

ChowCAM



User Manual

Wireless Outdoor IP Camera



www.tmt-automation.com

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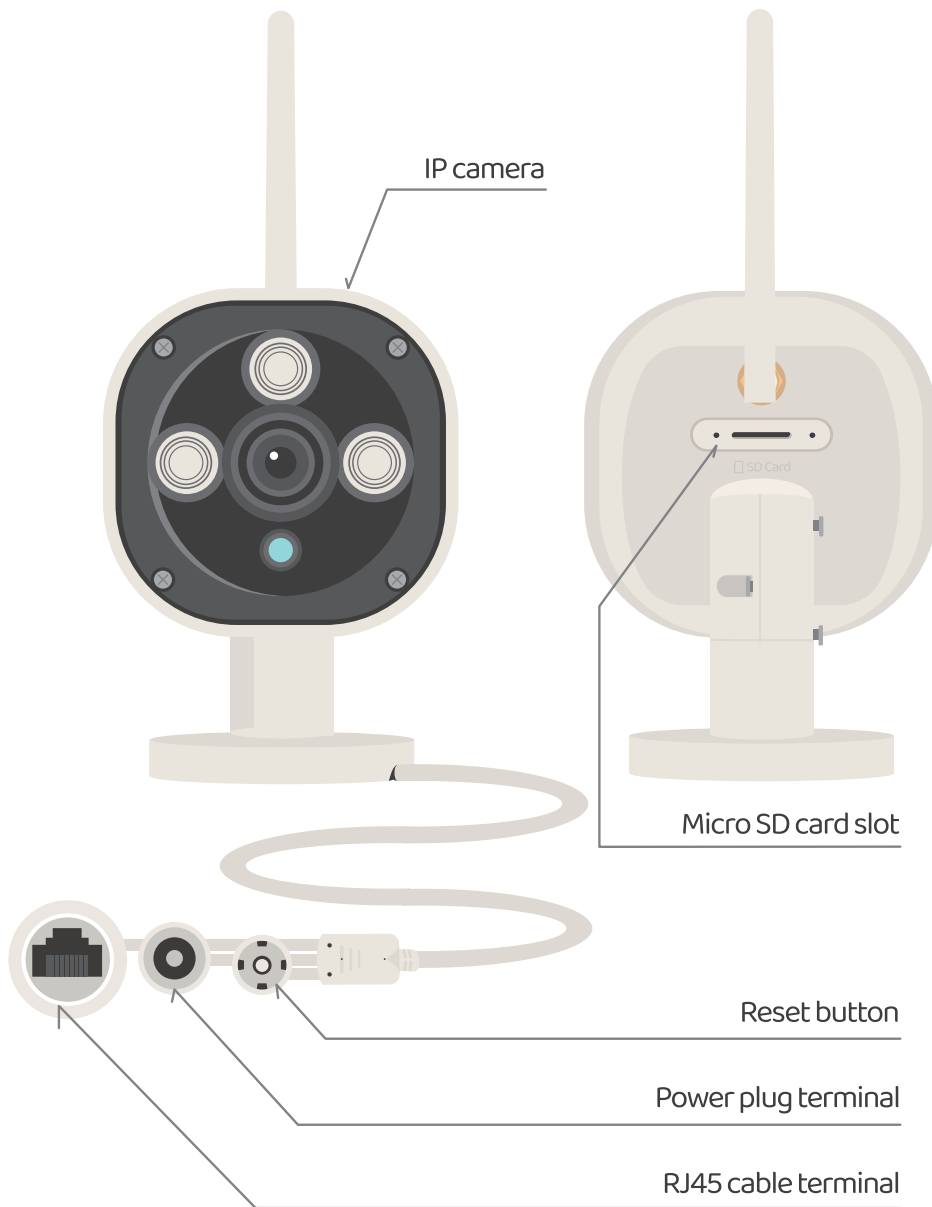
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Introduction of the ChowCAM

ChowCAM is a device which can be integrated with Chow! App and Chow's devices. ChowCAM will provide a live view of the site which allows you to check the environment before operation. With a micro SD card, ChowCAM can record each operation and movement for future review.

Product Overview

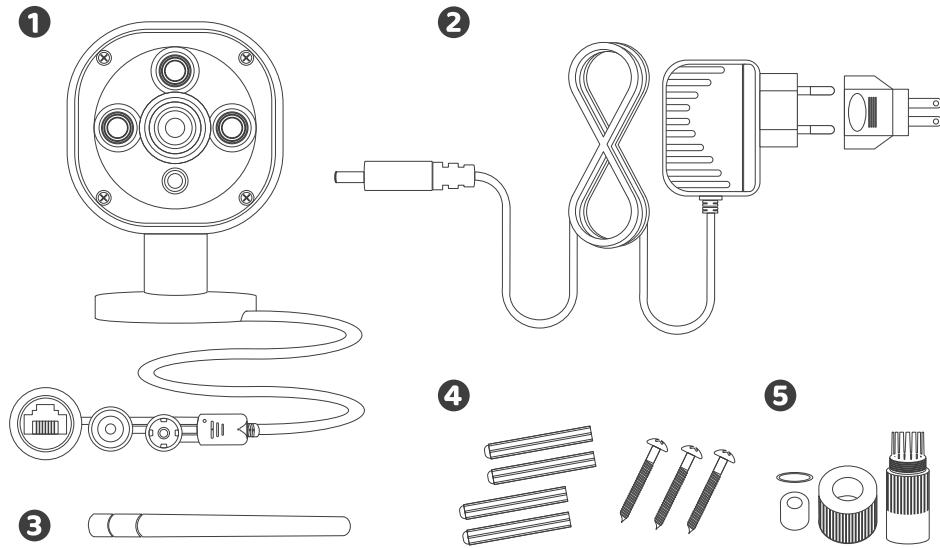


⚠ WARNING

Safety Instructions

Please read this manual carefully before installation. TMT Automation Inc. is not responsible for improper installation and failure to comply with local electrical and building regulations. Please keep all the components of the ChowCAM and this manual for further consultation.

Kit contents

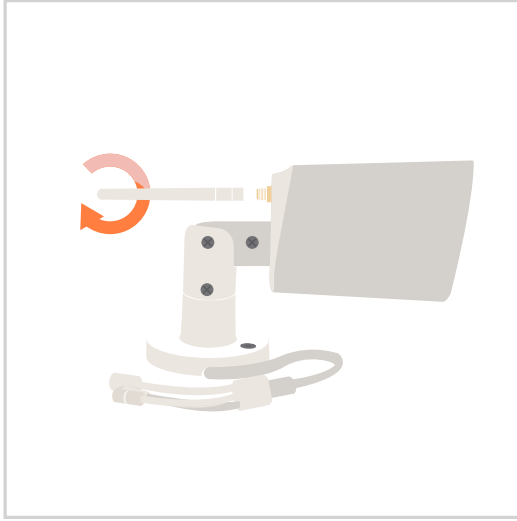


- 1 ChowCAM 2 Power plug 3 Antenna 4 Anchors with Screws Kit 5 Cable gland

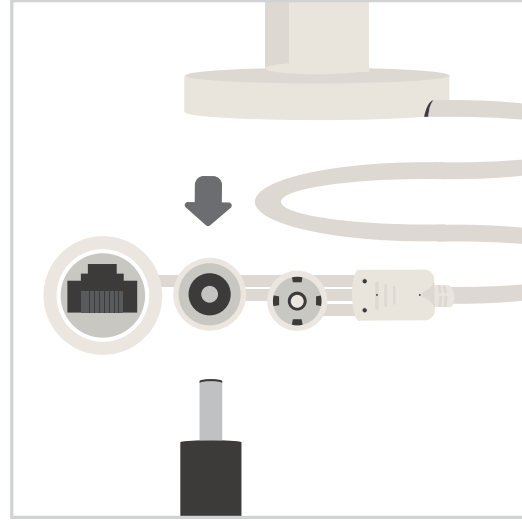
Specifications

Image Sensor	Image Sensor	1/4" Color CMOS Sensor
	Display Resolution	1280 x 720 Pixels
	Lens	3.6mm
Video	Mini. Illumination	0.5 Lux
	Viewing Angle	110 Degree
	Image Compression	H.264
	Image Frame Rate	25fps (VGA), 25fps (QVGA)
	Flip Mirror Images	Vertical / Horizontal
Communication	Light Frequency	50Hz, 60Hz, Outdoor
	Waterproof Level	Suitable for outdoor use
	Infrared Light	IR LEDs, Night visibility up to 15 meters
	SD Card	Max Support to 128GB (Not include SD card)
	Motion Detection	Support
Power	Power Supply	DC 12V/1.0A
Environment	Operating Temperature	-5°C ~ 50°C

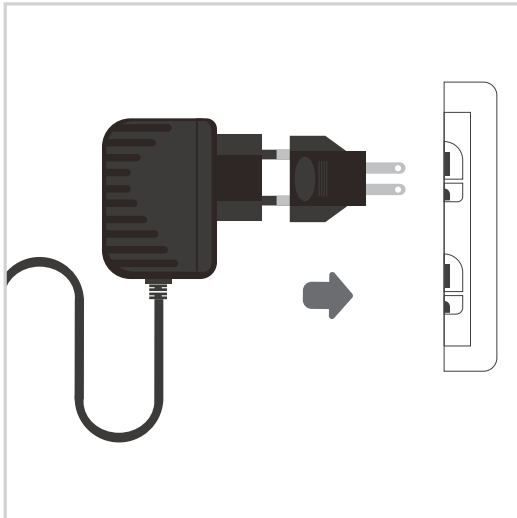
General Installation



1 Connect the antenna to the ChowCAM.



2 Connect the power plug to the ChowCAM.



3 Connect the power plug to a power outlet.

Apply for a new Chow! account

1. Please scan the QR code and download the Chow! App
2. Press sign up icon and press the agree icon to continue
3. Please type the following information for registration:



- a. Email (enter twice for verification)
- b. Password (enter twice for verification)
- c. The password should have at least 1 English character and at least 8 characters in total

4. The system will send a link to your email when the registration succeeded.
5. Please go to your email, and click the link to activate your Chow! account.
6. Please log in to your Chow! account.



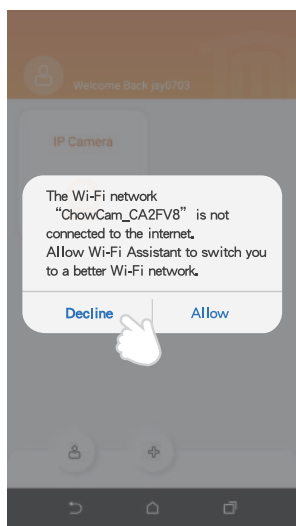
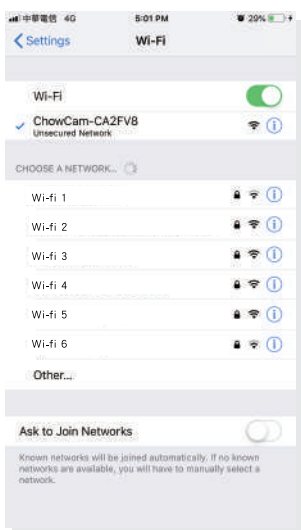
Connect ChowCAM to Chow! App

Step 1 Connect to ChowCAM's AP (1st user – Owner)

Make sure the ChowCAM is well installed and powered.

Switch to your Wi-Fi setting page on your smart phone to connect to "ChowCAM-XXXXXX" (XXXXXX is the UID of the device).

**If you can not find any accessible Wi-Fi from the ChowCAM, please refer to "Return to the default setting" in the page 13.



*****Please refer to the FAQ if the AP of the ChowCAM cannot be found*****

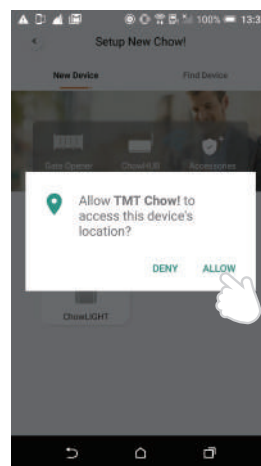
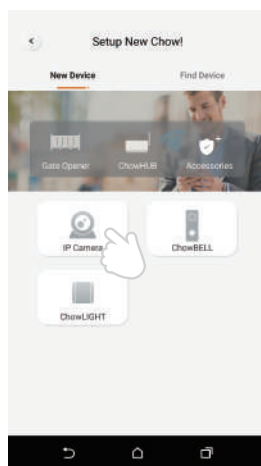
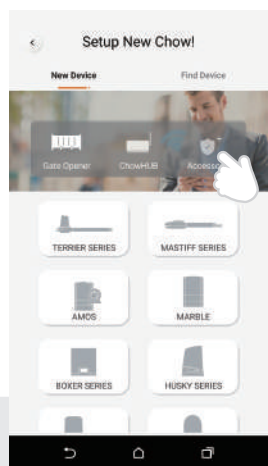
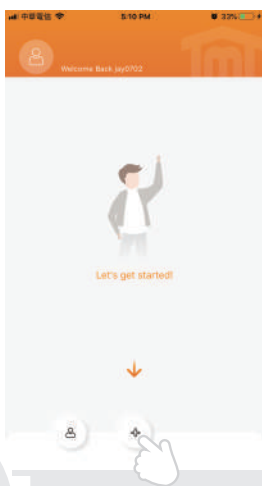
*****Please wait for 20 seconds after connecting to the AP of ChowCAM*****

*****Please press the decline button when the connection hint shows up*****

Step 2 Add a new ChowCAM

Tap (+) icon to add a new device.

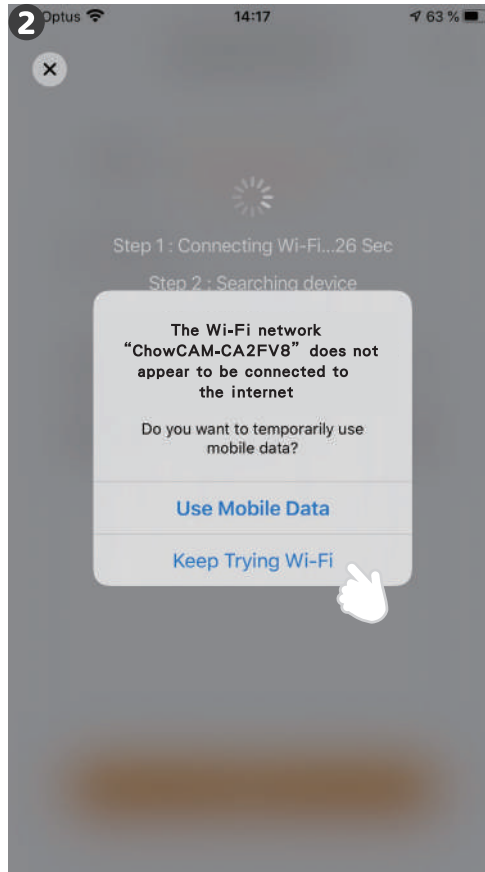
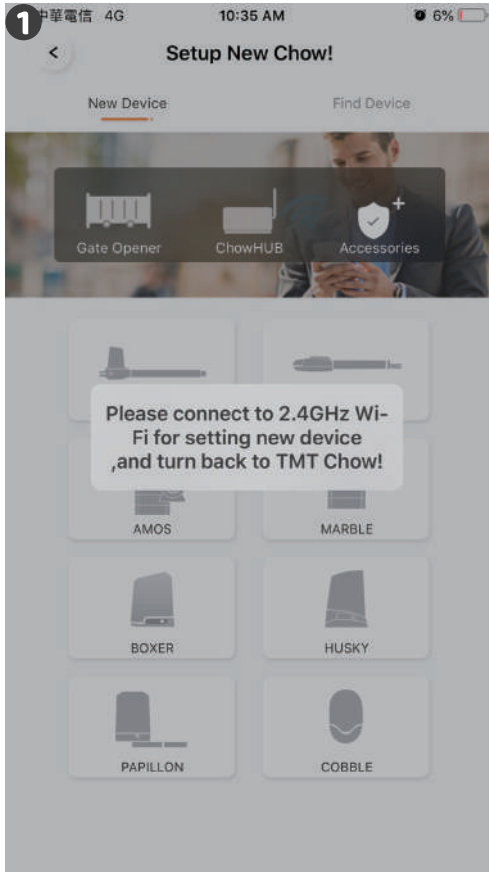
New Device -> Accessories -> ChowCAM



IF with above hint show up, press "ALLOW" for TMT Chow! to access your device's location to get the corresponding Wi-Fi source

***** Hint may be vary depending on different phone system.*****

Step 3 Indications of connection



- 1 When you are adding a new ChowCAM, the App shows "please connect to 2.4GHz Wi-Fi," but you have already connected to ChowCAM's AP

*****The system takes time to connect to ChowCAMs Ap.**

Please wait until your smart phone shows the Wi-Fi icon on the top of your smart phone screen.

It takes about 20-30 seconds.***

- 2 When doing the connection, the App shows "the ChowCAM's Wi-Fi is not connected to the internet."

*****A ChowCAM's AP is a closed network which is only used for connecting to your home Wi-Fi system.**

Please tap the "Keep Trying Wi-Fi to finish the connection. ****

Step 4 Set the PIN code and connect to your home Wi-Fi

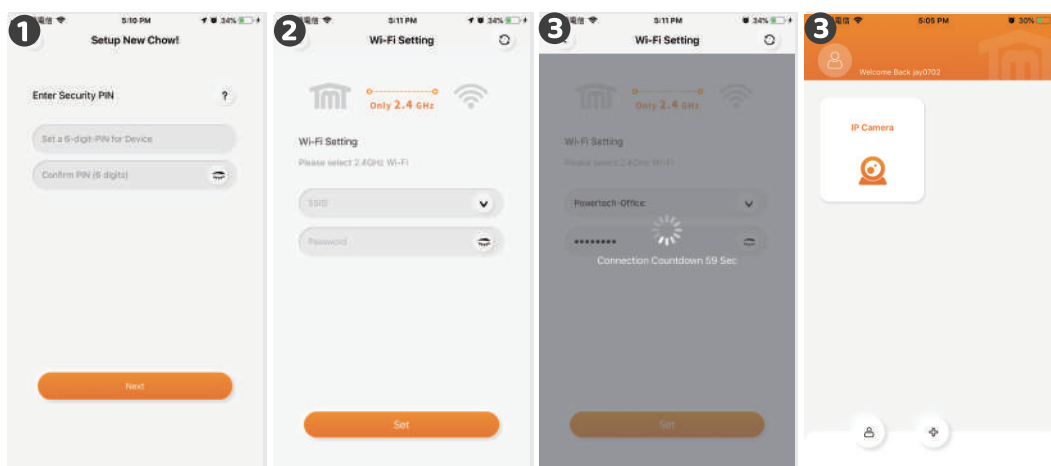
- 1 Set the security PIN code. The PIN code is used for the device sharing.

***** Please refer to the FAQ_Question 1 if you forgot the PIN code.*****

- 2 Select your home Wi-Fi (Only 2.4GHz) and enter the correct password. Tap the "SET" icon to connect to your home Wi-Fi.

***** Please make sure to enter the correct password with the right characters. Not support with Non-English SSID (Wi-Fi name)*****

- 3 After counting down, the ChowCAM will appear on the main page.

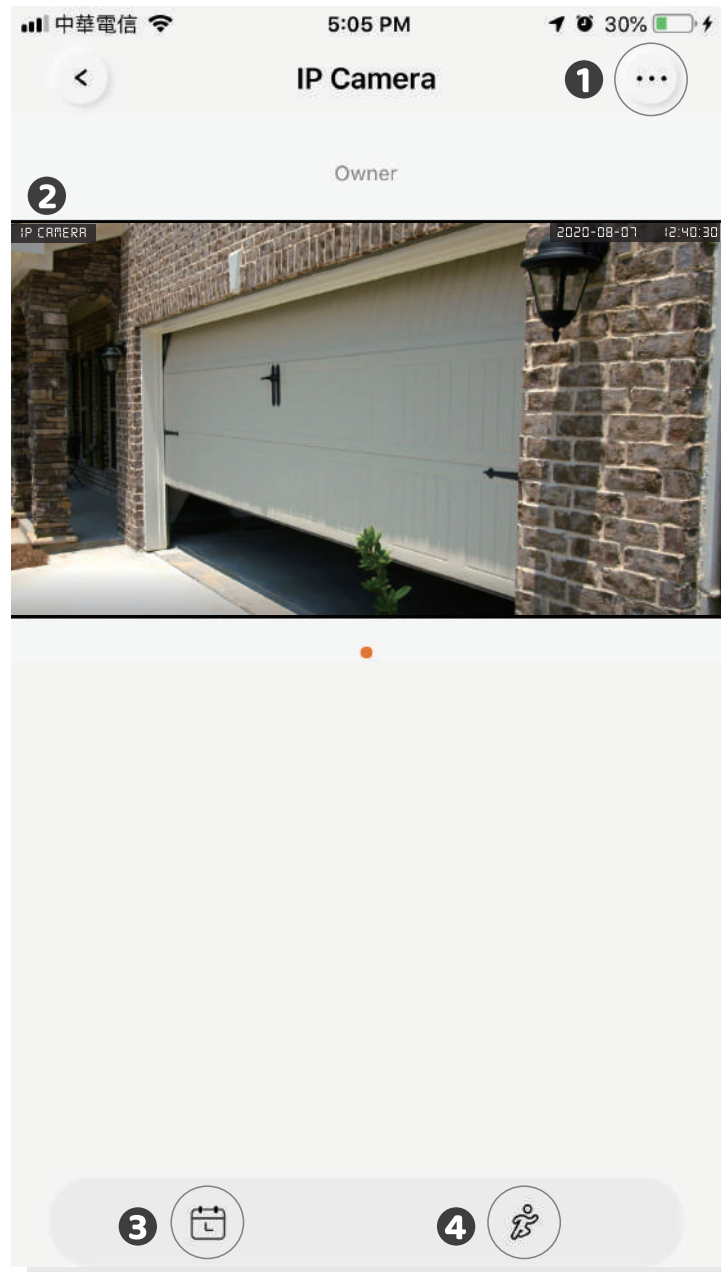


Make a successful ChowCAM setup with your home Wi-Fi

Suggest to bring the ChowCAM device close to the home Wi-Fi router as near as possible to receive the best Wi-Fi signal. And make sure the home Wi-Fi source is 2.4G from the router not 5G, also must enter the correct password for the home Wi-Fi to complete the setup.

After the ChowCAM has been successfully connected to your home Wi-Fi, you may combine the image output with your automation system to start operating.

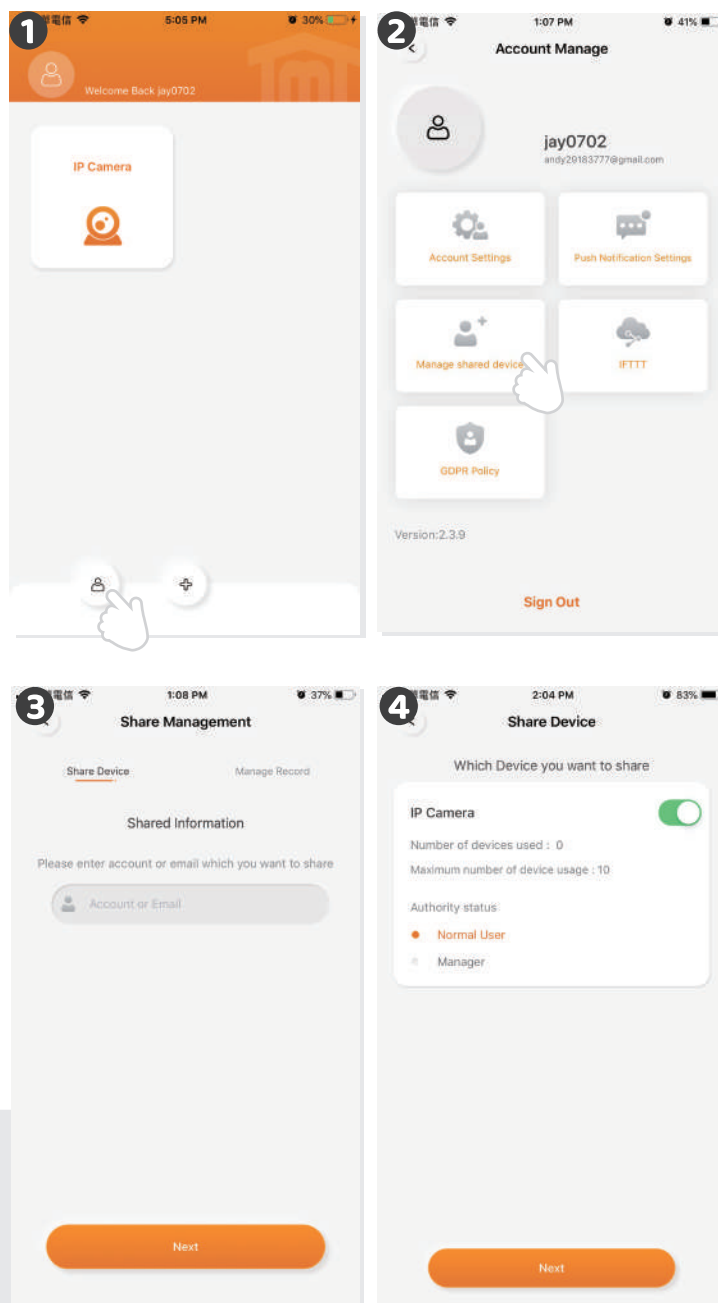
Operation page



- 1 Setting
- 2 Real-time view
- 3 Recorded Videos (only with Micro SD card)
- 4 Motion detection

Owner shares the ChowCAM to other users

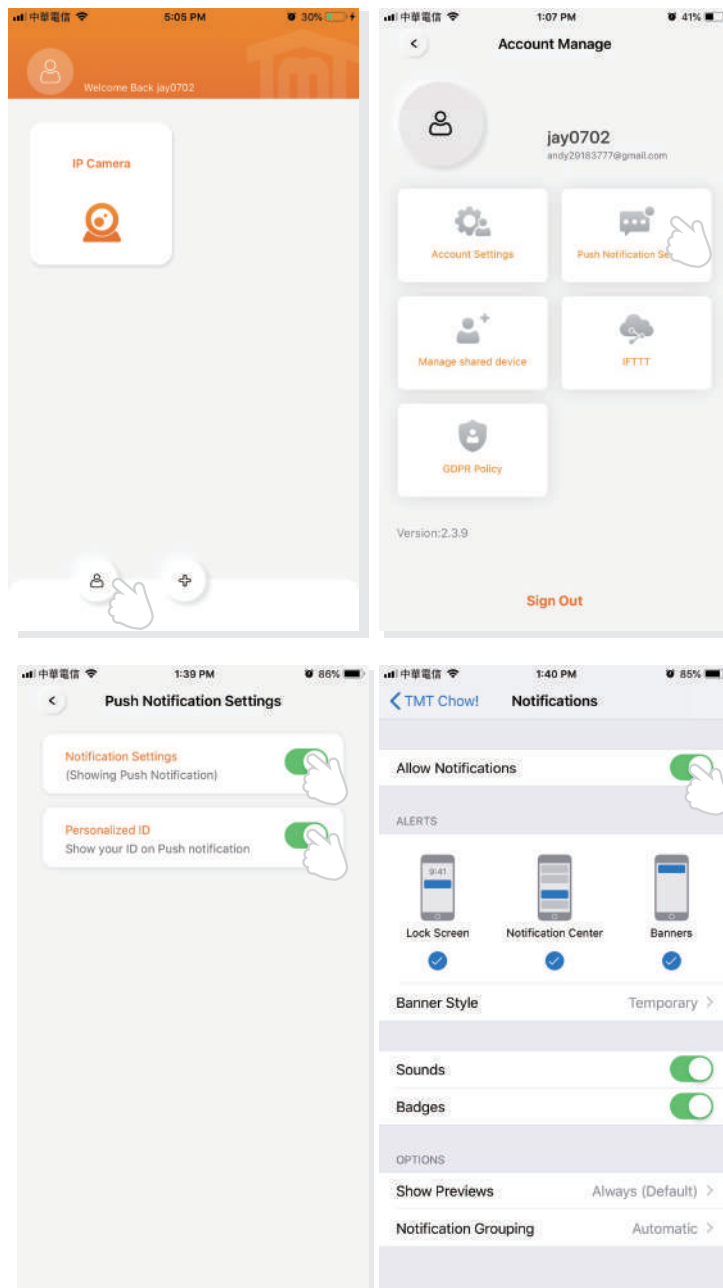
- 1 Press the icon on the corner to enter the account management page.
 - 2 Tap the manage shared device.
 - 3 Enter the account which you are going to share.
 - 4 Choose the device you are going to share and tap next.
- a. The Owner can decide the permission of device sharing.
A manager can share and operate this device, but a normal user can only operate it.
- b. One ChowCAM can only be shared to 10 users.



Push notification

- 1 Press the icon on the corner to enter the account management page.
- 2 Tap the push notification setting.
- 3 Turn **ON** the switches of the notification.

*****Please go to the settings page of your smartphone,
Find TMT Chow! and allow the notifications*****




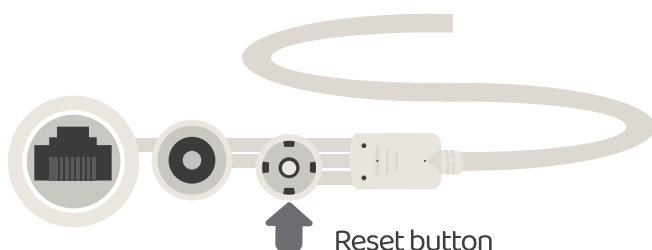
FAQ

Question 1

How to return to the factory setting?

Answer 1

1. Please delete the ChowCAM from **Chow! App** by long press the device icon. 
2. Press the reset button for 10 seconds until you hear the click sound from the **ChowCAM**.
3. You can find ChowCAM's AP from the Wi-Fi setting page of your smart phone.



Question 2

Can not find the AP from the ChowCAM.

Answer 2

1. Make sure the antenna is well connected.
2. Make sure your smartphone is close to the ChowCAM.
3. If the ChowCAM has already connected to the Wi-Fi network, the AP mode will turn **OFF** automatically.
4. Please do **"Return to the factory setting."**

Question 3

Can not finish the Wi-Fi connecting countdown.

Answer 3

1. The system can not connect with **None-English** SSID/Wi-Fi network.
 2. Make sure the antenna is well connected
 3. Make sure the Wi-Fi signal is strong (above -60dBm).
 4. Please connect the ChowCAM to the Wi-Fi around your home router.
 5. Make sure the Wi-Fi you selected is 2.4GHz.
 6. Make sure you entered the Wi-Fi password correctly.
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Question 4

Cannot see the view after the ChowCAM has already completed the Wi-Fi connection.

Answer 4

1. Make sure your Wi-Fi is functional.
2. Un-plug and reconnect the power plug of the ChowCAM.
3. Check if you enter the PIN code at the device page.

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