HIKVISION

Face Recognition Terminal

Quick Start Guide

UD37555B-A

Quick Guide

This guide introduces the wiring, installation, usage scenarios and device configuration. You can open the door by following the guide.

1 Installation And Wiring
View typical application, installation enviroment, installation and wiring, securing door control unit wiring.

→

2 Quick Configuration
Select screen direction, activate via device, quick operation settings, authentication settings and open door.

→

3 Appearance and Interface
View the appearance and interface of the device.

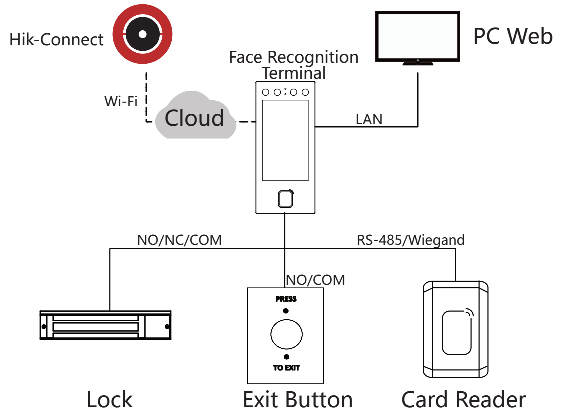
→

4 FAQ
View the FAQ of the device.

Scan the QR code to get the user manual.

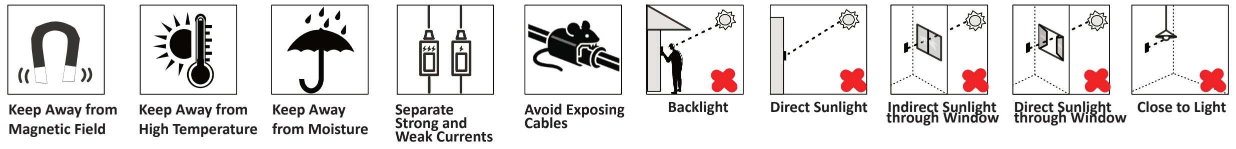
1 Installation and wiring

1.1 Typical Application



1.2 Installation Environment

- The installation wall should bear a force that exerts 3 times the weight of the device along the center of gravity of the equipment. The installation device is not damaged and the device does not fall off.
- Prepare for the following tools and accessories: screwdriver (not provided), screws, strands, network cable (not provided), adapter (not provided for non PoE), glass glue and glue gun(not provided).
- Avoid installation environment shown in the figures below.

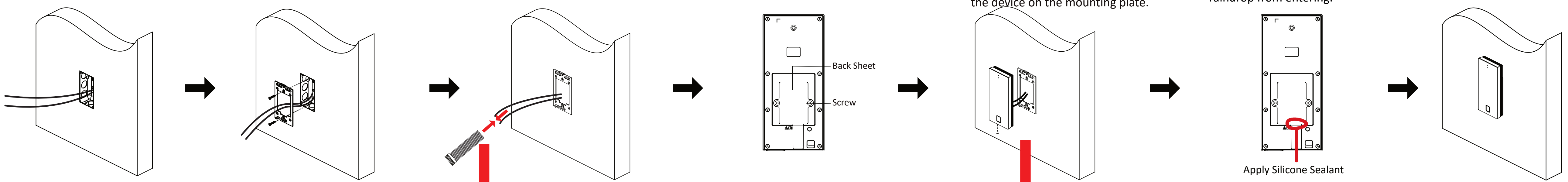

Keep Away from Magnetic Field
Keep Away from High Temperature
Keep Away from Moisture
Separate Strong and Weak Currents
Avoid Exposing Cables
Backlight
Direct Sunlight
Indirect Sunlight through Window
Direct Sunlight through Window
Close to Light

Cable Requirements

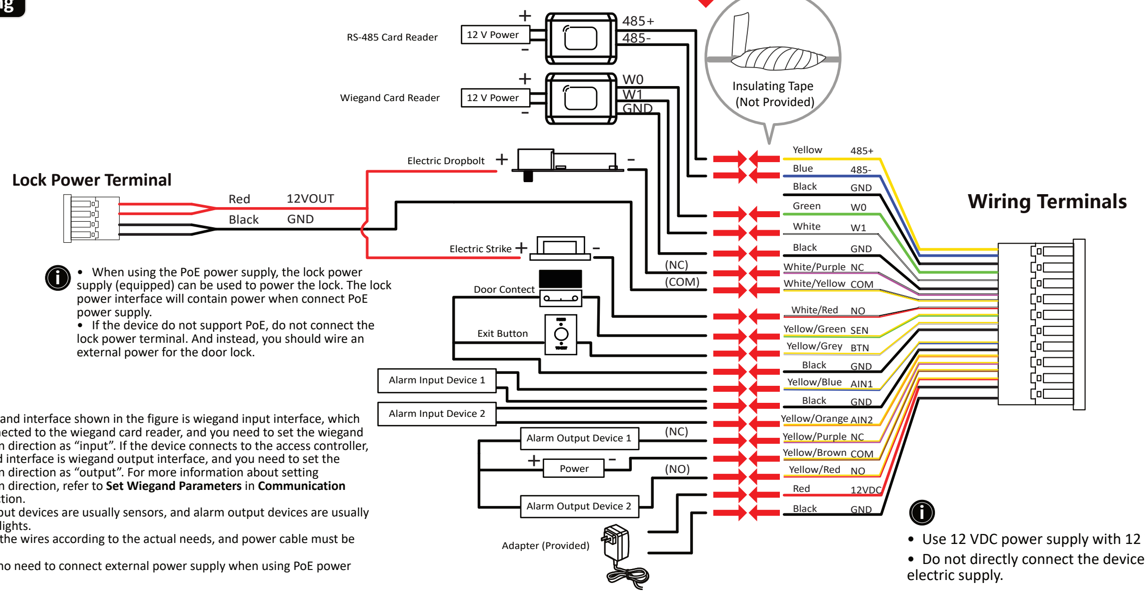
Cable Size	18 AWG	15 AWG	12 AWG
Power Supply	12 V Switched-mode	12 V Switched-mode	12 V Switched-mode
Distance Between Power Supply and Device	≤ 20 m	≤ 30 m	≤ 40 m

1.3 Installation

1. Make sure the gang box is installed on the wall.
   ⓘ The gang box is not
2. Align the mounting plate holes with gang box holes, using 2 screws (KA4×25) to secure the mounting plate on the gang box.
3. Complete wiring. For details, see the wiring diagram below.
4. Remove screws on the back sheet, and remove the back sheet.
5. Insert the terminals in the device. For details, see the diagram below (1.5). Use 1 screw (KM3×8) to secure the device on the mounting plate.
6. Arrange the cables and install the back sheet back. Apply silicone sealant among the cable wiring area to keep the raindrop from entering.
7. The installation is completed.



1.4 Wiring

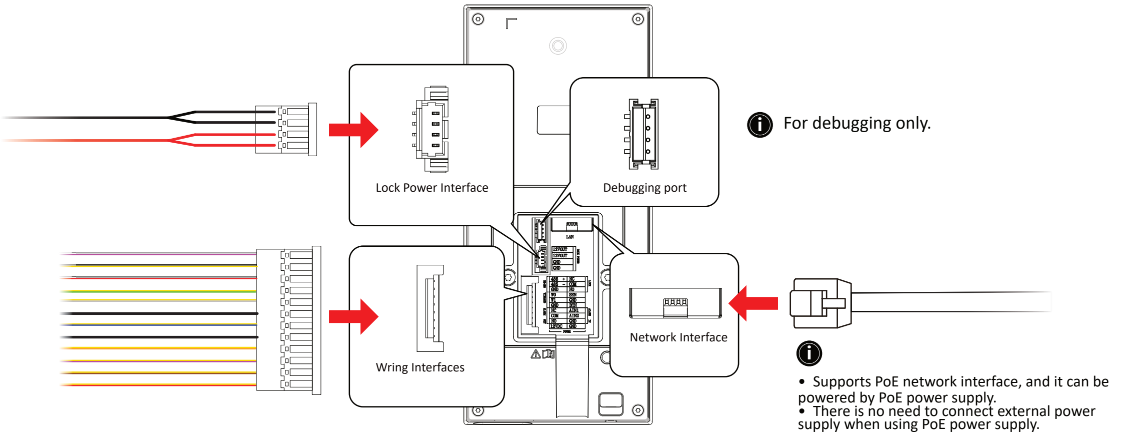


ⓘ
- When using the PoE power supply, the lock power supply (equipped) can be used to power the lock. The lock power interface will contain power when connect PoE power supply.
- If the device do not support PoE, do not connect the lock power terminal. And instead, you should wire an external power for the door lock.

ⓘ
- The wiegand interface shown in the figure is wiegand input interface, which can be connected to the wiegand card reader, and you need to set the wiegand transmission direction as "input". If the device connects to the access controller, the wiegand interface is wiegand output interface, and you need to set the transmission direction as "output". For more information about setting transmission direction, refer to **Set Wiegand Parameters** in **Communication Settings** section.
- Alarm input devices are usually sensors, and alarm output devices are usually alarms and lights.
- Connect the wires according to the actual needs, and power cable must be connected.
- There is no need to connect external power supply when using PoE power supply.

ⓘ
- Use 12 VDC power supply with 12 W power.
- Do not directly connect the device to 220 V electric supply.

1.5 Connect the Terminals to the Interfaces

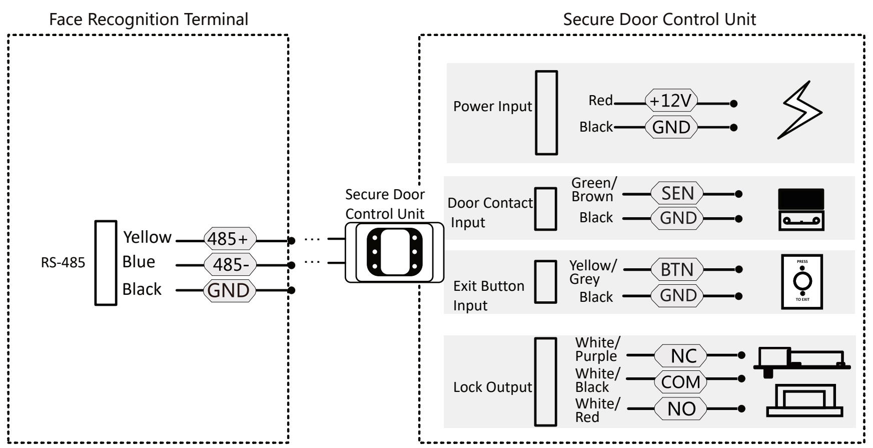


ⓘ For debugging only.

ⓘ
- Supports PoE network interface, and it can be powered by PoE power supply.
- There is no need to connect external power supply when using PoE power supply.

ⓘ Connect the cables according to the actual needs, and power cable must be connected.

1.6 Secure Door Control Unit Wiring



- The secure door control unit should connect to an external power supply separately. The suggested external power supply is 12 V, 0.5 A.
- For scenarios with high safety requirement, use the secure door control unit wiring first. You can ask the technical support to purchase for the secure door control unit separately.
- The picture here are parts of the wiring. For details, see the secure door control unit's user manual.

Face recognition terminal supports multi-function wiring: it also supports fire wiring, except basic harness wiring and securing module wiring. Scan the QR code to view other wiring methods and instructions.

2 Quick Configuration

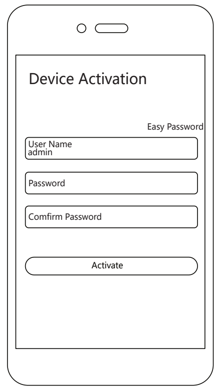
Activate Device

—Remote Activation

If the device is not activated, after powering on, you will enter the activation page.

1. Turn on the Wi-Fi, find the device name and enter the hotspot's password.
2. It automatically goes to the activation page, tap the edit box to create password.
3. Tap the confirm password to enter the password again.

Hotspot's password will automatically become the activation password after activation.


Device Activation

Easy Password

User Name
admin

Password

Comfirm Password

Activate

—Local Activation

You can also activate the device by creating local password on the device.

1. Tap local settings to go to the activation page.
2. Create the password in the edit box.
3. Tap the confirm password to enter the password again. Other activation methods refer to User Manual.

- Do not contain following characters in the password:the user name, 123, admin (case insensitive), 4 or more continuously increasing or decreasing digits, or 4 or more consecutively repeated characters.
- Password cannot contain words such as hik, hkws, and hikvision (case insensitive).

The password strength of the device can be automatically checked. We highly recommend you change the password of your own choosing (using a minimum of 8 characters, including at least three kinds of following categories: upper case letters, lower case letters, numbers, and special characters) in order to increase the security of your product. And we recommend you change your password regularly, especially in the high security system, changing the password monthly or weekly can better protect your product.

Quick Operation Settings

After activating, you can set password change type, set network parameters, enable Cloud service, set privacy, and add administrator.

Authentication Type Settings

1. Log in to enter the settings page, tap **Personnel Management →+** to add personnel.
2. Set the authentication type as device mode on **Authentication Settings Page**.
3. Return to the menu, and enter **Access Control Settings → Access Controller Authentication Settings** to set the authentication type as **Single Authentication** or **Combined Authentication**, and set the authentication method.

Open Door

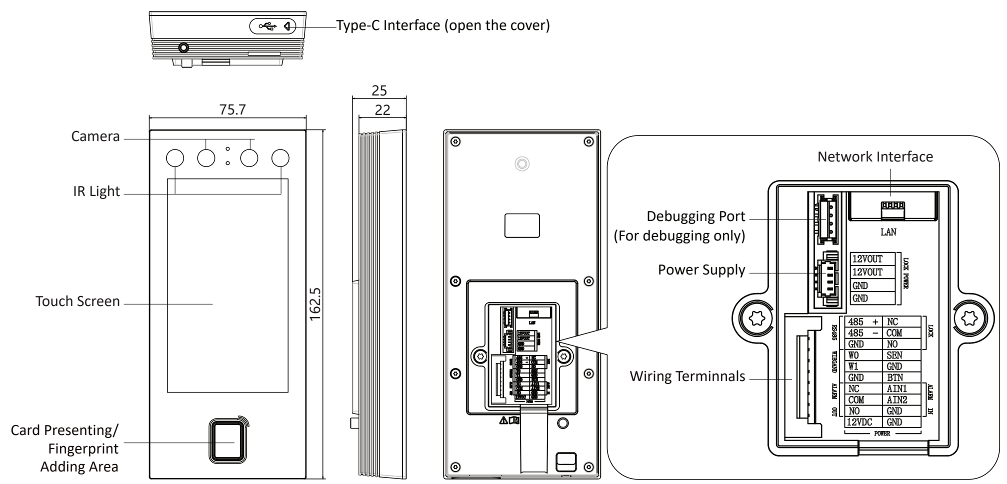
Based on the set authentication method, accordingly you can pass the authentication by face, fingerprint, card password, QR code to open the door.

Different models supports different functions, refers to actual product.

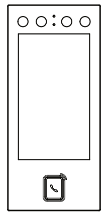
Scan the QR code to view more function setttings.

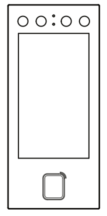
3 Interfaces and Dimension

Unit：mm



Parts of models support fingerprint function, refers to the actual product.


Keypad Model Appearance


QR Code Model Appearance

For different device models, the device will support fingerprint, QR code, and keypad. Refers to actual products for details.

4 FAQ

Question 1: How to change password.

Answer 1:

Make sure that password change type is set after activation.

Step 1： Enter the password login page.

—Administrator added: hold the authentication page and swipe to left or right to go to the administrator authentication page, tap 🔒 to enter the password page.

—Administrator not added: hold the authentication page and swipe to left or right to go to the administrator password page.

Step 2: Tap **Forget Password** to reset password by answering questions you have set or reserved phone number.

Question 2: How to enter **Settings Page** after activation.

Answer 2: Hold the authentication page and swipe to left or right to go to the administrator authentication page. Log in to enter the Settings Page.

About this Document

- This Document includes instructions for using and managing the Product. Pictures, charts, images and all other information hereinafter are for description and explanation only.
- The information contained in the Document is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version of the Document at the Hikvision website (***https://www.hikvision.com***). Unless otherwise agreed, Hangzhou Hikvision Digital Technology Co., Ltd. or its affiliates (hereinafter referred to as "Hikvision") makes no warranties, express or implied.
- Please use the Document with the guidance and assistance of professionals trained in supporting the Product.

About this Product

This product can only enjoy the after-sales service support in the country or region where the purchase is made.

Acknowledgment of Intellectual Property Rights

- Hikvision owns the copyrights and/or patents related to the technology embodied in the Products described in this Document, which may include licenses obtained from third parties.
- Any part of the Document, including text, pictures, graphics, etc., belongs to Hikvision. No part of this Document may be excerpted, copied, translated, or modified in whole or in part by any means without written permission.
- HIKVISION and other Hikvision's trademarks and logos are the properties of Hikvision in various jurisdictions.
- Other trademarks and logos mentioned are the properties of their respective owners.

LEGAL DISCLAIMER

- TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THIS DOCUMENT AND THE PRODUCT DESCRIBED, WITH ITS HARDWARE, SOFTWARE AND FIRMWARE, ARE PROVIDED "AS IS" AND "WITH ALL FAULTS AND ERRORS". HIKVISION MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY, SATISFACTORY QUALITY, OR FITNESS FOR A PARTICULAR PURPOSE. THE USE OF THE PRODUCT BY YOU IS AT YOUR OWN RISK. IN NO EVENT WILL HIKVISION BE LIABLE TO YOU FOR ANY SPECIAL, CONSEQUENTIAL, INCIDENTAL, OR INDIRECT DAMAGES, INCLUDING, AMONG OTHERS, DAMAGES FOR LOSS OF BUSINESS PROFITS, BUSINESS INTERRUPTION, OR LOSS OF DATA, CORRUPTION OF SYSTEMS, OR LOSS OF DOCUMENTATION, WHETHER BASED ON BREACH OF CONTRACT, TORT (INCLUDING NEGLIGENCE), PRODUCT LIABILITY, OR OTHERWISE, IN CONNECTION WITH THE USE OF THE PRODUCT, EVEN IF HIKVISION HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR LOSS.
- YOU ACKNOWLEDGE THAT THE NATURE OF THE INTERNET PROVIDES FOR INHERENT SECURITY RISKS, AND HIKVISION SHALL NOT TAKE ANY RESPONSIBILITIES FOR ABNORMAL OPERATION, PRIVACY LEAKAGE OR OTHER DAMAGES RESULTING FROM CYBER-ATTACK, HACKER ATTACK, VIRUS INFECTION, OR OTHER INTERNET SECURITY RISKS; HOWEVER, HIKVISION WILL PROVIDE TIMELY TECHNICAL SUPPORT IF REQUIRED.
- YOU AGREE TO USE THIS PRODUCT IN COMPLIANCE WITH ALL APPLICABLE LAWS, AND YOU ARE SOLELY RESPONSIBLE FOR ENSURING THAT YOUR USE CONFORMS TO THE APPLICABLE LAW. ESPECIALLY, YOU ARE RESPONSIBLE, FOR USING THIS PRODUCT IN A MANNER THAT DOES NOT INFRINGE ON THE RIGHTS OF THIRD PARTIES, INCLUDING WITHOUT LIMITATION, RIGHTS OF PUBLICITY, INTELLECTUAL PROPERTY RIGHTS, OR DATA PROTECTION AND OTHER PRIVACY RIGHTS. YOU SHALL NOT USE THIS PRODUCT FOR ANY PROHIBITED END-USES, INCLUDING THE DEVELOPMENT OR PRODUCTION OF WEAPONS OF MASS DESTRUCTION, THE DEVELOPMENT OR PRODUCTION OF CHEMICAL OR BIOLOGICAL WEAPONS, ANY ACTIVITIES IN THE CONTEXT RELATED TO ANY NUCLEAR EXPLOSIVE OR UNSAFE NUCLEAR FUEL-CYCLE, OR IN SUPPORT OF HUMAN RIGHTS ABUSES.
- IN THE EVENT OF ANY CONFLICTS BETWEEN THIS DOCUMENT AND THE APPLICABLE LAW, THE LATTER PREVAILS.

Data Protection

- To protect data, the development of Hikvision Products incorporates privacy by design principles. For example, for Products with facial recognition features, biometrics data is stored in your Products with encryption method; for fingerprint Products, only fingerprint template will be saved, which is impossible to reconstruct a fingerprint image.
- As a data controller/processor, you may process personal data, including collection, storage, use, processing, disclosure, deletion, etc. You are advised to pay attention to and comply with applicable laws and regulations related to the protection of personal data, including without limitation, conducting security controls to safeguard personal data, such as, implementing reasonable administrative and physical security controls, conduct periodic reviews and the assessments of the effectiveness of your security controls.

Symbol Conventions

Symbol	Description
Note	Provides additional information to emphasize or supplement important points of the main text.
Caution	Indicates a potentially hazardous situation, which if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
Danger	Indicates a hazard with a high level of risk, which if not avoided, will result in death or serious injury.