ANVIZ
Secure Workplace, Simplify Management

M7 PALM

User Guide (V 1.0)

PoE Outdoor Standalone Access Control Terminal

What's in the box
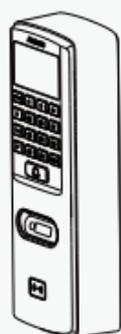
M7 Palm Terminal

Screws

RJ45 Connector

Mini USB Cable

Quick Guide

RFID Cards

Installation

150 ~ 300 mm

1200 ~ 1500 mm

Floor
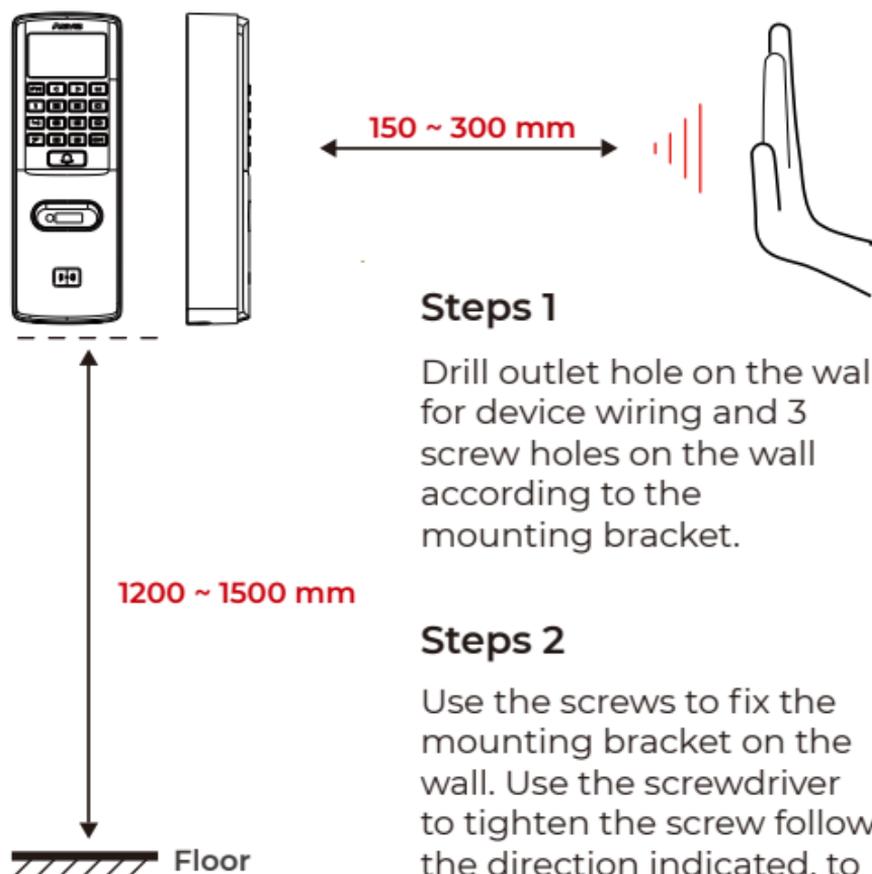
Steps 1

Drill outlet hole on the wall for device wiring and 3 screw holes on the wall according to the mounting bracket.

Steps 2

Use the screws to fix the mounting bracket on the wall. Use the screwdriver to tighten the screw follow the direction indicated, to complete the installation.

① ②
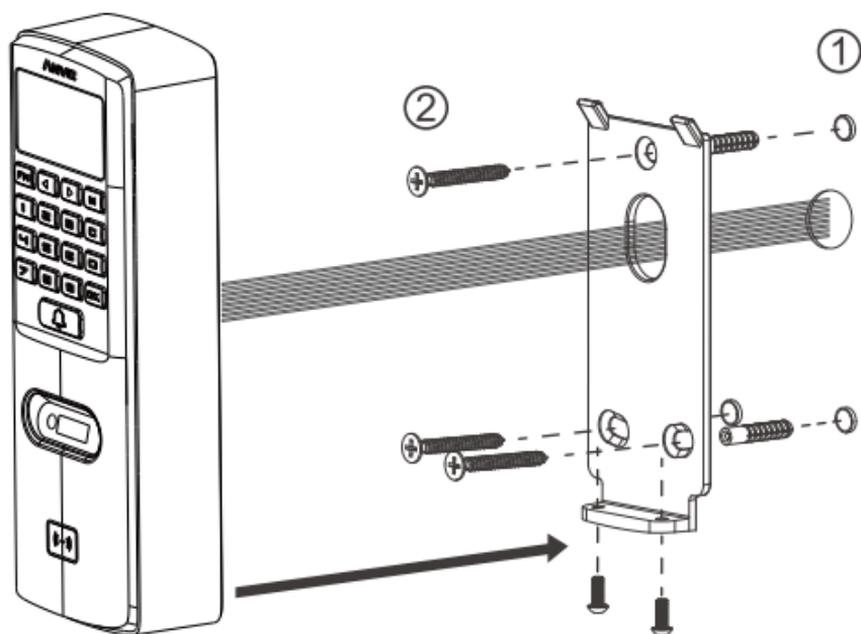
Registration & Identification

15°

150 ~ 300 mm
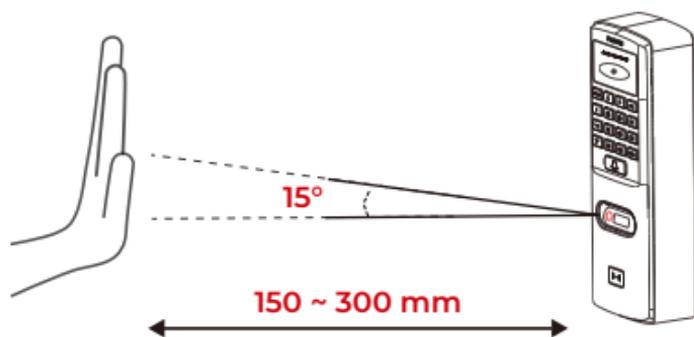
Registration Tilt: The palm is parallel to the Palm Vein Camera.

Naturally extend the palm, align the palm parallel to the module surface, center it, aim the palm at the Camera, keep the palm still to complete registration.

If registration fails, adjust the distance slightly forward or backward.

Note: The screen prompts

ANVI2

Palm Vein Verify

Move Far

The Palm is far from the Palm Vein Camera. Please come close.

ANVI2

Palm Vein Verify

Move Near

The Palm is near from the Palm Vein Camera. Please move far.

ANVI2

PalmVein Verify

The dot indicates the position of the palm.
Please keep the dot centered, when registering and identifying palm vein patterns.

Wiring

J1 Interface definition

Series	Definition	
Blue	NC	Relay
Purple	COM	
Yellow	NO	
Red	GND	
Red	GND	Power
Black	12V	
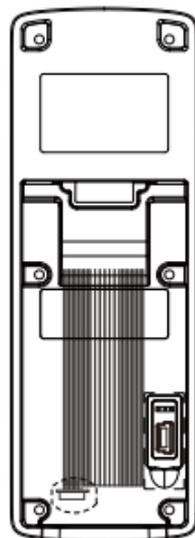
Series	Definition	
Black	BELL+	Active Doorbell
White	BELL-	
Red	GND	Door Switch
White	D/S	
Black	GND	Door Sensor
Green	D/M	

Series	Definition	
Black	GND	RS485
Orange	485B	
Grey	485A	
Black	GND	Wiegand input or Wiegand Output
Blue	W1	
Brown	W0	

Exit Button

Door Bell

Door Sensor

D/S

D/M

GND

BELL+

BELL−

12V

GND

NO

COM

Power on to unlock

| +12 | GND | PUSH | NO | GND | NC |

Power off to unlock

FCARD MICROPOWER
POWER SUPPLY CONTROLLER
MODEL:FC-901/903
INPUT:AC220/230V 50Hz
OUTPUT:DC12V,3Amps+

Access Control Power Supply

Information

OLED Screen

Key Pad

Palm Vein
Sensor

Card Reader
Area

33.5 mm

57.5 mm

165.5 mm

Palm Vein
Camera

Distance Detections
Sensor

Wiring

PoE TCP/IP (RJ45)

Mini USB Port

Exit Button

Door Sensor

Door Bell

D/S

D/M

GND

BELL +

BELL -

12V

GND

NO

COM

NC

Power on to unlock

Power off to unlock

Switch Power Supply

+12V | GND

Terminal Menu Funciton List

User
- Enroll
- Delete
- Verify Mode
- Group Setup
- Admin Setup
- Admin Clear

Setup

System
- Dev ID
- Time
- Calibration
- Language
- WorkCode Scope
- Daylight Saving
- Net
  - Mode
  - IP Address
  - Subnet Mask
  - Mac Address
  - Gateway IP
  - Server IP
  - Server Port
- Anti-Back
- Prevision
- Unlock
- Door Alert
- Auto Off
- Comm.PW
- Palm Vein Upgrade

Log Setup
- Log Alert
- Re-Verify

Hardware Test
- Keypad, LCD, Palm Vein Repair, Flash

Delete

System Info
- User, Palm Vein Log, Serial, FirmVer

Activate M7 Palm Terminal - Enroll User

❶

Press [M] key to menu.

Press [◄] or [►] key to select the menu item.

❷

```
MENU
▶ User
  Setup
  System Info
```

Selet " User " and press [OK] to "User Management" item.

❸

```
User
▶ Enroll
  Delete
  Verify Mode
```

Select " Enroll " and press [OK] to enroll user's Palm Vein.

❹

```
Enroll
ID    000001
Esc-C        Set-OK
```

Input Maximum 6 digits User ID. Press [OK] to next.

❺

```
Enroll
PalmVein  1/2
Password/Card
Esc-C        Set-OK
```

Press [◄] or [►] key to register user verify Model.

❻

```
Enroll PalmVein

Input Palm
```

Select " Palm Vein " and press [OK] to enroll Palm Vein.

❼

```
Enroll PalmVein

●
```

Keep the dot centered and the palm still until registration completed.

❽

```
Enroll Successful!
000001- 1
Cancel-C       Sav-OK
```

Press [OK] key to save registeration.

Terminal Administrator Setting

For security use, please set up a device administrator.

❶

```
MENU
 ▶ User
   Setup
   System Info
```

Selet "User" and press [OK] to "User Management" item.

❷

```
User
   Group Setup
 ▶ Admin Setup
   Admin Clear
```
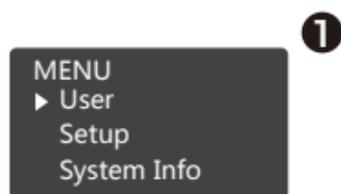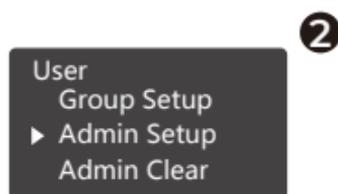
Press [◄] or [►] key, to selet the "Admin Setup" item.

❸

```
Admin Setup


Esc-C        Set-OK
```
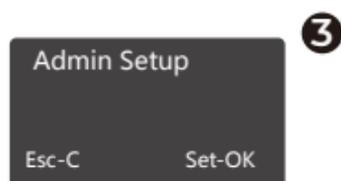
Press [OK] key to setup device administratot.

❹

```
Admin Setup

   ID    000001

```
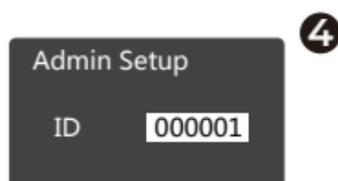
Input Administrator ID and Press [OK] key.

❺

```
Admin Setup

      000001
No-C         Yes-OK
```
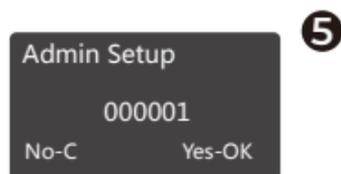
Press [OK] key to save administrator.

❻

```
Admin Setup
 ▶ID     000001

Esc-C        Set-OK
```
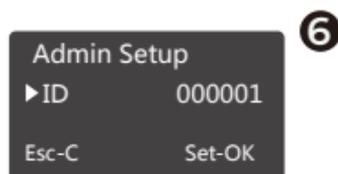
Press [C] key to exit administrator setup or Press [OK] key continue setup.

❼

```
09 : 00  🔒
   Admin
```
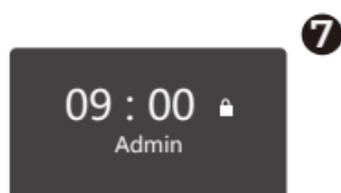
Press [M] key need administrator verifiy to menu.

Network Setup by Cable (LAN)

❶

```
MENU
   User
 ▶ Setup
   System Info
```

Selet " Setup " and press [OK].

❷

```
Setup
 ▶ System
   Log Setup
   Hardware Test
```
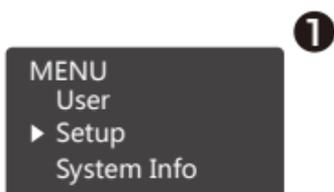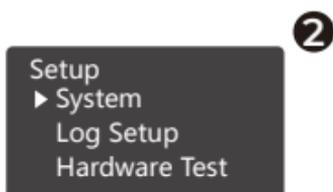
Press [◀] or [▶] key, to select the " System " item.

❸

```
System
 ▶ Net
   Anti-Back
   Precision      2
```
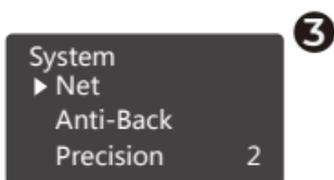
Press [◀] or [▶] key, to select the " Net " item.

❹

```
Net
 ▶ Mode      Server
   IP Address
   Subnet Mask
```
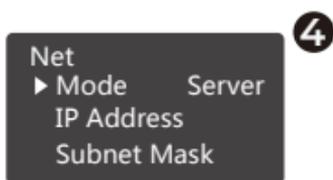
Manual Input Mode 1 , IP address, Subnet Mask and Gateway.

❺

```
IP Address
192.168.000.218

Set-C        Next-OK
```
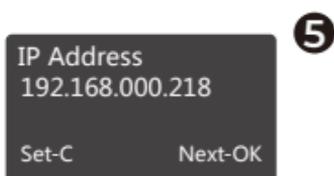
Press [OK] to input the IP address or press [C] to finish setup.

❻

```
IP Address
192.168.000.218
      Save ?
No-C         Yes-OK
```
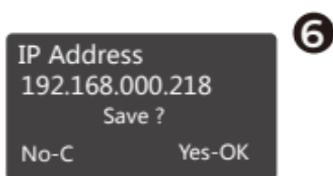
Press [OK] key to save setup or press [C] key to cancel.

Notice

Network Mode - Server Mode: The terminal defaul network mode is Server mode, When the terminal is connected to the application software system, the device works in server mode and waits for the incoming request from the application software.

Network Mode - Client Mode: When the device is connected to the application software system in client mode, the device will actively send data to the application software. Therefore, in client mode, it is necessary to enter the Server IP address of the application software system in the device menu.

Others

Congratulations! You've done the all configurations! If you need more support we suggest visiting Anviz Community community.anviz.com, a platform for sharing your Anviz products' experiences and interacting directly with Anviz employees.

**CrossChex Sandard
Download**

**M7 Palm
Configuration Guide**

Warranty and Disclaimer

Anviz warrants that the hardware will be free from material defects in materials and workmanship and will substantially conform to the applicable Documentation in effect as of the date of manufacture for a period of three (3) years from the date of shipment by Anviz ("Warranty Period"). For more warranty information about this product, please visit www.anviz.com/warranty-policy

Shipping Fees

End Customer is responsible for the shipping fee for sending the product to Anviz, and the return shipping fee for sending the product back to customers is borne by Anviz (paying for one-way shipping). However, if the device is considered as No Fault Found, which means the device works normally, the returning shipment, too, is borne by End Customer (paying for round-trip shipping)

Return Merchandise Authorization (" RMA ") Process

Please fill out the Anviz RMA request form online https:// www.anviz.com/form/rma.html and ask technical support engineer for an RMA number. You will receive the RMA confirmation with RMA number in 72 hours, after receiving an RMA number, please send the product in question to Anviz by following the Anviz shipment guide. When the inspection of the product is completed, you receive an RMA report from technical support engineer. Anviz decides to repair or replace parts after user confirmation. When the repair is completed, Anviz notifies user of that and sends the product back to you. An RMA number is valid for two months from the date of its issuance. An RMA number that is more than two months old is null and void, and in such a case, you need to get a new RMA number from Anviz technical support engineer. Products without a registered RMA number will not be repaired. Products shipped without an RMA number may be returned, and Anviz will not be held responsible for any loss or other damage caused by this.

Dead on Arrival (" DOA ")

Hardware Safety Instructions DOA refers to a state where the product does not work normally due to an inherent defect that arose immediately after the product's shipment. Customers can be compensated for DOA only within forty-five (45) days of the product's shipment (applicable for 50 or fewer logs). If the product's defect occurred within 45 days of its shipment from Anviz, ask your technical support engineer for an RMA number. If Anviz has received the defective product and the case has been determined to be DOA after analysis, Anviz provides free repairs provided that the case is merely attributable to defective parts (the LCD, sensors, etc.). On the other hand, if the case is attributable to a quality issue with an analysis period exceeding three (3) days, Anviz provides you with a replacement product.

Questions?

📞 **Call**

855-ANVIZ4U | 855-268-4948
MON-FRI 5AM-5PM Pacific

📱 **Text**

408-837-7536
MON-FRI 5AM-5PM Pacific

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24 Hours Answer

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