored in the cloud or in local memory card (if memory card is inserted).

5.3 Answering a Call from a VTO

The VTH and the app displays video feed and operating key from the VTO if all settings are configured properly. Tap on the screen to answer, and to unlock.

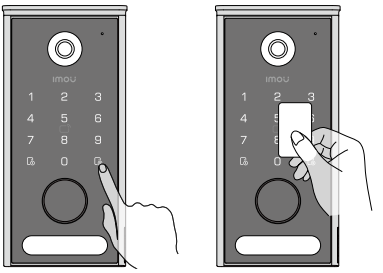


5.4 Three Unlocking Methods

Make sure you have wired the door lock properly to the VTO, and the VTO is displayed in the app's home page.

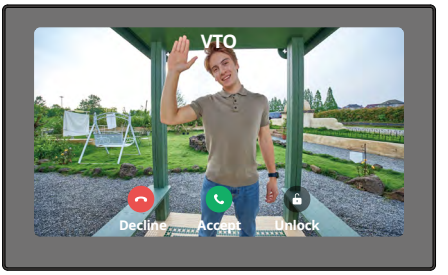
(1) Unlock the door via the VTO using passcode or card

Go to the VTH device page to add up to 100 members and enable password and/or card unlocking for one or both locks.



(2) Unlock the door via the VTH

The VTH displays video feed and operating key from the VTO if all settings are configured properly. Tap on the screen to answer, and to unlock.



(3) Unlock the door via the Imou Life app

Go to the VTH live view page, tap to unlock the door.

5.5 Enable Duress Notification

In the Device Settings page, you can set duress password and enable duress notification to get instant alert and take immediate actions when members use this password to unlock.

1. Launch the Imou Life app, on the home page, tap on the upper-right of the VTH.
2. In the VTH's main menu page, find Enable Duress Notification and toggle it on.
3. Once set, you can specify up to two email addresses to receive alert notifications.

Wiring Guide

WARNING

- Before initiating wiring operations, please read the following safety statements carefully.
- Incorrect wiring may cause permanent device damage, lock malfunction, or severe personal safety incidents.
- Cut off all relevant power sources (including VDP device and lock power) before operation.
- Do not directly drive locks exceeding the VDP relay rated load (36 VDC, 2A) to prevent relay burnout.

1 Confirm the lock type

Check the lock's nameplate labels or operate the below "Power-Off Test Method".

Power-Off Test Method:

Disconnect lock power.

- If the door unlocks automatically, it is a NC Lock (Fail-Safe).
- If the door remains locked, it is a NO Lock (Fail-Secure).

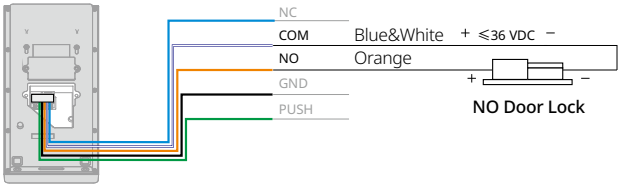
2 Interface definition

Interface	Color	Description
NC	Blue	Normally Close, connect to the negative side of the NC lock.
NO	Orange	Normally Open, connect to the negative side of the NO lock.
COM	Blue & White	Common, connect to the positive side of the power supply.
PUSH	Green	Exit button, connect to the exit button.
GND	Black	Ground

3 Wiring Diagram

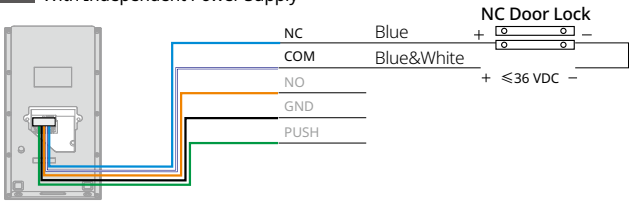
A Fail-Secure or Normally Open (NO) Electric Strike Door Lock

A-1 With Independent Power Supply



B Fail-Safe or Normally Closed (NC) Electromagnetic Door Lock

B-1 With Independent Power Supply



C Exit Button

