# PSA | Centrii

8" Touchscreen IP Video Intercom System

User Manual
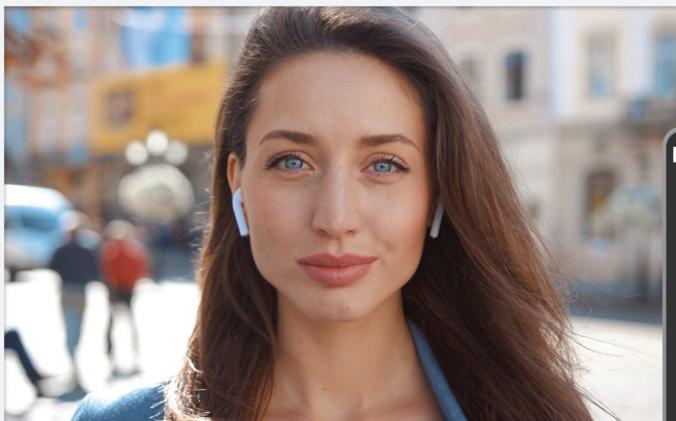
Model:
CEN28WSK-IP (kit)
CEN28WMS-IP (monitor)
CEN28DSRF-IP (door)

Table Of Contents

**For the full user manual,
scan the QR code to download
or visit www.psaproducts.com.au**

Monitor description
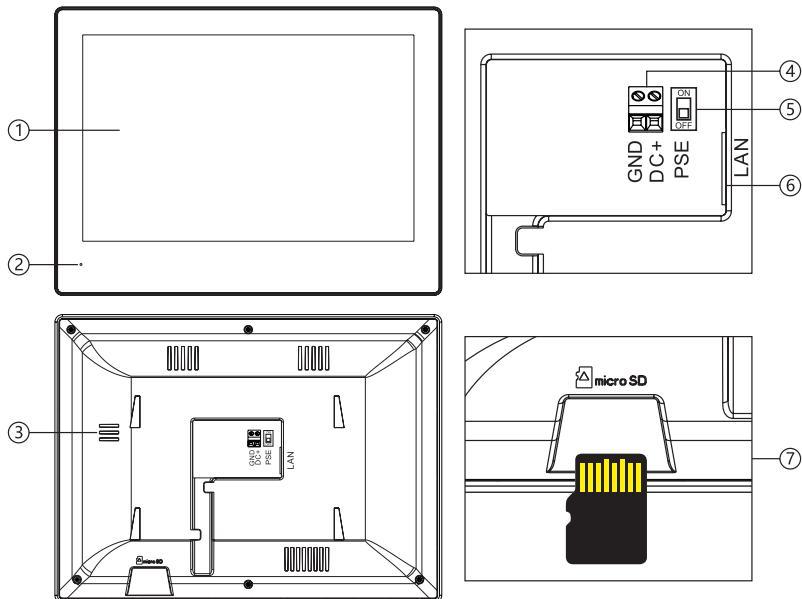
No.	Name	Description
1	Screen	8" screen
2	MIC	Microphone
3	Speaker	Loudspeaker
4	DC power supply	DC12V,24W
5	PSE switch	O/P: DC48V, 0.3A
6	Ethernet port	Network interface
7	Micro SD card slot	Max.512GB (Class 10, FAT32)

About the guide

- The guide serves as a reference document and should not be taken as the sole source of information about the product.
- The actual product should always be consulted to verify any details or specifications.
- We assume no liability for any losses incurred due to actions that do not adhere to the guidelines provided in the guide.
- We reserve the right to update the designs and software without prior notice.
- In the event of any uncertainties or disputes, our final explanation will be considered the conclusive interpretation.

Door Station description
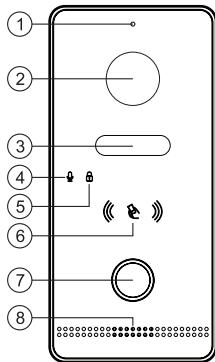
FRONT
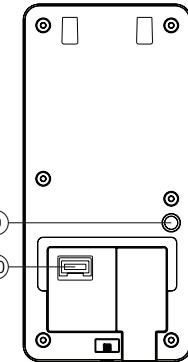
REAR
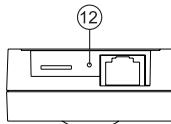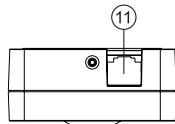
No.	Name
1	Microphone
2	Camera
3	Night vision
4	Talk indicator
5	Unlock indicator
6	Card read area

| No.	Name
7	Call button
8	Speaker
9	Anti-tamper button
10	Terminal
11	LAN
12	Reset button

Reset button operation
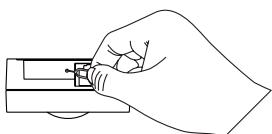
Note:

To restore factory settings, press and hold the RESET button until the light turns on and a beep is heard.

Intercom Wiring diagram

1. UTP Cable

2. WiFi

*IP Cameras resolution no greater than 3072 x 1728 pixels
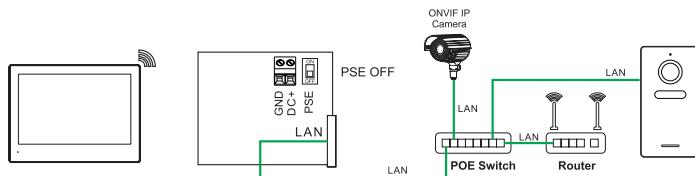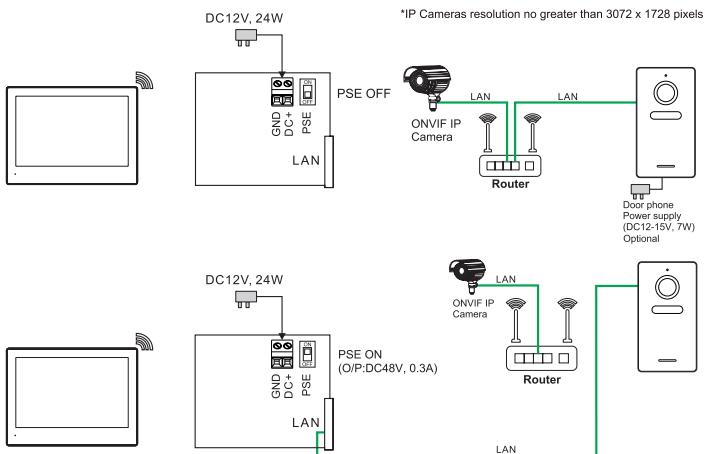
Terminate RJ45 cables to 568A standard.

One family: The maximum number of connected door station + IP camera is 8, for monitor is 10. Power supply: POE IEEE 802.3AF / DC12V,24W

Quick configuration

1. Configure the door station or camera

Before configuration, please make sure all devices are in the same IP network segment.

1.1 Add the door station automatically

When the indoor monitor and the door station are connected, the single-family door station will be automatically configured (this will happen 1-2 minutes after power is applied).

Note: If after 1-2 minutes the connection has not occurred (you cannot make a call) - check if the connection is correct, do a RESET on the door station and the monitor to reconnect.

Door Station wiring diagram


```
                    GATE NO (White) ■
                 GATE COM (Yellow) ■      Gate Controller
                   GATE NC (Green) ■
                     LOCK  -  (Blue) ■
                    LOCK + (Grey) ■
                      GND (Black) ■      Electronic
                        DC+ (Red) ■      lock
                      N/A (Orange) ■
              N/A (Orange & White) ■
                  INPUT 1 (Pink) ■
                 INPUT 2 (Brown) ■       Push to
                    GND (Black) ■        Exit button
             WG0 (Grey & White) ■
             WG1 (Blue & White) ■
```

Remark:
I/P DC12-48V,6W

PoE Switch

CAT5e/6   CAT5e/6

Monitor
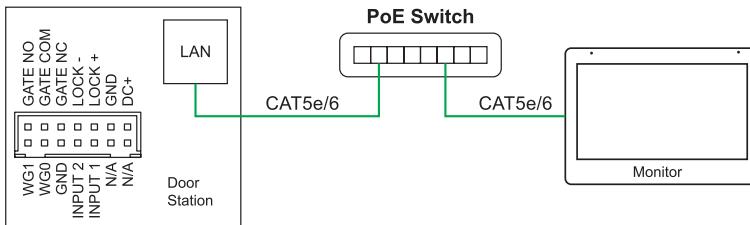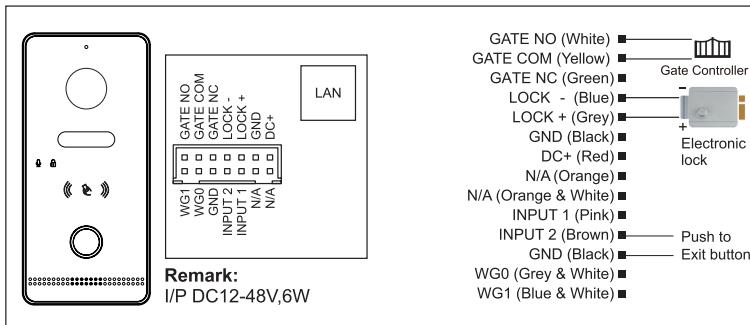
Door Station

Lock connection:

To ensure that the lock can be unlocked by the door station, you should meet the following condition:

• The power supply to the lock must not exceed 12V/0.7A .

• If the power supply to the lock exceeds 12V/0.7A, it is necessary to connect an external

• 12V power supply.

Gate connection:

To ensure that the gate can be unlocked by the door station, you should meet the following conditions:

1. Door station to be connected to a free egress input on the gate controller.

2. The door opener is limited to 30V, the current consumption may be a maximum of 4A.

3. This door opener is activated via the " ▥ " on the monitor.

Monitor Installation

1. Connect wires according to relevant wiring diagram and check whether the power supply meet requirements.

2. Ensure devices are powered off before installation.

3. Determine the monitor installation position: suggest installation height is 1.5~1.6m.

4. Install the bracket on the wall. To remove the wall bracket from the monitor - slide the bracket upwards.

5. Fix the indoor monitor onto the bracket. To put the monitor on the bracket - insert the guides and slide the monitor down.

6. Turn on the power after installation.
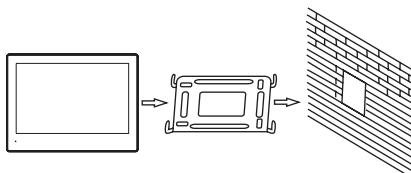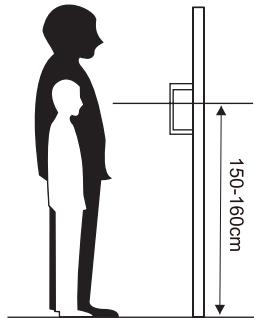
Door Station Installation

1. Drill screw and cable holes according to the wall bracket.
2. Secure the wall bracket on the wall with 2 fixing screws according to the screw holes.
3. Install the rain cover on the wall bracket.
4. Install the door station to the wall bracket.
5. Fix the device on the wall bracket with the grub screw.

Remark:

Apply silica gel to gaps between the device and the wall. Liquid sodium silicate is recommended.
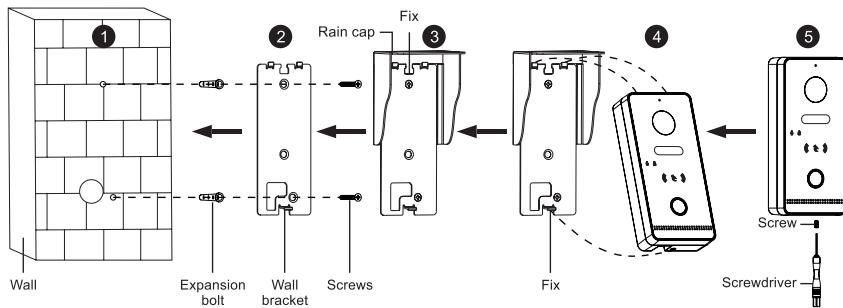
WiFi connection

The steps to connect the indoor monitor to WiFi are as follows:

Step 1: In the system main menu, click ⚙ → ⚙, then click **NETWORK SETTINGS** → **WIFI** to enter the WiFi setting interface, as shown in picture 1 and 2.

Step 2: After turning on WiFi, the WiFi list will pop up. Click the WiFi name in the list and enter the password to connect to WiFi, as shown in picture 3 and 4.

CONFIGURATION	>
NETWORK SETTINGS	>
RESET	>
REBOOT DEVICE	>
ENGINEERING PASSWORD	

Picture 1

‹ NETWORK SETTINGS	
IP CONFIG	>
SIP	>
WIFI	>
UNLINK APP ACCOUNT	>

Picture 2

‹	
WIFI	
MY WiFi	📶
SmartLife-8727	📶
CNET-EFTk	📶
MSL	📶
BoxC_F2_Office	📶
MERCURY_913E	📶
NET-M4kH	📶

Picture 3

‹ MY WiFi
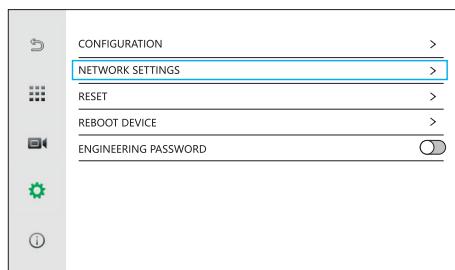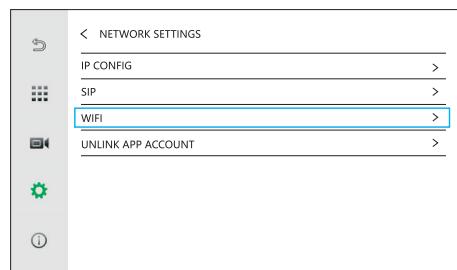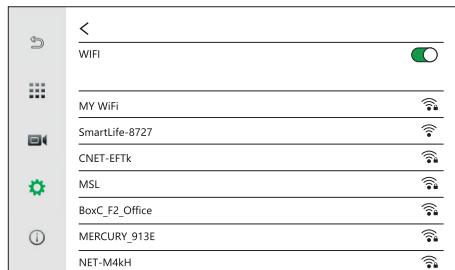
q w e r t y u i o p
a s d f g h j k l
⇧ z x c v b n m ⌫
?123 ↵
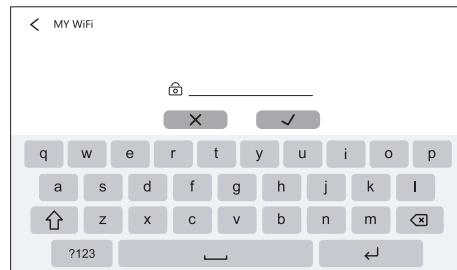
Picture 4

Configuring room setting

1. If only one door station and indoor monitor are connected, no need to set **APARTMENT NUMBER** or **MONITOR NUMBER**.

2. For multiple monitors, the **MONITOR NUMBER** of the master monitor must be set to 1, and the extensions to be set to 2/3/4… , note two indoor monitors cannot be set to the same **MONITOR NUMBER**.

3. Go into Main menu, click ⚙ → ⚙ , click **CONFIGURATION**, then input the correct **MONITOR NUMBER**.

4. In same family, set same **APARTMENT NUMBER** (the **APARTMENT NUMBER** can be set from 1 to 9999)

Eg: Set master monitor to **APARTMENT NUMBER 1 / MONITOR NUMBER 1** and slave one to **APARTMENT NUMBER 1 / MONITOR NUMBER 2**. Only the master monitor needs to add the door station, and the slave one (**MONITOR NUMBER 2/3/4…**) will automatically add the door station.

CONFIGURATION	>
NETWORK SETTINGS	>
RESET	>
REBOOT DEVICE	>
ENGINEERING PASSWORD	⬤

Picture 1

‹ CONFIGURATION	
APARTMENT NUMBER	1 ✎
MONITOR NUMBER	1 ⌄
ADD NEW DEVICES	>
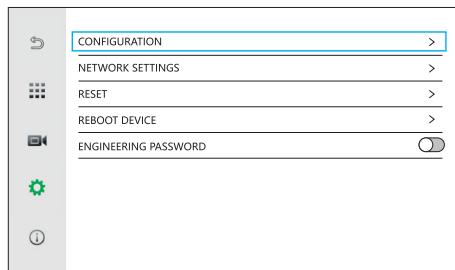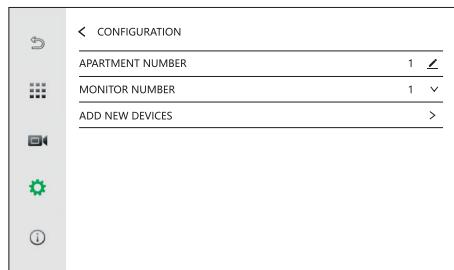
Picture 2

Configure QR Code Unlock

Ensure at least one door station is linked to the indoor monitor.

Generate the QR Code

Step 1: Enter ⚙ click in the top right corner and select **QR CODE SETTINGS** (Refer to Pictures 1 and 2).

Step 2: Enter the desired channel (CAM1/2/3/4) and click the ⊕ in the top right corner to access the QR code settings interface. You can create QR code unlock for DOOR or GATE (Refer to Pictures 3 and 4).

Step 3: QR Code Type Selection:

TYPE: **ONE-TIME** and **PERMANENT**. The default is **PERMANENT** (Refer to Picture 5).

BEGIN TIME: The start time for the QR code's validity (Refer to Picture 5).

END TIME: The end time for the QR code's validity (Refer to Picture 5) .

REPEAT: The default is "ALWAYS," meaning the QR code is valid from Monday to Sunday, and the weekday options are hidden (Refer to Picture 5).

CUSTOM: The options for Monday to Sunday appear. Selecting a day will turn its checkbox green (Refer to Pictures 6). You can also change the QR code name (Refer to Picture 7).

Step 4: After setup, click 🖫 save to be redirected to the QR code interface. You can also refresh the QR code by clicking (Refer to Picture 8) .
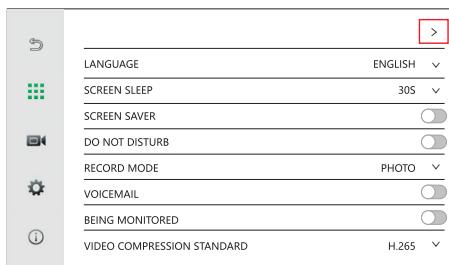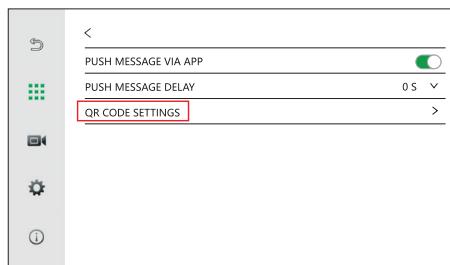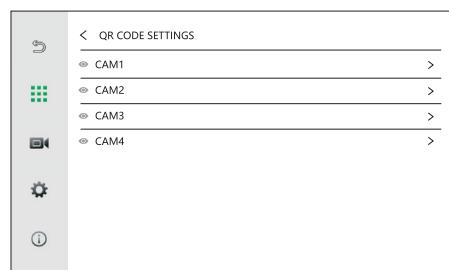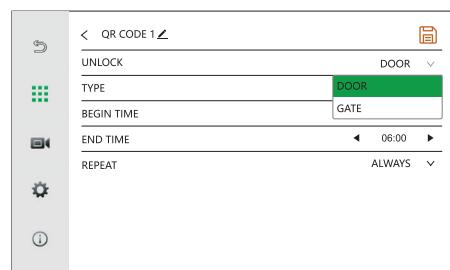
|	
Picture 1	Picture 2
Picture 3	Picture 4
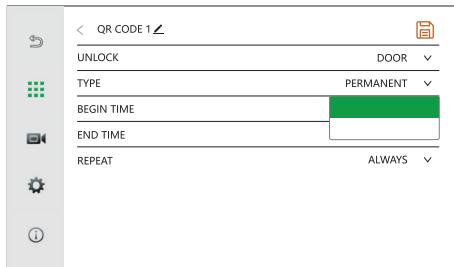
Picture 5
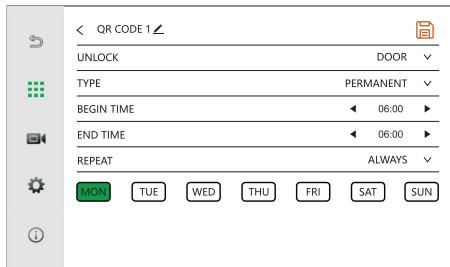
Picture 6
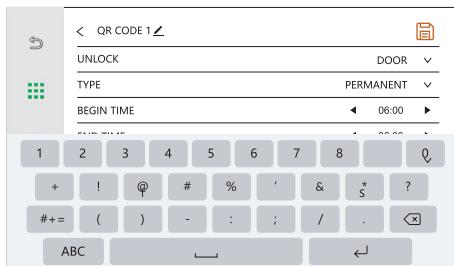
Picture 7
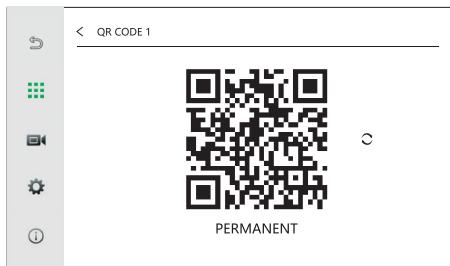
Picture 8

Note: When set to ONE-TIME, only start and end times are available (Ref. to Picture 9).
After use, a one-time QR code shows an "X" when viewed (Ref. to Picture 10).

Picture 9

Picture 10

Transfer QR code to Mobile

You can save or refresh the QR code to upload the image to the app's message center or capture it and save it to your photo album for easy access.

Note: To receive the QR code in the app's message center, you must have the PSACentrii app installed and be paired to the IP Intercom monitor.

RFID card configuration

1. Card management

IMPORTANT: To program a master card, do a short press on the "RESET" button on the back of the door station. The button light will blink and the speaker will beep. When you swipe an RFID card, a beep will confirm successful authorisation as a master card. The master card cannot unlock the door but is necessary for adding or removing user cards. Your kit comes with an orange pre-programmed master card, keep it safe for future use. The user cards are black.

1.1 User card registration

Swipe the master card 1 time, then swipe another RFID card, this will be added as a user card. You can continue to swipe other RFID cards to add more user cards. Swipe the added user card again to exit the setting mode when you're done.

1.2 Deleting master and user cards

a.   Swipe the master card 4 times in a row, and all user cards and the master card will be deleted, the button backlight will keep blinking and the loudspeaker keeps the beep sound again. Restart door station.

b.   If the master card is lost, pressing the "RESET" button on the rear side can also delete the master card and all user cards.

Note:

• You can register up to 1000 user cards with the door station.

• The card reading distance is less than 2cm.

• The door station will exit from setting mode automatically when there is no

• operation in 30 seconds.

• If you swipe an unregistered card, it will beep twice and the lock will not open.

2. RFID unlock

To unlock the door: In standby mode, when a valid card is swiped, the lock will open for 5 seconds by default.

To open the gate: Use the monitor or PSA Centrii APP.

APP configuration

1. Install the APP

Search for PSA Centrii in the app store of your phone and install it.

2. Apply account

After the installation is completed, open the app, create an account and log in.

3. Connection

Option 1: Scanning QR code

Step 1: Click ⚙ in the main interface of indoor monitor to enter setting interface → Click ⓘ → Click REGION to choose the right region, related QR code will be displayed.

Step 2: Open PSA Centrii APP → Click Add Device / ➕ → Click ⬜ in the upper right corner) → Scan the QR code displayed in the indoor monitor → Done.
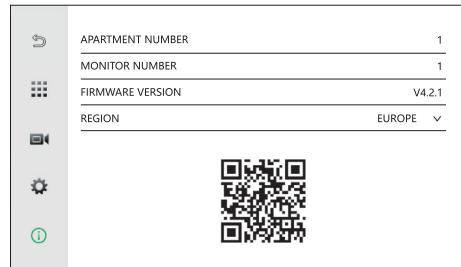
| Picture 1 | Picture 2 |

Note: To scan QR code on the monitor, the monitor must be connected to the internet by WiFi or cable.

4. Two-way talk setting

Open PSA Centrii app, click Monitor in the main interface → Click ✎ → Basic Function Settings → Talk Mode → enable Two-Way Talk

5. Call and Intercom

If a visitor calls the door station, all members of the family can answer via the monitors or by using the PSA Centrii app. If you have an electric latch installed you can unlock the door for the visitor remotely using the PSA Centrii app.

When receiving a call while in the PSA Centrii app you will see the answer interface, click to answer. When not in the PSA Centrii app at the time of a call, click notification then the APP will jump to the answer interface.
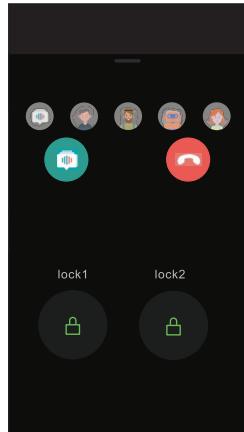
Picture 1	Picture 2	Picture 3

1. Click 📞 to talk with the visitor.

2. If no one answers after chime time ends, the calling will be automatically hung up .

3. Click 🔊, you can see 🔊 👤 👤 👤 👤, click a different one and you can have a different voice, the first one from the left is your voice.

4. At ring or answer state, swipe up ⌃, click 🔒 lock1 to unlock the door.

5. Click 🔒 lock2 to unlock the gate.

6. Swipe down ▬ to collapse the unlock panel.

7. Click 📞 to hang up the call or end talk.

Video intercom operation

1. Door station call

When a visitor calls in door station, all the indoor monitors in this house will chime simultaneously as below.
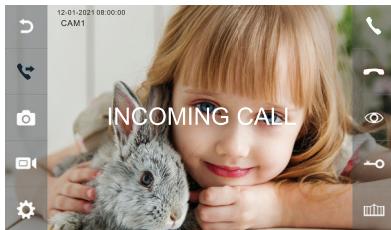
Picture 1

Picture 2

1. Click 📞 to talk with the visitor. Click 📞 to transfer the call to other indoor monitors. or Click 📞 on other internal monitors to answer the call.

2. If no one answers after chime time ends, indoor monitor will return to standby state .

3. At ring or answer state, click ⊶○ to unlock the door, and LCD will show "**DOOR UNLOCK**"

4. Click 🏛 to unlock the gate, and LCD will show "**GATE UNLOCK**".

5. If there is another incoming call from CAM2 when talking with CAM 1, the LCD will show "**NEW CALL: CAM2**", then click 📞 to switch the display image to CAM 2 and talk with another visitor.

Note: During intercom, click 🎤, the microphone will be mute, and icon turn to 🎤, also LCD will show "**MUTE**", Click 🎤 again, the microphone will return to normal and LCD will show "**PLEASE TALK**".

2. Video record setting

Click ![gear icon] in the main interface of the indoor monitor to enter setting interface, then click ![camera icon] to enter video interface, which displays 4 channels by default. Click CAM1/2/3/4 to enter video setting interface. NOTE: Micro SD card is required for recording Max.512GB (Class 10, FAT32)
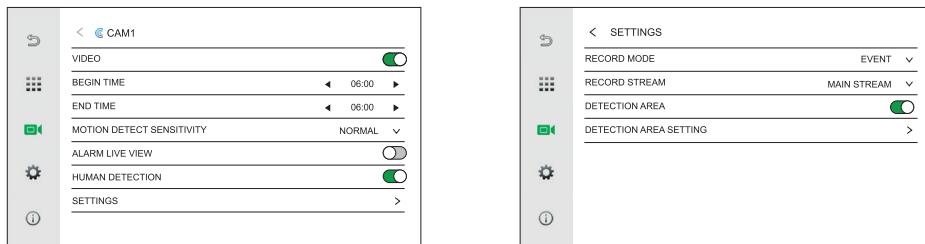
No.	Setting Item	Selection	Description
1	VIDEO		Enable or disable the recording function.
2	BEGIN TIME		Time to begin recording.
3	END TIME		Time to end recording.
4	MOTION DETECT SENSITIVITY		Can be set to HIGH / NORMAL / LOW. The higher the sensitivity, the farther the detection range.
5	ALARM LIVE VIEW		When enabled, the screen will light up once detect motion. When disabled, the screen will not light up once detect motion. Disabled by default.
6	HUMAN DETECTION		The recording function will not be triggered until the outdoor panel detects human-shaped motion. Disabled by default.
7	SETTINGS	RECORD MODE	EVENT — Recording when movement is detected.
			NON-STOP — Recording all the time.
		RECORD STREAM	Can be set to MAIN STREAM / SUB STREAM.
		DETECTION AREA	When enabled, you can select the detection area. Disabled by default.
		DETECTION AREA SETTING	Select the detection area.

Password setting

1.　Set engineering password

Click ⚙ in the main interface of the indoor monitor → click ⚙ → click on **PASSWORD** as shown in Picture 1 → turn on **ENGINEERING PASSWORD** to set a system password as in Picture 2.

CONFIGURATION	>
NETWORK SETTINGS	>
RESET	>
REBOOT DEVICE	>
PASSWORD	>

Picture 1

< PASSWORD	
ENGINEERING PASSWORD	🔘
RESET WEB PASSWORD	>
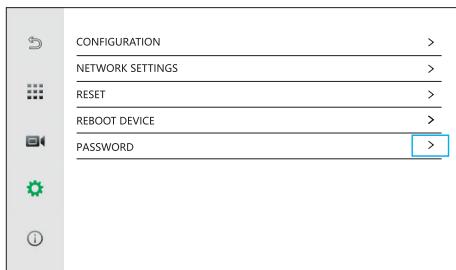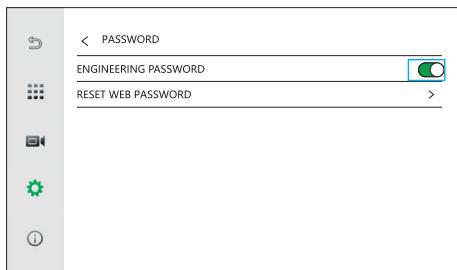
Picture 2

2.　Disable password

Click ⚙ in the main interface of the indoor monitor → click ⚙ → Long press on the password input field until **DISABLE PASSWORD** prompt appears as Picture 2.

ENGINEERING PASSWORD

ENTER PASSWORD

NO　　　　　　YES

Picture 1

DISABLE PASSWORD?

NO　　　　YES
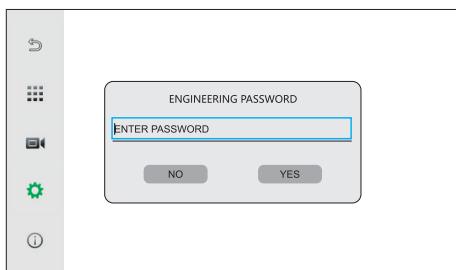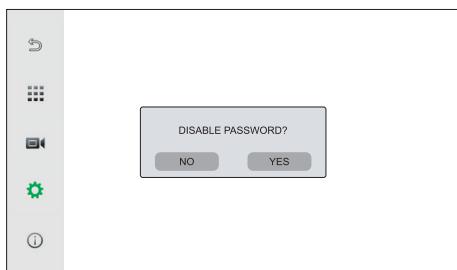
Picture 2

Reset Monitor operation

Click ⚙ in the main interface of indoor monitor to enter setting interface → Click ⚙

Click **RESET**.

Click **RESET SETTINGS** → click **YES**, The indoor monitor will reset all settings except for the language, apartment number, added devices (door station, camera), app account, and all photos in the inner memory of the monitor.

To reset factory settings:

Click **RESET FACTORY SETTINGS** → click **YES** and all data except the app account will be restored to factory settings.

To remove device from PSA Centrii APP:

Press and select the device you wish to remove on the main page of **PSA Centrii app** → select the pencil in the top right corner → select **Remove Device** → Click **Confirm** in the pop-up window → **Done**.

CONFIGURATION	>
NETWORK SETTINGS	>
RESET	>
REBOOT DEVICE	>
ENGINEERING PASSWORD	⬤

Picture 1

< RESET	
RESET SETTINGS	>
RESET FACTORY SETTINGS	>

RESET FACTORY SETTINGS?

NO   YES
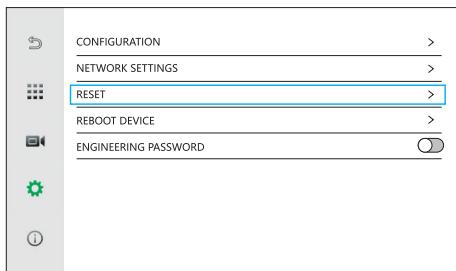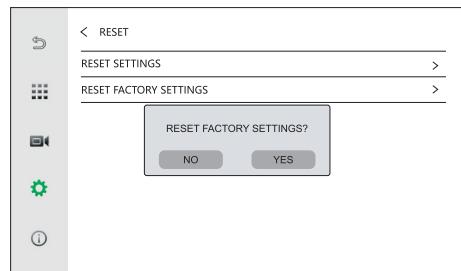
Picture 2

Main specifications

Camera Resolution	2MP
Angle of view	125°
Video compression standard	H.265 (default), H.264
Night vision	Smart IR
Network	10M / 100M adaptive belt POE
Gate	NO/NC (MAX AC/DC30V 2A)
Output unlocking	NO: MAX DC12V 120mA (Transient current: 700mA-40ms)
Wiegand 26/34 output	Set via an indoor monitor
Tamper alarm	Support
RFID	13.56MHZ/Mifare/Supports ISO/IEC 14443 type A 106kb/s (IC)
	Number of user cards supported: 1000
	Card reading distance: ≤2cm
Protection grade	IK07; IP65
Power supply	POE IEEE 802.3AF / DC12-48V,6W
Working temperature	-30°C to +60°C (-22°F to +140°F)
Working humidity	10%RH – 90%RH (non-condensing)

Note	• Thank you for purchasing our products.
	• The products are subject to change without prior notice.
	• The company is not responsible for any safety accidents caused by abnormal operation of the product.
	• Please carefully read this user's guide (in particular, precautions for safety) before using the product and follow instructions.
	• The guide is for reference only. if there is inconsistency between the guide and the actual product, the actual product shall prevail.

Warranty & Liability

1   PSA Products Pty Ltd (ABN: 99 076 468 703) of 17 Millicent Street, Burwood 3125 Victoria, Australia warrants this product for a period of two year from the date of purchase, as reflected on the Authorised Resellers or Distributors invoice/ receipt provided to you. PSA Products Pty Ltd will repair or replace the product (at the option of PSA Products) due to any manufacturing defect, at the cost of PSA Products Pty Ltd (excluding any labour costs relating to removal or re-installation of product, and transport costs).

2   This warranty shall not apply to the product if it has been damaged, modified, abused or altered after the date of purchase, or if it fails to operate due to improper maintenance.

3   To the extent permitted by law, the liability of PSA Products Pty Ltd arising from the sale or under the terms of this limited warranty shall not in any case exceed the cost of replacement and subject to this clause. In no case shall PSA Products Pty Ltd be liable for consequential loss or damages resulting from the failure of the product or breach of this, or: Any other warranty, express or implied, loss or damage caused by failure to abide by the instructions supplied in the leaflets.

4   To the extent permitted by law, PSA Products Pty Ltd., makes no warranty, expressed or implied, written or oral, including that of merchantability or fitness for any particular purpose, with respect to the consumer replaceable battery if any. A product with non-serviceable built-in battery is covered under warranty of the product as per point 1.

5   This warranty is provided in addition to other rights and remedies you have under law: Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. What constitutes a major failure is set out in the Australian Consumer Law.

6   To make a claim under warranty, take the product (with a proof of purchase) to the store where you purchased the product or contact PSA Products Pty Ltd. Phone (03) 9888 9889. or Email: enquiry@psaproducts.com.au with details, proof of purchase or expense claim in writing.

PSA

PSA Products Pty Ltd
17 Millicent St, Burwood,
VIC 3125 Australia

T. 1300 772 776

enquiry@psaproducts.com.au
psaproducts.com.au