

User Manual

WiFi Backup Camera with Magnetic Bracket and Built-in Rechargeable Battery



INSEECam

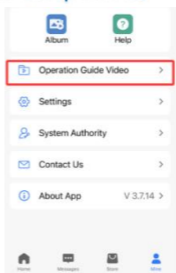


Make sure to read through this manual before you start using the device, and hang onto it for future use.

V1.0

Video Tutorials

Scan QR code for Setup & FAQ



Note: Can't scan the QR code? Go to insecam.net → [Support](#) for videos, or check [Operation Guide Video](#) on the [Mine page](#) or the Video section on the Home

Thank you for your purchase! Any problem
please send us messages!

Email: support@insecam.net

WhatsApp: +86 13318775092

Contents

1. What's Inside The Box	1
2. Get To Know Your Device	1
3. How to install and use the cam	7
4. APP Download And Registration	9
5. Set Up The Camera	11
6. Operation Instructions	13
7. Features and Specifications	17
8. Trouble Shooting	19
9. FCC warning	27

1. What's Inside The Box



Backup camera



Charging cable



User Manual

2. Get To Know Your Device





Power / Reset button:

Press once to power on.

Press and hold for at least 5 seconds to power off.

When the camera is operating normally, press the button twice to reset.

When the camera is in sleep mode, press the button three times to reset.(In camera' s sleep state, only the two lights in the middle are on.

Battery indicator light:

When camera's fully charged, four lights are all on. In camera's sleep state, only the two lights in the middle are on. When the battery is less than 25%, it is recommended to use it less or charge it in time. If the camera runs out of power, you need to use a USB charging cable to recharge it.

Show Battery Status

● ● ● ●	≈ 100%
● ● ● ●	≈ 75%
● ● ● ●	≈ 50%
● ● ● ●	≈ 25%
● ● ● ●	≈ 0%
● ● ● ●	Standby

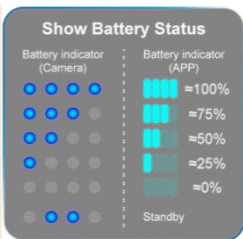
2.1 Sleep Mode

When exiting the INSEECam app screen, the WiFi backup camera automatically enters low-power mode. It instantly reactivates when the INSEECam app is reopened, No manual shutdown required -- eliminating the hassle of

unplugging the camera. If the device will not be used for an extended period, we recommend turning it off manually to conserve battery power.

Sleep Mode Indicator:

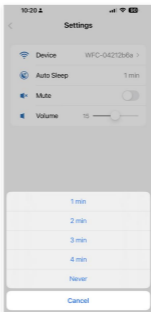
When the device enters sleep mode, the two center LED lights will blink intermittently. This indicates that the camera is in standby and conserving power while remaining ready for quick activation.



① Sleep Timer Setting:

You can configure the sleep timer in the Auto Sleep section of the Settings menu in the INSEECam app. We recommend setting it to 1 minute or 2 minutes for optimal power saving.

Please note:
the longer the
sleep delay, the
more battery
power is
consumed.

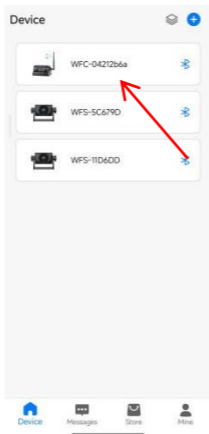


② Two Easy Ways to Wake Up:

(1) **Button Wake**: Gently press the button on the back of the camera to wake it up



(2) **APP Wake(Recommend!)**: Just tap into the live view on the app to instantly wake it up and resume monitoring (Notes: Sleep time can be set via the app: 1 min, 2min, 3min, 4mm, or never)



3. How to install and use the cam

① Install the Antenna:

- Screw the antenna onto the camera by rotating it clockwise until it is securely



- Align the hole in the black ring with the antenna, slide it onto the antenna, and rotate it to tighten.



● Adjust the antenna to achieve optimal signal reception.

② Charge and turn on the camera:

Before first use, please charge the camera with a USB power adapter for at least 4.5 hours.

③ This camera is charged by power supply.

Note: DC power adapter is not provided with this unit.

④ Optional Accessories (Sold Separately)



Metal Mounting
Plate

Works on Non-Metallic Surfaces: For non-metallic surfaces (such as plastic, fiberglass, or wood), we recommend using a metal mounting plate for better magnetic attachment.

Search “**Metal Mounting Plate for Magnetic Wireless Backup Camera**” in our store to purchase.



Solar Backup
Camera

1080P Solar WiFi Backup Camera:

For a more convenient and energy-efficient backup camera experience, we recommend the 1080P Solar WiFi Backup Camera. Search “**1080P Solar WiFi Backup Camera**” in our store to purchase.

4. APP Download And Registration

① Scan the QR code below, or search for “INSEECam” in Google Play and App Store. Then download and install the APP.



INSEECam

② Select “Login to your account” or The “sign up” in the red box, and enter your email address to complete the registration.

Note: App account registration is optional. This WiFi backup camera can be used without creating an App account.

<

Login to your account

Account/Email

Password

Remember password [Forgot?](#)

Log in

Register

Please enter your email address

Get verification code

Don't have an account yet? [Sign up](#)

Note: When registering for a verification code, if you don't receive the code in your inbox, please also check your trash for the code.

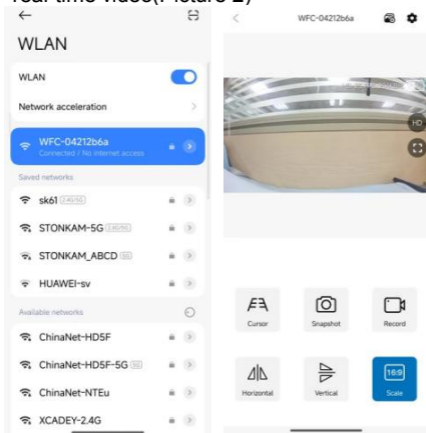
5. Set Up The Camera

- ① Open the app and select the camera to be connected (as shown in Picture 1).
- ② Follow the prompt and Tap “OK” (Picture 2).



③ Connect to the WiFi of the camera manually in settings(Picture 1). Select the WiFi named by "WFC-XXXXXX". The default password is **88888888**

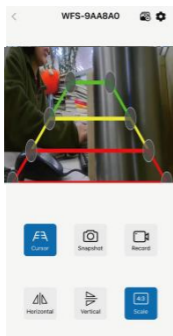
④ After successful connection, it will automatically turn to the interface of the real-time video(Picture 2)



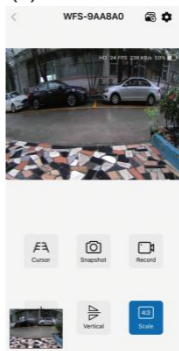
6. Operation Instructions

After connecting to the camera in the App, you can view the real-time video, take screenshots, record videos, choose the screen flip, change the scale, configure the device parameters, and update the camera.

(1) Parking line

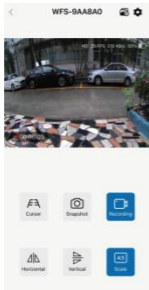


(2) Screenshot

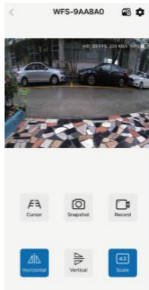


Note: Long press the circle and drag to adjust the reverse line.

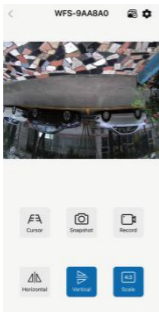
(3) Video recording



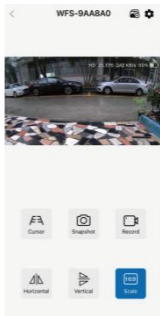
(4) Horizontal flip



(5) Vertical flip



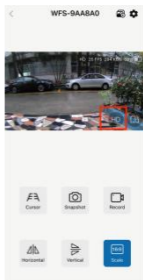
(6) Aspect ratio



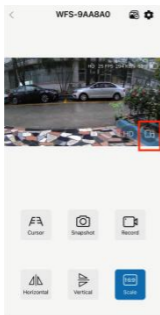
(7) Video / Photo files



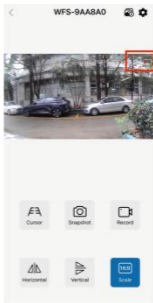
(8) HD / SD



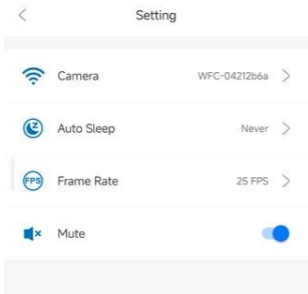
(9) Full screen



(10) Low battery reminder



(11) Settings



Auto Sleep: This setting allows you to define a delay period before the cam automatically enters power-saving sleep mode when it is not in use. Options may include: 1 min, 2 min, 3 min, 4 min, or never.

The default setting is never.

If you want the display to remain on continuously, select Never; however, this may result in higher power consumption.

Mute: This toggle switch enables or disables the built-in microphone during video recording.

7. Features and Specifications

7.1 Main Features

(1) Smart Power Saving Mode

By default, the sleep time is set to Never, so the camera will not enter sleep mode automatically.

To activate sleep mode, set a sleep time. After exiting the App, the camera will enter sleep mode once the set time is reached.

For long periods of non-use, it is recommended to power off the camera to save battery power.

(2) Rechargeable Battery

(3) Magnetic Mount

(4) Portable and Easy Installation

(5) Support Android and iOS System

(6) Battery Standby Time: 70 days

7.2 Specifications

-Battery Capacity: 3.6V/6400mAh

-Charging Voltage: DC 5~12V

-Charging Time : 5V/8H,12V/3.5H

- Charging Current: 5V/1.5A(MAX),
12V/1.5A(MAX)
- Discharging Time: 10H(Daytime)
- Charging Temperature: -0°C ~ +40°C
- Discharging Temperature: -20°C ~ +60°C
- Storage Temperature: -20°C ~ +60°C
- Waterproof Rating: IP69K
- Dimension: 116 x 80 x 66 (mm)
- Weight: 650 g
- Image Device: 1/2.9" CMOS
- Effective Pixels:1920 (H) × 1080 (V)
- Transmission Distance: 60m
(under unobstructed conditions)
- Night Vision Distance: 8~10m
- Viewing Angle: 150°
- Smart IR-Cut: Support

8. Trouble Shooting

8.1 What should I do if my WiFi camera cannot maintain its WiFi connection status?

In general, several factors can prevent the camera from connecting. You can follow these steps to diagnose and resolve the issue:

(1) **Check the Battery Level** – Ensure that the camera has sufficient power. Before using it for the first time, charge it for three to four hours. At least two or three indicator lights in front of the camera lens should remain on, signaling adequate battery power.

(2) **Verify Wi-Fi Connection** – When connecting the camera, go to your phone's Wi-Fi settings and check if the camera's hotspot ("WFC xxxxxx") appears in the available networks. If it does, confirm that the connection is successful.

(3) **Disable VPN and Similar Software** – Make sure your phone's VPN or any similar software

is turned off, as it may interfere with the connection.

(4) Grant Necessary App Permissions – The INSEECam app requires certain permissions to function properly. Ensure that permissions for photos, network access, microphone, and other permissions are granted in your phone's settings.

(5) Maintain an Optimal Distance – Ensure the camera is within a suitable range of your phone. Typically, this type of Wi-Fi camera works best for vehicles under 30 feet in length. However, the actual transmission distance may vary depending on the vehicle model and environmental factors.

If you have checked all five aspects and found no issues, but the camera still won't connect, please take a photo or video of the problem and send it to us

(support@inseecam.net). This will help us diagnose and resolve the issue more quickly.

Thank you!

8-2. Why is my backup camera not connecting or losing signal at a distance?

Several factors may cause weak or lost signal:

- 1. Camera not powered on** – Make sure the camera is switched on before use.
- 2. Low or no battery** – Recharge the battery if it is drained, otherwise the camera will not transmit.
- 3. Antenna position** – Keep the antenna fully extended and upright for better transmission.
- 4. Bluetooth or WiFi interference** – Nearby wireless devices may interfere with the signal.
- 5. CarPlay WiFi switching (iOS only)** – If CarPlay is enabled, iOS may automatically switch the WiFi connection to CarPlay, which can disconnect the camera's WiFi.
- 6. Obstacles** – Thick metal parts, walls, or the trailer body can block or weaken the signal.
- 7. Vehicle length** – On vehicles longer than 30ft, the signal range may be reduced.
- 8. Multiple WiFi networks** – Crowded WiFi environments (e.g., campgrounds, parking lots)

may cause instability.

9. Environmental factors – Strong radio signals, power lines, or certain weather conditions may affect wireless performance. If the issue persists, please contact us with your setup details, and we will help provide further troubleshooting solutions.

[8-3. Why the screen suddenly goes black when I check the video?](#)

- (1) Firstly, check if the camera has power. If the camera runs out of power, charge it in time before using it.
- (2) If the camera has power, reconnect to the camera by disconnecting the WiFi, and connecting to it again.
- (4) If all the methods above fail, please contact us.

[8-4. How to wake up the camera in sleep state?](#)

Open the APP and tap the camera on the

camera list interface. If you can't find your camera, continue the following steps.

- (1) Check the phone settings, find and connect to the camera's WiFi named by "WFC-xxxxxx".
- (2) Tap the camera on the camera list interface again and it will automatically turn to the real-time video interface.

8-5. Can I connect the camera to multiple phones?

Yes. Up to 8 mobile phones can be connected to the camera at the same time.

8-6. What phone permission does the App need?

It includes location permission, photo album permission, network permission, microphone permission, etc. Make sure the permissions above are offered for better experience.

8-7. How is the wireless connection signal of this magnetic WiFi rear view camera?

This camera provides an unobstructed WiFi signal coverage of up to 60 m (197 ft), suitable for various vehicle types. Actual WiFi range may vary depending on vehicle structure and environment.

8-8. What is the low-power function, and what are its benefits?

The low power function is designed for energy efficiency. When the "INSEECam" app is not in use, the camera will automatically enter sleep mode, conserving power and reducing the need for frequent charging.

8-9. Is a WiFi network required? Can I view the WiFi backup camera in portrait mode on my phone?

This camera does not require a home WiFi network; it runs through its own device's WiFi hotspot, which can be accessed from a cell

phone. The INSEECam app supports both portrait and landscape viewing.

8-10. Does INSEECam APP need to register an account to use?

INSEECam app connects to this camera as outlined in the manual, directly through hotspot connection, without requiring any account registration. Account registration is only required when connecting to a home security camera.

8-11. Why can't I find the recorded videos and the photos?

Regarding the inability to find recorded files, please note that our camera only supports manual recording. During the recording process, please ensure that your mobile device remains active, and the app remains open without screen timeout or exiting the app. Recorded files can be located in the "Mine-Album" section of the app.

8-12. Why can't I stick the camera to the car?

The camera's magnetic base is designed to mount quickly on iron/cobalt/nickel surfaces, ensuring flexibility of installation. If the desired installation location does not have such a surface, you may need to install a metal plate yourself to facilitate mounting in another location.

8-13. Why can't I find AP hotspot on my phone?

Regarding the connectivity issues, first, please ensure that the camera has power. It's possible that environmental factors such as obstacles or distance may be affecting the connection. We recommend ensuring that there are minimal obstructions and that the camera is within a reasonable range for a stable connection. Additionally, please check if your mobile device automatically disconnects from WiFi networks, as this could also contribute to the problem.

9. FCC warning

This device complies with part 15 of the FCC Rules. Operations subject to the following two conditions: (1) This device may not cause harmful interference.

(2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, it may cause harmful interference to radio communications. However, there is

no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

NOTE 2: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

If you have any problems, please feel free to contact us and we will reply to you as soon as possible. Thank you!

Support: support@inseecam.net

WhatsApp: +86 13318775092

