ANVIZ | Intelligent Security

C2 Slim

Fingerprint and RFID card terminal

Quick Guide V1.0

www.anviz.com

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1. Packing list

Device | Instruction Package | Accessory Package

Quick Guide
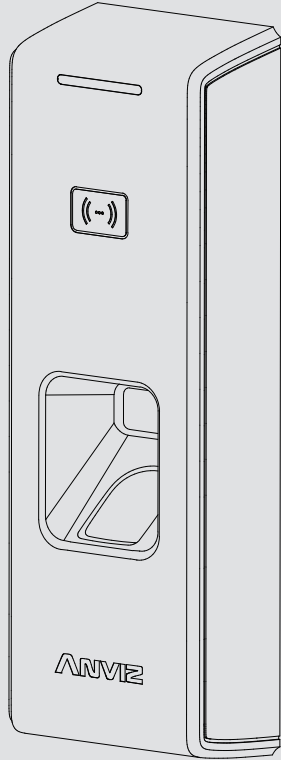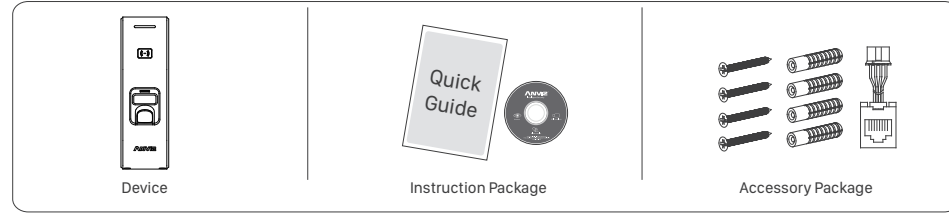
2. Installation Diagram&Installation Step

Fix the Device
① Fix back board,connect with the wire.
② Fix the device from the bottom and screwing it.
③ Make sure fixed OK.
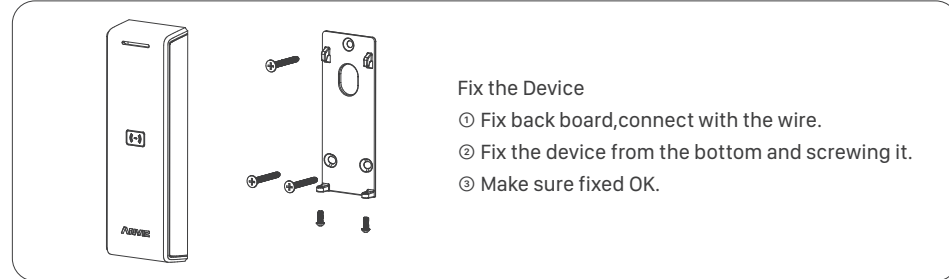
3. Device interface and definition description

P7 interface definition

Series	Definition	
1	RJ 45 4-5	
2	RJ 45 7-8	
3	RX-	
4	RX+	POE
5	TX-	
6	TX+	
7	GND	GND
8	485B	RS485
9	485A	

P9 interface definition

Series	Definition	
1	NC	
2	COM	Relay
3	NO	
4	GND	GND
5	GND	
6	12V	Power

P8 interface description

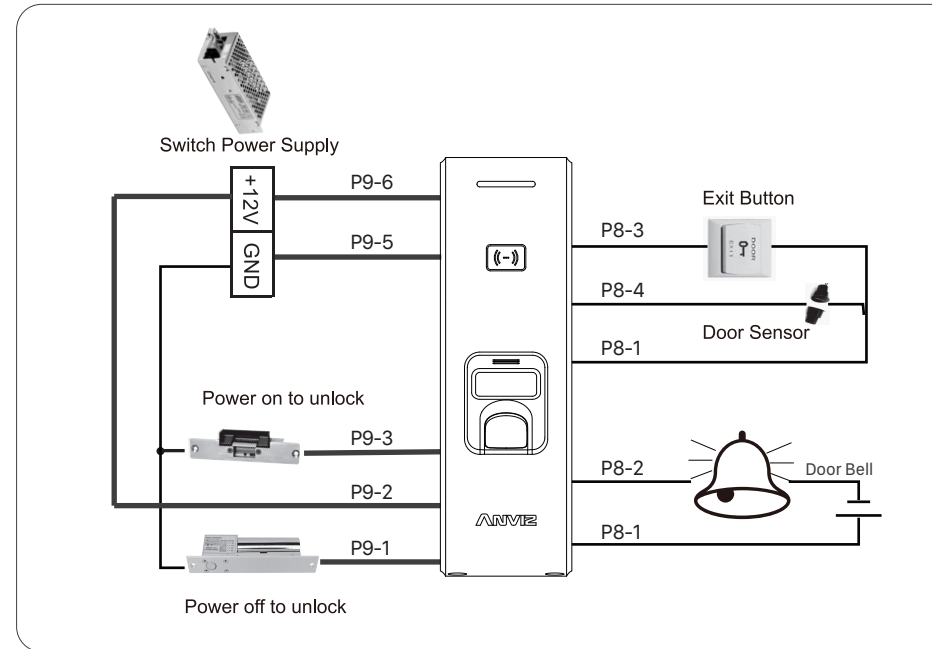| Series	Description	
1	GND	GND
2	ALARM	
3	D/S	Exit button
4	D/M	Door Sensor
5	WI1	Wiegand input
6	WI0	
7	GND	GND
8	WO1	Wiegand output
9	WO0	

* Important notice:
Please follow the wiring diagram as it is displayed. Damaged products due to improper wiring are not covered by product warranty.

wiegand input\output settings: to connect C2 slim with CrossChex management software, and choose "device management\ terminal parameters\Wiegand options (C2 slim)" to set up.
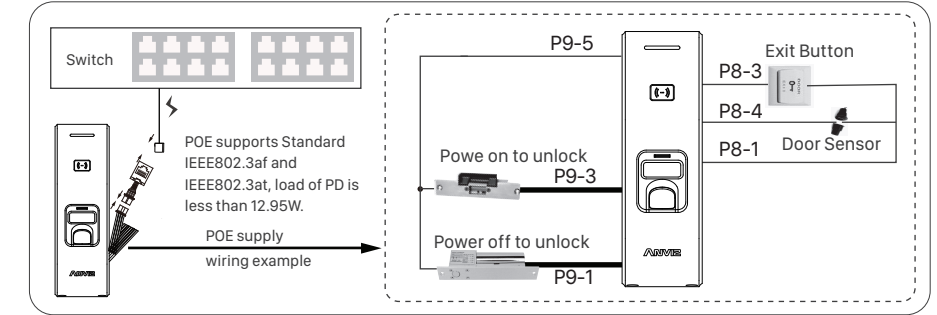
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4. Access Control Reader & Switching Power Supply

Swich Power Supply
+12V
GND
P9-6
P9-5
Exit Button
P8-3
P8-4
Door Sensor
Power on to unlock
P9-3
P8-1
P8-2 Door Bell
P9-1
Power off to unlock
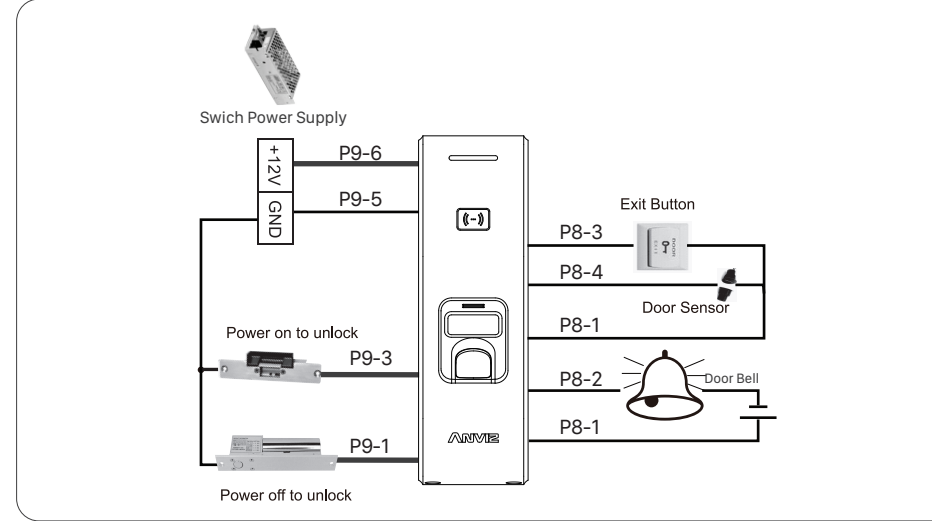
The following wiring is recommended to prevent damage to the device when load is large.

Switch Power Supply
+12V
GND
P9-6
P9-5
Exit Button
P8-3
P8-4
Door Sensor
P8-1
Power on to unlock
P9-3
P8-2 Door Bell
P9-2
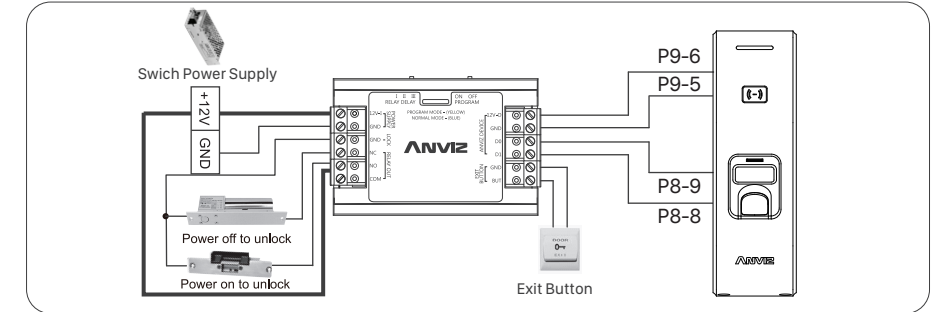P8-1
P9-1
Power off to unlock

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5. Power Over Ethernet Supply

Power Over Ethernet provides device network communication and the power is enough for both device and lock working. Total load should not exceed 12.95W when using POE supply for directly triggering the electric lock to prevent damage to C2 slim.

Switch

POE supports Standard IEEE802.3af and IEEE802.3at, load of PD is less than 12.95W.

POE supply wiring example

P9-5
P8-3
P8-4
Exit Button
P8-1 Door Sensor
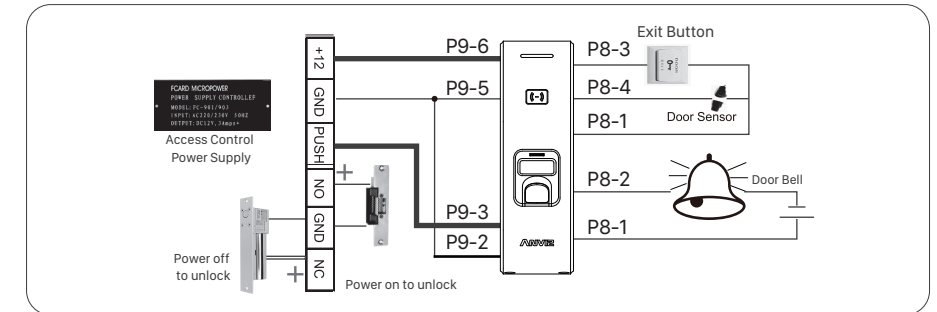Powe on to unlock
P9-3
Power off to unlock
P9-1

6. Access Control Reader & SC011

SC011 can work with C2 slim by Anviz encrypt wiegand code authorized to set up a distributed Access control system. You can buy SC011 from our sales.

Swich Power Supply
+12V
GND
P9-6
P9-5
Power off to unlock
P8-9
P8-8
Power on to unlock
Exit Button

7. Access Control Reader & Access Control Power Supply

Access Control Power Supply
+12
GND
PUSH
NO
GND
NC
P9-6
P9-5
Exit Button
P8-3
P8-4
P8-1 Door Sensor
P8-2 Door Bell
P8-1
Power off to unlock
P9-3
P9-2
Power on to unlock

8. Verify the Fingerprint

- **Correct method:**
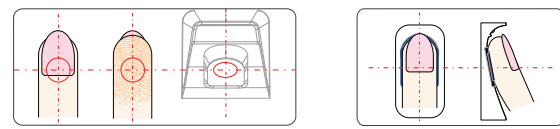
Place finger in the center of the sensor.

Place finger flatly and smoothly on the sensor.

- **Incorrect method:**

Finger not placed on the center of the sensor.

Finger placed inclined.

Use of fingertip.

* NOTE:
- It is better for each user to register two fingerprints in case of one finger can't work.
- Place Finger flat and make sure the center of the finger is on the center of scanner window and press a little hard on scanner, so it can scan as large finger area as possible to extract enough minutia.
- Keep the angle and direction of finger the same each time placing on scanner.
- If your finger has sweat or water, please dry it first and then register the finger.
- If your finger is too dry, make it a little wet or touch the forehead to increase the wetness of the finger, press a little hard on scanner . (The dry finger can cause the finger image not coming out clear enough.)
- Avoid the callus, peeling, orinjury of the finger to ensure the register and identification successful.
- You can register the thumb first, and then index finger or middle finger to increase the precision.¹

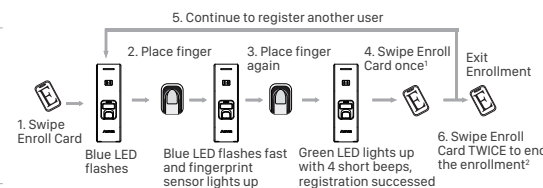## 9. Operation Guide

■ **Important:**

C2 slim is suitable for DC12V power supply only. When connect to DC12V power supply, the indicator light displays blue and flashes fast. Meanwhile, the backlights of fingerprint sensor turn on with beeps.

■ **Register User:**

- **Add One Fingerprint per User Only:**

*Note:
1. After finish enrolling current user, please swipe enroll card and then continue register another user.
2. After finish enrollment, please swipe enroll card TWICE to exit enroll status.

5. Continue to register another user

1. Swipe Enroll Card — Blue LED flashes — 2. Place finger — Blue LED flashes fast and fingerprint sensor lights up — 3. Place finger again — Green LED lights up with 4 short beeps, registration successed — 4. Swipe Enroll Card once¹ — 6. Swipe Enroll Card TWICE to end the enrollment² — Exit Enrollment

⚠ Notice:
When you place finger on C2 slim, Red LED flashing with two long beeps means the finger has been registered.

- **Add Card Only:**

* Note:
1. After finish enrolling current user, please swipe enroll card and then continue register another user.
2. After finish enrollment, please swipe enroll card TWICE to exit enroll status.

5. Continue to register another user

1. Swipe Enroll Card — Blue LED flashes — 2. Swipe User Card — Blue LED flashes fast and FingerPrint sensor lights up — 3. Swipe User Card again — Green LED lights up with 4 short beeps, registration successed — 4. Swipe Enroll Card once¹ — 6. Swipe Enroll Card TWICE to end the enrollment² — Exit Enrollment

⚠ Notice:
When you swipe card on C2 slim, Red LED flashing with two long beeps means the card has been registered.
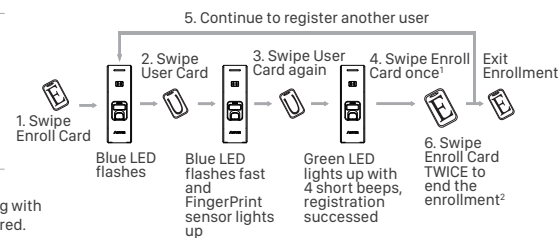
- **Add Two Fingerprints of one User:**

Two fingerprints belongs to one user ID.

8. Continue to register another user

1. Swipe Enroll Card — Blue LED flashes — 2/5. Place the 1st/2nd finger — Blue LED flashes fast and FingerPrint sensor lights up — 4. Continue to register the 2nd finger — 3/6. Place the 1st/2nd finger again — Green LED lights up with 4 short beeps, registration successed — 7. Swipe Enroll Card once¹ — 9. Swipe Enroll Card TWICE to end the enrollment² — Exit Enrollment
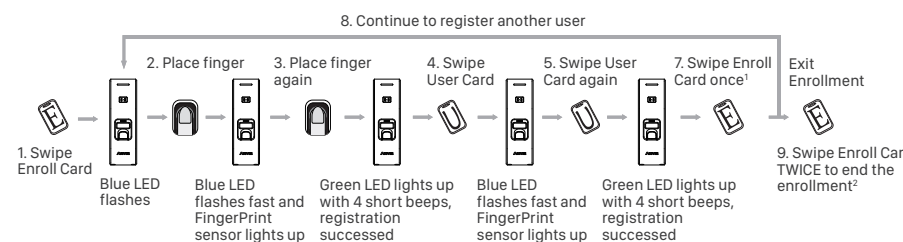
* Note:
1. After finish enrolling current user, please swipe enroll card and then continue register another user.
2.After finish enrollment, please swipe enroll card TWICE to exit enroll status.
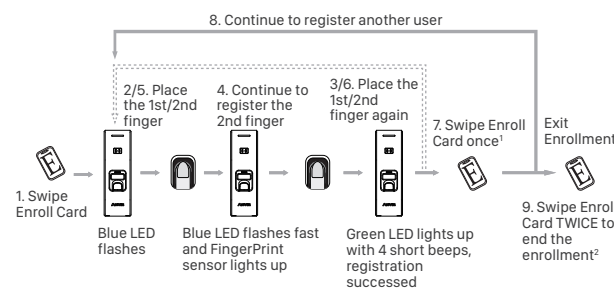
- **Add Fingerprint and Card of one User:**

The wiegand output of fingerprint and card are the same.

8. Continue to register another user

1. Swipe Enroll Card — Blue LED flashes — 2. Place finger — Blue LED flashes fast and FingerPrint sensor lights up — 3. Place finger again — Green LED lights up with 4 short beeps, registration successed — 4. Swipe User Card — Blue LED flashes fast and FingerPrint sensor lights up — 5. Swipe User Card again — Green LED lights up with 4 short beeps, registration successed — 7. Swipe Enroll Card once¹ — 9. Swipe Enroll Card TWICE to end the enrollment² — Exit Enrollment
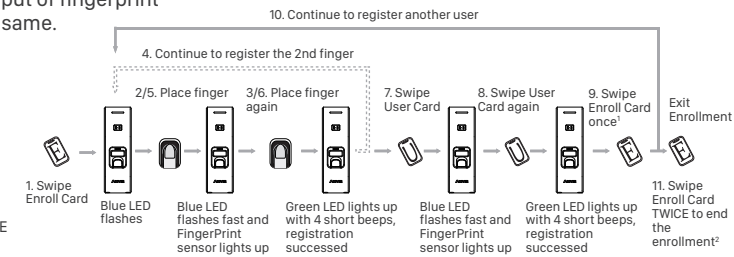
⚠ Note:
1. After finish enrolling current user, please swipe enroll card and then continue register another user.
2. After finish enrollment, please swipe enroll card TWICE to exit enroll status.

- **Add Two Fingerprints and Card of one User:**

The wiegand output of fingerprint and card are the same.

Note:
1. After finish enrolling current user, please swipe enroll card and then continue register another user.
2. After finish enrollment, please swipe enroll card TWICE to exit enroll status.

10. Continue to register another user

4. Continue to register the 2nd finger

1. Swipe Enroll Card — Blue LED flashes — 2/5. Place finger — Blue LED flashes fast and FingerPrint sensor lights up — 3/6. Place finger again — Green LED lights up with 4 short beeps, registration successed — 7. Swipe User Card — Blue LED flashes fast and FingerPrint sensor lights up — 8. Swipe User Card again — Green LED lights up with 4 short beeps, registration successed — 9. Swipe Enroll Card once¹ — 11. Swipe Enroll Card TWICE to end the enrollment² — Exit Enrollment
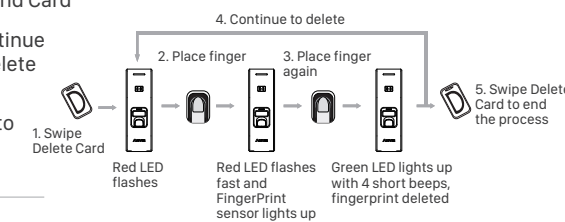
■ **Delete User:**

- **Delete Fingerprint or Fingerprint and Card**

After delete one user, you can continue to delete another user or swipe Delete Card to save and exit.

When fingerprints or card belong to one user ID, you can delete either one to delete this user.

* Notice:
When you place finger on C2 slim, Red LED flashing with long beeps means the fingerprint does not exist in the device.

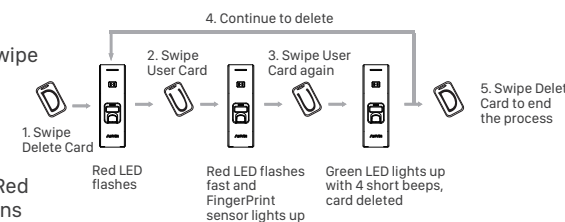4. Continue to delete

1. Swipe Delete Card — Red LED flashes — 2. Place finger — Red LED flashes fast and FingerPrint sensor lights up — 3. Place finger again — Green LED lights up with 4 short beeps, fingerprint deleted — 5. Swipe Delete Card to end the process

- **Delete Card:**

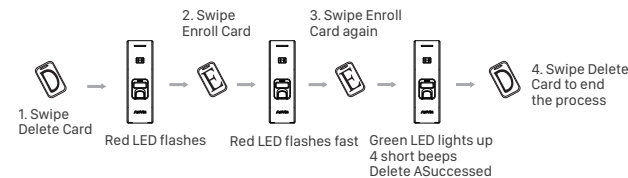After delete one user, you can continue delete another user or swipe Delete Card to save and exit.

Notice:
When you swipe card on C2 slim, Red LED flashing with long beeps means the card does not exist in the device.

4. Continue to delete

1. Swipe Delete Card — Red LED flashes — 2. Swipe User Card — Red LED flashes fast and FingerPrint sensor lights up — 3. Swipe User Card again — Green LED lights up with 4 short beeps, card deleted — 5. Swipe Delete Card to end the process

- **Delete All Users**

Delete all uses fingerprints and cards, the device parameter setting do not change.

1. Swipe Delete Card — Red LED flashes — 2. Swipe Enroll Card — Red LED flashes fast — 3. Swipe Enroll Card again — Green LED lights up with 4 short beeps Delete ASuccessed — 4. Swipe Delete Card to end the process
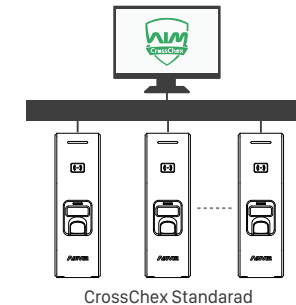
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10. Working with Management Software

① Install the Management Software on Computer

Put the CD in the management computer. The installation program will run automatically.
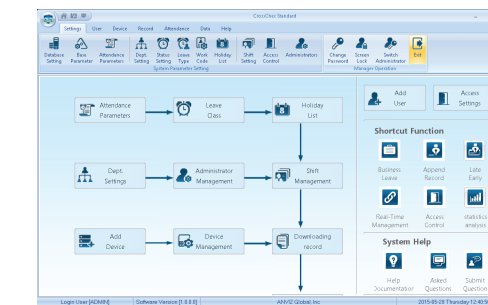
How to connect C2 slim with Software?

Connect C2 slim to Network

CrossChex Standarad

② Enable Communication between C2 slim and the Management Software CrossChex.

- Turn on management software CrossChex
- Go to Device tab. Search and Add the C2 slim to management software CrossChex
- Click Synchronize Time button to communicate with C2 slim. If Synchronize is successful, the device icon will turn to blue.

③ The Management Softwanre CrossChex Features.

- Device\Backup User:Download user info from C2 slim to CrossChex
- Device\Download Records:Download records from C2 slim to CrossChex
- User\Modify:Edit name or other user info. Then click 'Upload User' to Upload user info to C2 slim device.
- Record \Search:Search and view the records
- Attendance:Calculate, Seach results and Generate reports
- Data\Backup Database;Backup Database
- Setting\Shift:Set up Time Table and Scheduling
- Device\Device Parameter:Set up device, Clear records on C2 slim or Reset C2 slim to factory settings.

Any questions? Please feel free to send emails support@anviz.com to get support.