

PSA

Centrii

Smart Security Floodlight Camera

User Manual



Model:
CENFLCAM2-B

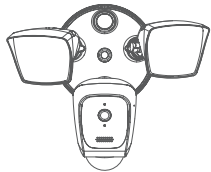
Welcome

Thank you for choosing our Centrii Floodlight Camera. Getting started is easy.

For improved home safety, consider our Centrii Video Intercom which operates on the same app.

For more information, visit psaproducts.com.au

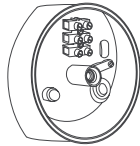
Kit Contents



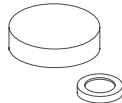
Floodlight Camera



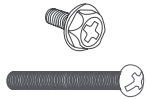
Mounting Screws



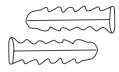
Surface Mount Bracket



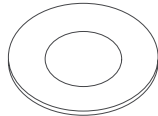
Silicone Cap



Housing Screws



Screw stopper



Waterproof Cushion



Quick Start Guide

1. Preparing To Install

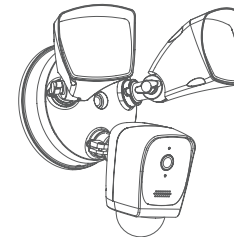
Please install the Floodlight Camera within good Wi-Fi coverage area to ensure the best working performance.

To check Wi-Fi signal strength, use the signal bars on your mobile phone to check the Wi-Fi strength at the intended installation location. For internet speed tests, use a speed test App on your phone such as "SpeedTest app by Ookla" (www.speedtest.net).

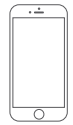
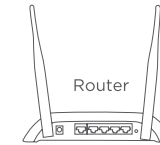
This product requires a minimum upload speed of 5Mbps for optimum performance.

For areas of poor Wi-Fi signal strength, we recommend installing Wi-Fi boosters which are readily available from retail stores.

Note: The camera only works on the 2.4GHz Wi-Fi band.
It does not support 5GHz Wi-Fi connection.



Camera



Smartphone

Note: Suggested installation height of floodlight is between 2.4-3.0m from ground level.

For best performance, we recommend installation height of 2.7m with camera and PIR angled down 15 degrees.

Note that as the downward angle of the camera & PIR body increases, PIR motion detection range reduces.

2. Turn Off Light Circuit

WARNING: Risk of electrical shock. This product must be installed by a licensed electrician.

- Disconnect power at the fuse or circuit breaker before installing.
- Verify that the supply voltage is correct. Connect fixture to a 240VAC 50Hz power source.
- Ensure the device is properly grounded
- Always follow code standards when installing wired connections.

CAUTION: Risk of fire

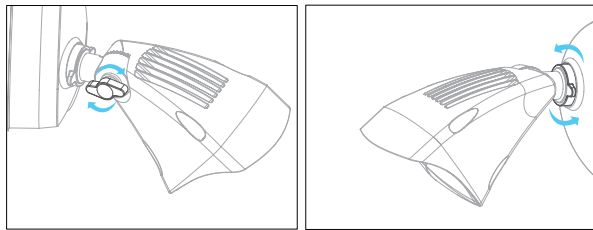
- Do not install near combustible or flammable surfaces.

NOTICE: Do not connect this light fixture to a dimmer switch or timer.

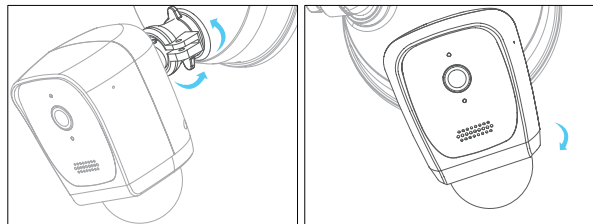


3. Prepare the Floodlight

1. Loosen the knobs on the light fixtures to rotate them out of the way to allow access to the mounting screws.



2. Adjust the view angle of the camera to allow access to screws and re-adjust after installation to suit the scene.



4. Floodlight Installation

- 4.1 Adhere the waterproof cushion to the back of the mounting base and secure surface mounting box on the wall. Use supplied mounting template if required.

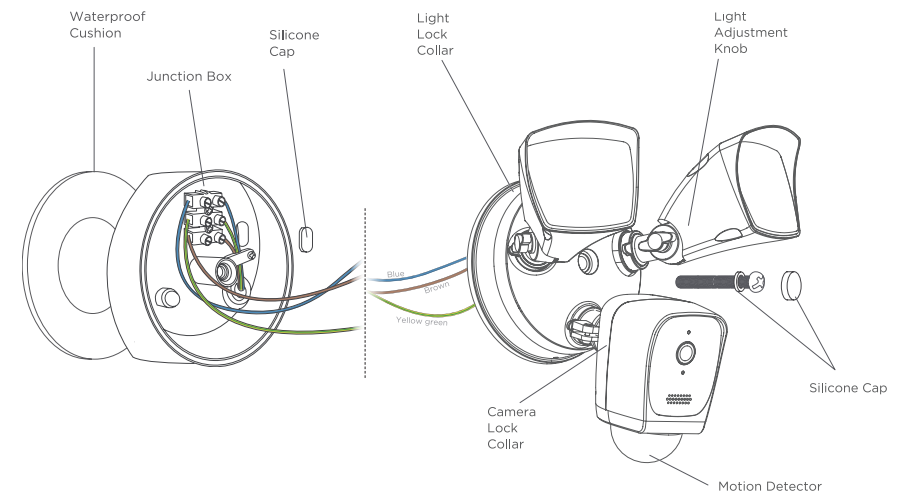
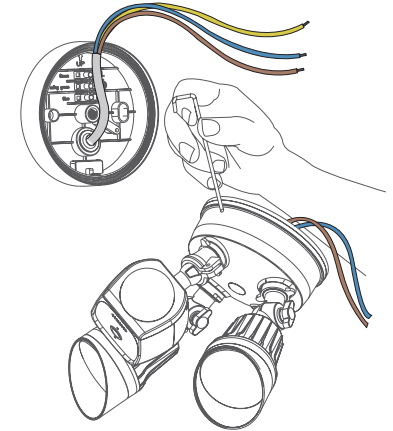
NOTE: Suggested installation height of floodlight is between 2.4-3.0m from ground level.

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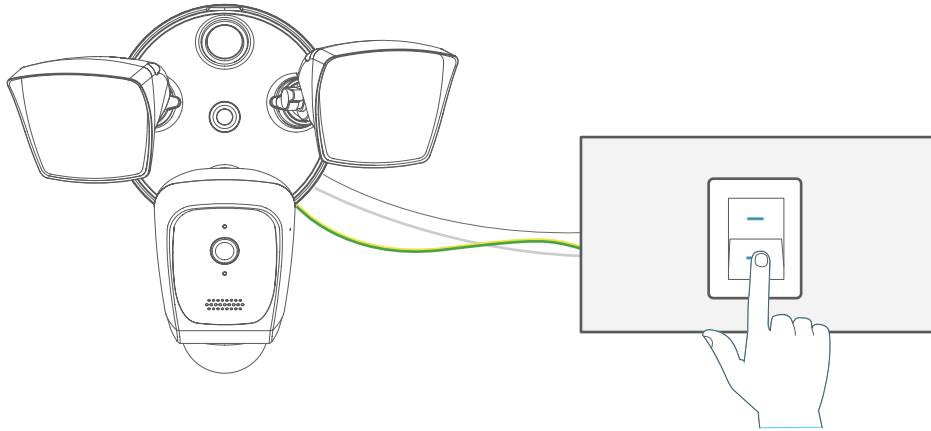
CAUTION: Do not over tighten the screw as it may damage the mounting box.

- 4.2 Hang floodlight fitting on surface mounting box using the hanging hook provided
- 4.3 Connect power cables to terminal block noting ACTIVE (brown), NEUTRAL (blue) and GROUND (green) wires.
- 4.4 Mount floodlight fitting on to surface mounting base and secure with long housing screw. Once secured, cover screw with supplied silicone screw cover
- 4.5 Re-adjust floodlight and camera position to suit the scene



5. Restore power at the circuit breaker

Switch light circuit on and turn light switch on. After restoring power, the lights will turn on and your Floodlight Camera will sound a tone to let you know it's in setup mode.



6. Set up your camera

Important: Ensure a strong WiFi signal is available at the Floodlight Camera mounting location. Also, confirm your Wi-Fi modem/router is ONLINE to the Internet.

STEP 1

Download the PSA Centrii App

- Download "PSA Centrii" App from the Apple App Store, or Google Play Store.
- Tap the PSA Centrii app icon to start the mobile app.
- Register a free account with your Email address.



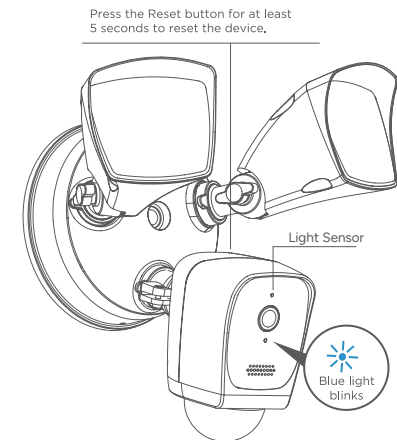
Figure 1. App Login & Registration

STEP 2

Turn On the Floodlight Camera

- Power on the Floodlight Camera.
- Wait for the Red LED to blink quickly.

Tip: If you do not see a blinking red LED, then press its reset button (back of camera module) for 5 seconds to reset the unit. Allow several minutes for the Floodlight to reboot.



Note: Reset button is located under silicon tab at the back of camera body next to SD card slot.

6. Set up your camera Continued

STEP 3

Pairing with the PSA Centrii App

- On your mobilephone, temporarily turn **Airplane Mode to ON** (with Mobile Data to OFF). Then re-enable the Wi-Fi function only on your phone.
- the PSA Centrii App, tap **"Add Device"**. (Figure 2)
- In the left column, tap **"Security"**. Then tap the **"PSA Centrii Floodlight Camera"** icon. (Figure 3)
- If **"EZ Mode"** is shown on top right of App screen. Tap it to change to **"QR Code for Camera"**. (Figure 4)
- Tap **"Confirmed front LED is rapidly flashing red"**
- Then tap **"Next"**.

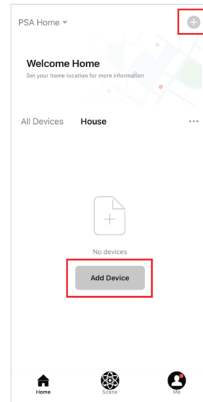


Figure 2. Add Device

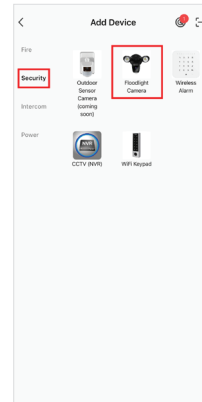


Figure 3. Select Product

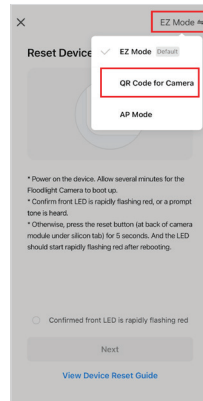


Figure 4. EZ Mode



Figure 5. WiFi Login

- Enter the login details of your local 2.4GHz Wi-Fi network, together with its password. (Figure 5). Tap **"Next"** to continue.
- Present the QR Code on your phone screen to the Floodlight Camera (lower module). Move your phone back & forth slowly in front of Floodlight Camera.
- Tap **"I heard a prompt"** to continue.
- Wait for the App to complete pairing and registering the Floodlight Camera. (Figure 6)
- The App will report **"Device added successfully"**. Tap **"Done"** to acknowledge. (Figure 7)

Tip 1: The Floodlight Camera LED should have turned solid Blue.

Tip 2: Tap the Pencil icon to rename the device.

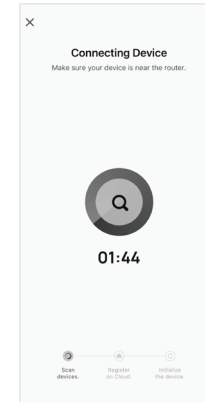


Figure 6. Pairing

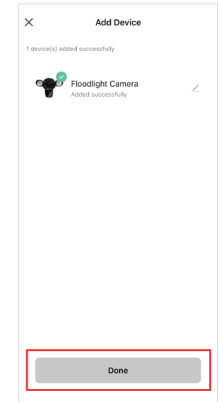


Figure 7. Success!

Congratulations, your phone App is now paired with the PSA Centrii Floodlight Camera.

Tip: Tap the **"Security Camera"** icon on the main page to enter LiveView.

If the App fails to pair with Device:

- Split your Wi-Fi bands to create a distinct SSID for the 2.4GHz band (e.g. "YourWiFi_24GHz"). Turn off **"Band Steering"**.
- Turn off WPA3 Wi-Fi Encryption. Most of our devices can currently only use WPA2 Encryption.
- Perform a speed test on your 2.4GHz Wi-Fi band, next to your Floodlight. A minimum Upload Speed of 2Mbps is required."

7. Sharing Access of Floodlight Camera

Your Floodlight Camera can be accessed by other users; by sharing the device with them (eg. other household members).

Sharing can only be setup by the primary (original) login account.

STEP 1

Create New User Accounts

- Install the PSA Centrii App into the smartphones of each user.
- Create a new User Account for every user to receive sharing. Tap **"Register"** to begin, & follow the App prompts.

Each user will need a unique email address as their App account ID.

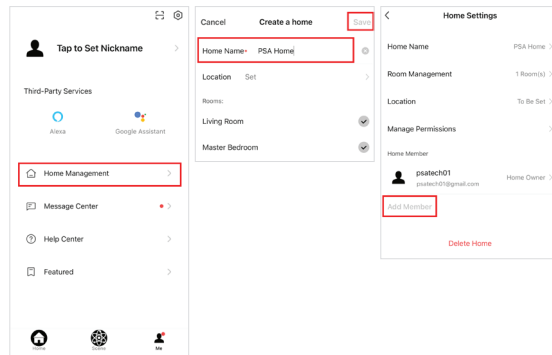


Preparing To Share

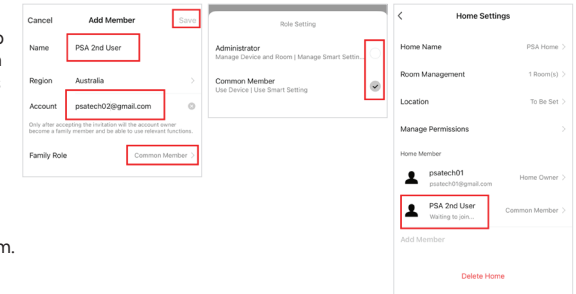
- Login to your primary PSA Centrii App account.

STEP 2

- On the Main page of the PSA Centrii app, tap the **"Me"** icon on the bottom right corner. Then tap **"Home Management"**
- Tap **"Create a Home"**. Complete the new **"Home Name"** field. Then tap **"Save"** at top-right corner. (In this example, "PSA Home" is the Home Name)
- Tap your new Home name (e.g. "PSA Home").
- Tap **"Add Member"** to share with another user.
- Tap the **"App Account"** icon.



- Enter the preregistered Login (email address) of a new member (from Step 1) into the 'Account' field. Also enter a Name (of your choice) to identify this member.
- Select the sharing permission for this user (either as default **"Common Member"**, or **"Administrator"** with full rights).
- Tap **"Save"** (topright corner) to confirm.
- The App will list the new shared user, but with a pending message **"Waiting to join ..."**

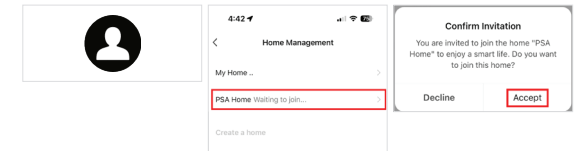


STEP 3

Accept Shared Device

To complete the sharing process, the other user must accept the share invitation through their account login.

- On the other user's phone, log into their PSA Centrii app account.
- Tap **"Me"**, then **"Home Management"**. Look for an invitation message (**"Waiting to join.."**). Tap it to select.
- Tap **"Accept"** to confirm invitation.
- Tap **"Home"** to return to the Main Page.
- Tap top left corner to switch to the newly accepted Home. All PSA Centrii devices linked to this new Home will appear in their account.
- Repeat the above Steps 2 to 4 to add more shared users.



8. Testing the Floodlight Camera

IMPORTANT: The Floodlight Camera will not automatically switch on the Floodlight in daytime, even when motion is detected.

To test the motion detection function during daylight hours, simply cover the Light Sensor (on the upper part of the camera module). Please see the illustration in Section 6 for location of Light Sensor. Any motion detected by the device should switch on the Floodlight.

The Floodlight can also be manually controlled using the App (Tip: Tap the “Lamp” icon in the LiveView menu).

You’re done!

Congratulations! Your camera is set up and ready to go.

Recording Options

The floodlight camera has 2 recording options:

Local SD Card recording

Insert SD card (max. size 128GB) to the slot located at the rear of camera body under the silicone tab.

Once inserted, open the floodlight camera in the app and go to settings>record settings to activate local recording.

Cloud recording

Subscribe via the PSA Centrii app for 30 day recording options.

App Features

Additional features are available via the PSA Centrii App. To access the LiveView screen, tap the Floodlight Camera icon on the App main screen.

TIP: The Pencil icon, which opens Settings menu, is at top right corner of the LiveView screen.

Motion Detection Enable/Disable

Tap: LiveView screen > Pencil (icon) > “Detection Alarm Settings” > “Motion Detection Alarm”. (Or: LiveView > Alarm (icon) > Motion Detection Alarm)

NOTE: This setting also controls whether motion detection will trigger floodlights at night.

Talk Mode

Tap: LiveView > Pencil (icon) > Basic Function Settings > Talk Mode.
Select: “One-Way Communication” or “Two-Way Talk”

Motion Zone Sensitivity and ON-Timer

Tap: LiveView > Motion (icon) > Select “Low”, “Middle” or “High” and timer duration.

TIP: If the Motion icon is not visible, simply flick the LiveView icon menu upwards to show more icons.

Motion Detection Do-Not-Disturb Schedule

This Schedule will block notifications on your App during the scheduled period.

* Main screen: Tap “Me” > Settings > App Notification > “Do-Not-Disturb Schedule” > “Add Schedule” > “Do-Not-Disturb Device” > Select your Floodlight Camera > Left arrow (top of screen) to exit > Set the Schedule & Repeat parameters > “Save”.

TIP: Check “Do-Not-Disturb Schedule” option is turned on.
Add more Schedules, if needed.

Siren On/Off (to scare off an intruder)

Tap: LiveView > Buzzer (icon) > Power button to toggle audio On/Off

Device Sharing (multi-user access)

Sharing can be configured from the paired login account to additional login accounts.

Tap: LiveView > Pencil (icon) > Share Device > Add Sharing > Enter additional account ID > Tap Done to save setting

Recording Mode

Tap: LiveView > Pencil (icon) > Storage Settings > Recording Mode

Select: “Event Recording” or “Non-Stop”

Appendix: Camera LED Guide

NO.	LED Status	Camera Status
1	Red LED on	System starting up
2	Red LED blinks	Standby for configuration
3	Blue LED blinks	Network pairing
4	Blue LED on	Camera online

Specifications

Image Sensor	1/2.7" Colour CMOS
Display Resolution	3MP @ 15fps (2304*1296 pixels)
Mini. Illumination	0 Lux (with infrared LED on)
Focal Length	2.9mm
Viewing Angle	130° D/110° H /55° V
IR LED	10pcs 850nm LED IR distance 10m
Floodlights	2pcs floodlights combination up to 2500LM
Audio	Built-in Mic & Speaker
Wireless	802.11b/g/n WiFi @ 2.4GHz only
Wireless Security	WPA/WPA2/WPA3, WPA-PSK/ WPA2-PSK/WPA3-PSK
PIR Motion Detection	270° PIR motion detection up to 8m
Power Consumption	≤30W
Storage	Micro SD Card up to 128GB
Cloud	Support cloud storage by paid subscription
Working Temperature	-20°C ~ 55°C
Installation Height	2.4 - 3m
Power	Hardwired (AC 100-240V)
Warranty	2 Years



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 years 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

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