



Door Terminal

Quick Start Guide
UD43068B

Quick Start Process Guide

1 Wiring

Check the ports and wiring diagram of the device.



2 Installation

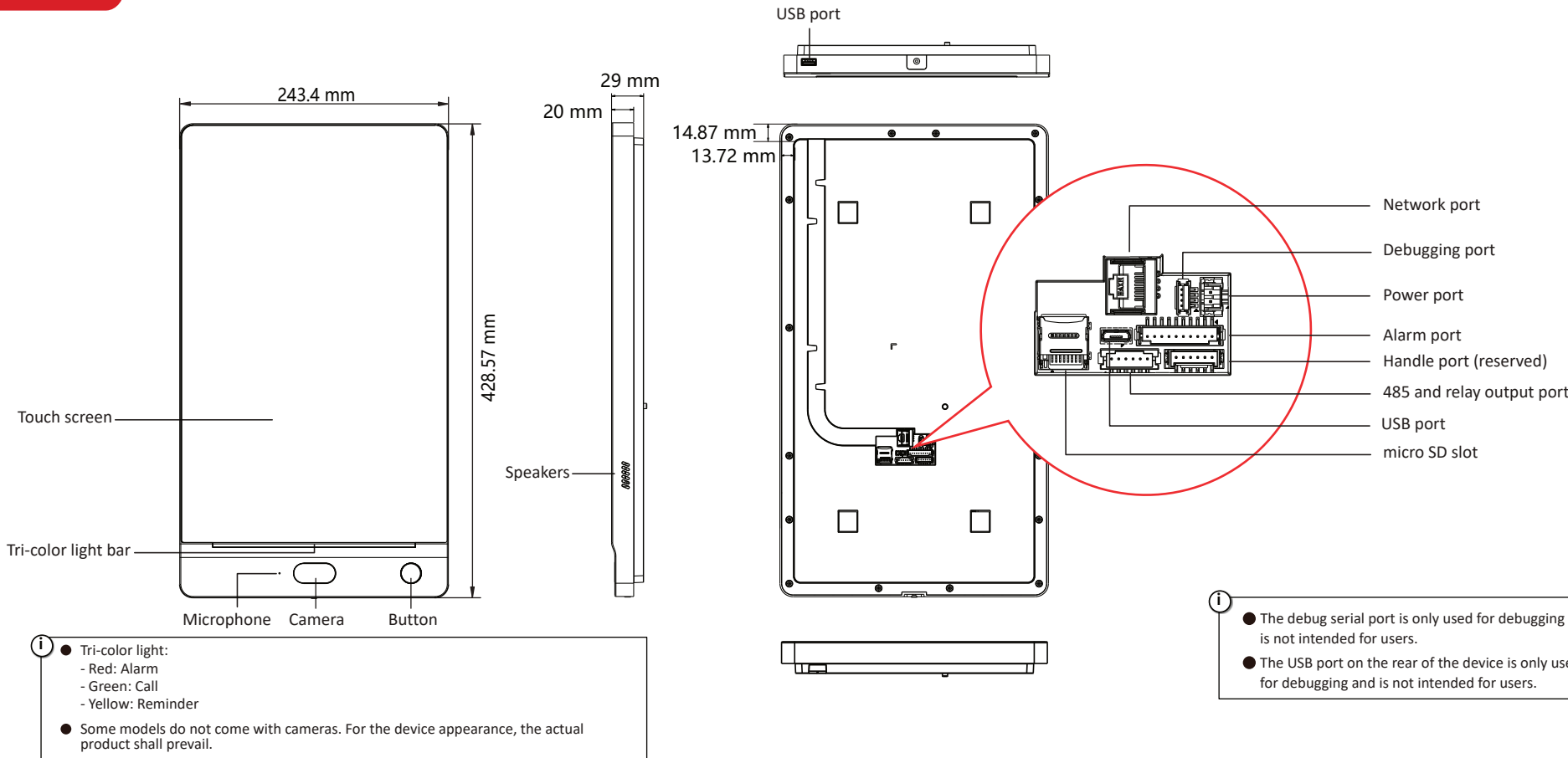
2.1 Check the dimensions of the mounting plate and schematic diagram of mounting height.
2.2 Install the device (mounting in an 86 × 86 mm or 120 × 120 mm junction box or wall mounting).



3 Quick Setup

Activate the device locally.

Appearance



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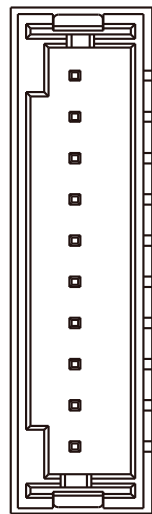
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1 Wiring

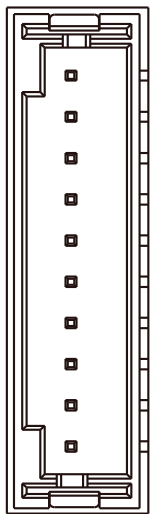
Alarm port



Ports AIN1 to AIN4 are used for connecting alarm input devices. AIN1 is used for connecting a bathroom alarm device, AI2 is used for connecting a magnetic contact, AIN3 is used for connecting an exit button, and AIN4 is used for connecting a fire alarm device. Ports AIN5 to AIN8 are reserved.

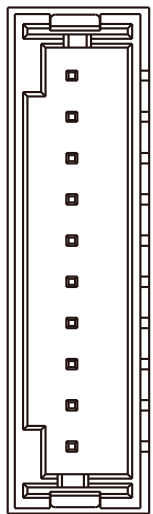


12 V OUT: 12 V power output
GND: Grounding port
AIN1: Alarm input port 1
AIN2: Alarm input port 2
AIN3: Alarm input port 3
AIN4: Alarm input port 4
AIN5: Alarm input port 5 (reserved)
AIN6: Alarm input port 6 (reserved)
AIN7: Alarm input port 7 (reserved)
AIN8: Alarm input port 8 (reserved)



12 V OUT
GND
AIN1
AIN2
AIN3
AIN4
AIN5 (reserved)
AIN6 (reserved)
AIN7 (reserved)
AIN8 (reserved)

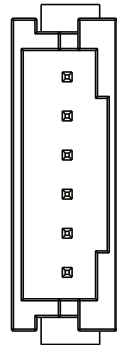
Wiring diagram of alarm inputs



12 V OUT
GND
AIN1
AIN2
AIN3
AIN4
AIN5 (reserved)
AIN6 (reserved)
AIN7 (reserved)
AIN8 (reserved)

Wiring diagram of power output

485 and relay output port



RS485-
RS485+
NO
COM
/
GND

Power source
Electric lock

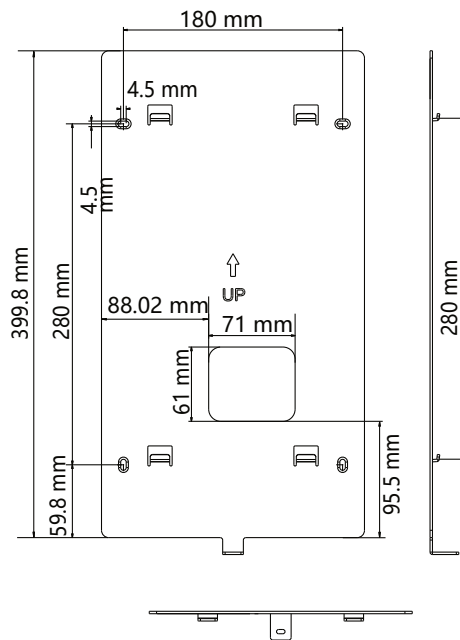
Wiring diagram of door lock



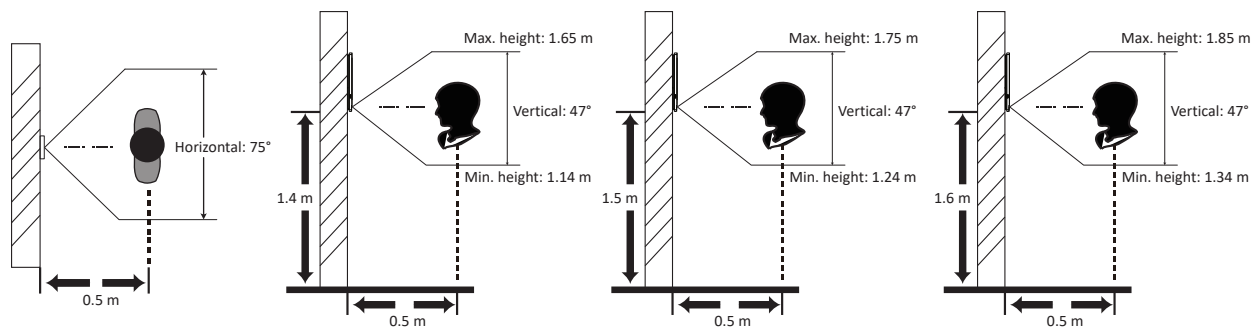
- Do not connect the device directly to the 220 V utility power.
- The device supports PoE, and no power cord is required when a network cable is connected.
- The door lock is powered by a power supply independent of the power supply to the device.

2 Installation

Dimensions of mounting plate



Schematic diagram of mounting height



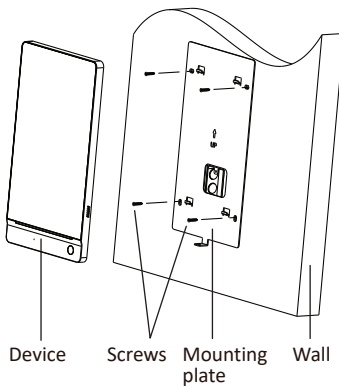
- Recommended mounting height (from the camera to the ground level): 1.4 m to 1.6 m.
- Camera field of view: 75° in the horizontal direction and 47° in the vertical direction.
- The following figure shows the maximum height and minimum height in the camera field of view.

Device Installation

Installation Precautions

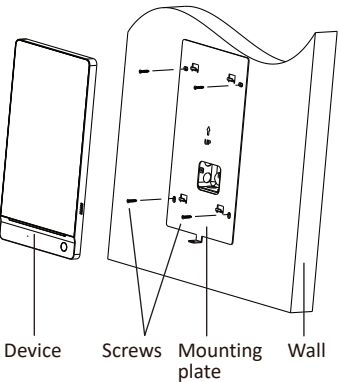
- Check whether the device and its accessories are completely supplied against the packing list and check whether the device is in good condition. A mounting plate is required for installing the device. To mount the device to an 86 × 86 mm or 120 × 120 mm junction box, prepare the junction box by yourself.
- Before the installation, check whether the power supply meets power requirements (12 VDC).
- Before the installation, please check that all cables are connected.
- Before the installation, always cut off the power supply to the device.

Mounting to a 120 × 120 mm junction box



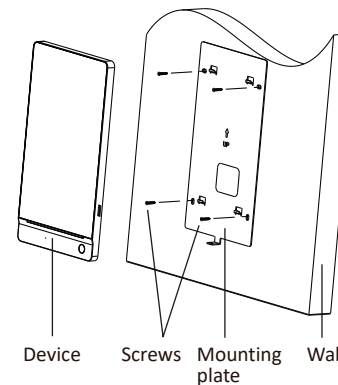
- 1 Check that you have drilled a hole in the wall and installed a 120 × 120 mm junction box.
- 2 Align the cable outlets on the mounting plate with the hole positions of the 120 × 120 mm junction box, and secure the mounting plate onto the wall using four SC-KA4X22 screws.
- 3 Connect the cables and then attach the device to the mounting plate from top to bottom.
- 4 Secure the device onto the mounting plate with one SC-KM3X6-T10-SUS screw. The installation is complete.

Mounting to an 86 × 86 mm junction box



- 1 Check that you have drilled a hole in the wall and installed an 86 × 86 mm junction box.
- 2 Align the cable outlets on the mounting plate with the hole positions of the 86 × 86 mm junction box, and secure the mounting plate onto the wall using four SC-KA4X22 screws.
- 3 Connect the cables and then attach the device to the mounting plate from top to bottom.
- 4 Secure the device onto the mounting plate with one SC-KM3X6-T10-SUS screw. The installation is complete.

Wall mounting



- 1 Check that you have drilled screw holes and cable outlets.
- 2 Align the cable outlets on the mounting plate with the cable outlets on the wall, and secure the mounting plate onto the wall using four SC-KA4X22 screws.
- 3 Connect the cables and then attach the device to the mounting plate from top to bottom.
- 4 Secure the device onto the mounting plate with one SC-KM3X6-T10-SUS screw. The installation is complete.

Warning

- While installing and using this device, all electrical safety regulations of the country and region where the product is used must be strictly observed.
- Warning! Always replace a fuse with one that has the same kind and rating. Otherwise there is a risk of electric shock or fire.
- After the device is powered off, the exposed parts, such as the metal part of the connector on the cable inlet side, may still be charged. Do not touch metal parts in 5 minutes.
- 1. Keep the device out of reach of children.
- 2. Warning: There is a risk of explosion if an incorrect battery type is used.
- 3. There is a risk of safety device failure if the battery is replaced by an incorrect type, for example, some types of lithium batteries.
- 4. Do not put the battery into a fire or heating furnace nor squeeze, bend or cut the battery. Failure to do this may cause an explosion.
- 5. Leaving a battery in an extremely high temperature surrounding environment can result in an explosion or the leakage of flammable liquid or gas.
- 6. Leaving a battery under extremely low air pressure can result in an explosion or the leakage of flammable liquid or gas.
- 7. Waste batteries will cause pollution to the environment. Dispose of used batteries according to the instructions.
- To prevent possible hearing damage, do not listen to music at high volume for an extended period of time.

Caution

- Do not place an exposed flame source, for example, a lit candle, on the device.
- Do not expose the device to dripping or splashing nor place items such as vases containing liquid on the top.
- Please install the device in strict accordance with the installation instructions set forth in the Quick Start Guide. For safety, the device must be securely mounted to the installation surface.
- The installation surface must be able to withstand a force three times the weight of the device exerted downward along the center of gravity of the device plus 50 N force in the horizontal direction after the device is installed. The device must be reliably installed, and the installation parts must not be deformed or broken.
- Keep the device in the right orientation when handling or using it.
- The USB port on the bottom of the device can only be used for connecting a mouse, keyboard, or USB flash drive. Do not use it for charging or carrying other loads. In addition, the current of connected devices should not exceed 0.1 A.
- The debug serial port on the device is only used for debugging and is not intended for users.
- The DC output port on the device does not conform to LPS requirements. The devices and cables connected downstream must meet fire rated enclosure requirements.
- Please use the adapter coming with the device, if any. If the device does not come with a built-in power supply, please ensure that the power adapter or other power source complies with LPS requirements. For the information on power output parameters, see the nameplate on the device.
- Caution! This device can only be used with supporting brackets. Using with others (such as carts, shelves, or handling devices) may lead to instability and personal injury.

- If you must connect cables of the device by yourself, select the cables according to the electrical parameters on the device nameplate, and use a standard wire stripper set to the correct setting based on the wire gauge to strip cables at an appropriate length. The cables are free of conductor insulation damage. Otherwise, serious consequences may be caused.
- Always cut off the power supply before wiring, installation, and removal operation.
- Do not throw items onto the device or violently vibrate the device. Keep the device away from magnetic field interference. Do not install the device in places where the installation surface vibrates or are prone to impact. Failure to do this may damage the device.
- Please do not use the device in high temperature, low temperature, or high humidity environments. For specific temperature and humidity requirements, refer to the parameter table.
- Do not expose the device to direct sunlight or place it in poorly ventilated areas or near heat sources such as heaters or heating source. Failure to do this may lead to a fire hazard.
- Do not clean the device with corrosive liquids (such as disinfectant or alcohol) or spray them directly onto the device. Otherwise, the device may be damaged or malfunctioning.
- Network security issues may arise when the device is connected to the internet. Please enhance your personal information and data security protection. When you discover potential network security risks, please contact us immediately.
- Please understand that you are responsible for the configurations, all passwords, and relevant security issues of the product. You are also responsible for keeping your user name and password safe.
- Keep all of the original packaging materials of the device safe, so that it can be used to re-package the device to be sent back to the distributor or manufacturer should any issues arise. The company assumes no responsibility for accidental damage caused by the use of non-original packaging materials during transportation.
- Biometric identification products may not be fully adapted to any anti-counterfeiting environment. Please combine authentication methods for high-security places.
- It should be noted that biometric identification may not be fully accurate due to the quality of the captured photo and the effect of ambient light.
- If the device emits smoke, odor, or noise, immediately disconnect the device from the power supply and promptly contact the dealer or service center.
- If the device is not working properly, contact the store where you purchased the device or the nearest service center. Do not disassemble or modify the device in any way. (The company will not assume responsibility for any issues that arise due to unauthorized modification or repair).

Instruction

Requirements for installation and maintenance personnel:

- Have basic knowledge and installation skills for access control systems and compositions.
- Have basic knowledge and operation skills for low voltage wiring and low voltage electric circuit wiring.
- Have basic knowledge and skills in network security and be able to understand the contents of this manual.

3 Quick Setup

You must activate the device when you use it for the first time. You will be automatically directed to the activation interface when the device is powered on.

Activation Interface

1. Enter the activation password and tap "Next."

2. Select usage mode.

- **Demo mode:** This mode is usually used by the manufacturer to demonstrate the operation of the device.

- **Normal mode:** Select "Normal Mode" in your normal use.

3. Enter the IP address and port number of the server, enter the engineering password, and tap "Next."

4. Set your application, and tap "Configuration completed" to go to the main interface.

For other configurations, see User Manual.



Scan the QR code to see the User Manual