



Scouting Cam BLACK300

WiFi Solar 4K Mini

User Manual



Please read this guide carefully before use and keep it well for future reference

FAQ

Q: The camera did not detect object movement in standby mode, but motion detection video was recorded?

A: If no object movement is detected please check the following:

- ① Enter the camera's system menu PIR test function. Move your hand in front of the camera lens to see if there is a red light flashing and whether the number of triggers is displayed on the screen. If so, it means that the PIR function is effective.
- ② Is the camera hung at a height of 0.5-2m? The camera is pointed at a slightly downward angle. PIR cannot be triggered if the height is too low or the angle is horizontal.
- ③ The effective distance of monitoring cannot exceed 21m. Moving objects that are too small may not be detected. For example, a rabbit or mouse 20 meters away may not trigger the PIR.
- ④ The lens protective film and PIR film must be removed, otherwise it will affect the triggering
- ⑤ The detection function is related to temperature. It is best if the current ambient temperature is 20°C, but if the ambient temperature is too high, please shorten the detection distance, otherwise it may not be detected.

If you do not see an object of interest in the recordings, please check the following:

- ① Please ensure that there are no shaking objects such as leaves in the detection area, otherwise it may cause false recording
- ② Do not point the camera toward the sun. If there are leaves nearby that are heated by the sun, wind will trigger the PIR.

Q: Why does it show that there is no memory card or why are there no pictures in the SD card?

A: Please check the following details:

- ① Please check whether the Micro SD card is correctly inserted into the card slot.
- ② Make sure the Micro SD card is formatted before first time use.
- ③ Please use a different Micro SD card or insert the Micro SD card into the computer to check if it works normally.

Q: After I connect the camera to the mobile app, why does it not record video if there is an object moving in front of the lens?

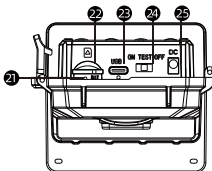
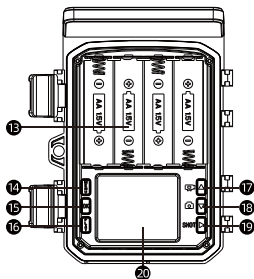
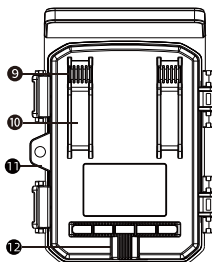
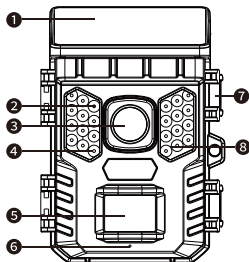
A: This is normal. The PIR of the camera only works in standby mode. It does not work when connected wirelessly to the App. At this time, the camera can only be used to set parameters and watch real-time images and play backs.

Q: Why does the app always prompt that the camera has lost connection?

A: Please note the following points:

- ① The camera will automatically disconnect when the screen is turned off, if the app is running in the background or if you are operating other functions on the phone, so you may see the camera disconnect multiple times. This is normal and is intended to save power. You can click "connect camera" to re-connect.
- ② If the connection is interrupted while watching live video, it may be that your battery power is too low, and the camera will automatically disconnect frequently. You can try to replace the battery or charge the camera with DC cable.
- ③ The effective distance of Bluetooth wireless connection is around 10m. Please ensure that the distance is not exceeded. You can try to shorten the monitoring distance.

Camera View



1. Solar Charging Panel

2. Infrared LEDs

3. Camera Lens

4. WIFI Indicator

5. PIR Sensor

6. Microphone

7. Buckle

8. PIR Indicator

9. Hole for A Cable Lock

10. Strap Hole

11. Lock Hole

12. Tripod Slot

13. Battery Compartment

14. Menu Button

15. OK Button

16. Replay Button

17. Up/Video Button

18. Down/Capture Button

19. Shot Button

20. LCD Screen

21. Reset (RST)

22. Micro SD

23. USB-C

24. Switch (ON /

TEST / OFF)

25. DC interface

Power supply

1. Main power supply:

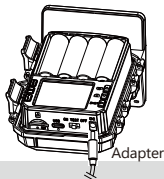
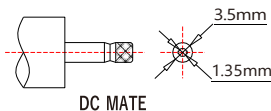
A 18650 lithium battery with a capacity of 2600mAh is integrated in the camera, and the solar panel charges the lithium battery.

2. Spare battery pack:

The backup battery can be used with 4 AA batteries with a voltage of 1.5V.

3. External power supply

There is an external power connector on the bottom of the camera, which can be charged with a DC 6V 1.5A power supply, and the power plug size is 3.5x1.35mm.



Note: PLUG

① For optimal use time, it is recommended to charge the lithium battery before use. It can be charged with TYPE-C mobile phone charger. The current voltage is limited to 5V 2A. When the temperature is too low below 15°C, the power supply capacity of the lithium battery is low, and a backup battery pack needs to be installed.

② When installing spare batteries, please do not mix old and new batteries! Do not use rechargeable lithium batteries or NiMH batteries. Only 1.5V AA batteries are supported, 1.2V batteries are not supported. The diameter of the battery must be greater than 14mm, otherwise the battery will come loose.

Switch

Mode	Description
ON	Monitor mode
TEST	① Setting menu ② Take photos and videos manually ③ View replay
OFF	Switch off camera

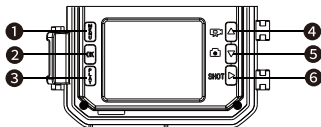
Note:

In "TEST" mode, the camera will automatically shut down if not operated for a long time.

ON TEST OFF



keystroke



①		Enter / exit system settings
②		Confirm
③		Go to the gallery
④		Up / Video Mode
⑤		Down / Photo Mode
⑥		Record Photo/Video

Reset button:

Press and hold for 3 seconds to reset the device.












Viewscreen Indicators



Photo Mode



Video Mode

 	Photo/Video Mode
	Micro SD Card Status
 	Current image Resolution/Video Resolution
9999 00:05:06	Image/Video Capacity Left
 AA  AA	AA Alkaline Battery Usage icon /Missing
 	Solar Panel Battery Usage icon
✓  AA ✓ 	Current power supply mode
21°C/70°F	Current ambient temperature
2024/01/01 12:00:01	Date and Time

How to browse videos and photos

- ① Slide the switch to "TEST" position (The screen is on).
- ② Press "REPLAY" Key to enter the picture or video interface.
- ③ Press ▲ Key and ▼ Key to select the photo or video to preview.
- ④ When playing a video, press the "OK" button to play or pause, press the "MENU" button to exit the video playback.
- ⑥ Press "REPLAY" Key to exit.

File operation in Micro SD card

- ①: Slide the switch to "TEST" position (The screen is on);
- ②: Press "REPLAY" to enter Micro SD card browsing → Press the "MENU" key → Press "OK" to enter the delete option → Press "OK" to confirm the settings, press "MENU" to exit settings.
- ③: Press "PLAY" key to exit.



Notes:

- Insert a Micro SD storage card (Class 10 Micro SD card, FAT/FAT32).
- Be sure the camera is powered OFF before inserting or removing Micro SD or batteries.
- Please format the memory card before using it for the first time.

Menu Overview (Default parameters)

Code	MENU	Settings
1	Mode	Motion Detection/Time lapse normal/ Time lapse video
2	Work Time	OFF/ON Start:HH:MM End:HH:MM
3	Photo or video	Photo/ Video / Photo + Video
4	Photo resolution	32 / 24 / 20 / 16 / 8 / 4 / 2 MP
5	Video resolution	4K / 2.7K / 1080P / 720P @30fps
6	Photo burst	1/2/3/4/5 pictures
7	Video Length	5 seconds-10 minutes
8	Motion Filter	ON/OFF (Detect moving targets through video and decide whether to end shooting early)
9	Audio Recording	ON/OFF
10	Detection Delay	5 second-1hour
11	PIR Sensitivity	Low/ Middle/ High
12	Motion Test	Test whether the PIR function is valid
13	Fill Light Distance	Low/ Middle/ High
14	Camera Name	OFF/ON 4 digits or capital letters
15	WiFi LED	ON/OFF

16	Date & Time	Y/M/D H/M/S
17	Date Format	D/M/Y M/D/Y Y/M/D
18	Time Format	24H/12H
19	Loop Record	Micro SD card cycle coverage
20	Language	English/German/French/Italian/ Spanish/Dutch/Polish/Czech/Slovak/ Russian
21	Memory Card Format	OFF/ON
22	Password Protection	OFF/ON 4 digits
23	Factory Reset	OFF/ON
24	Version Info	Firmware version

USB cable connection computer precautions

You can browse, copy, and delete the images and videos on your computer by connecting the camera to your computer with an USB cable. When using the USB connection, make sure that the switch is on TEST mode.

1. The memory card cannot be formatted via USB when connected to the computer.
2. Before connecting USB, please input the password if you set one up in the camera settings.

System Settings

1 "Mode" Setting

Motion Detection: In standby mode (ON mode), the camera starts shooting or recording moving objects through PIR detection.

Note:

Please set the recording duration. For example, if the recording duration is set to 10 seconds, the camera will only record 10 seconds of motion detection video, even if the object in front is still moving.

• **Timelapse video:** The camera will take photos at the time interval you set. These photos will be formed to a video. For example: If you want to observe the blooming process of flowers, you can use this function.

Note:

When timing video and time lapse video modes are selected, motion detection PIR cannot be used.

2 "Work Time " setting

You can enable it to set a working period for the camera. It will enter the standby mode if the time is not within the period. If the start time is earlier than the current time, the setting will take effect the next day. If the start time is later than the current time, the setting will take effect on the same day.

3 Take photos and videos mode

Three modes to choose from: "Photo/Video/Photo+Video". At the same time the camera also takes video or pictures according to the working mode (motion detection/time lapse) and continuous shooting function and time interval you set.

4 Photo resolution

32 / 24 / 20 / 16 / 8 / 4 / 2 MP.

Select the photo resolution you want. The higher the resolution, the better the photo quality. The larger the file, the larger the Micro SD card capacity it will occupy.

5 Video resolution

4K / 2.7K / 1080P / 720P @30fps

The higher the video resolution, the better the video quality, the larger the file and the larger the Micro SD card capacity occupied.

6 Photo Burst

The number of photos taken in sequence each time the camera gets triggered.

7. Video Length

Set the video duration you want the camera to automatically record each time. It is best to set the video length within 10 seconds. Do not set it too long to save battery and avoid taking up too much Micro SD card storage space.

8 PIR sensitivity

The sensitivity of the PIR sensor will be affected by changes in ambient temperature. When the ambient temperature is high, the "High" setting is more suitable when you want to capture distant animals, while the "Medium"/"Low" setting is more suitable in cold weather.

Note: If the time-lapse" function is turned on, the PIR will not work.

9 Motion detection filtering

After turning it on, if the recording duration has not ended and there are no moving objects in the monitored area, the recording will end early.

10 PIR test

You can test whether the PIR function is valid. After turning it on, place your hand in front of the sensor and shake it to see if there is a red light flashing, and whether the menu page displays the number of triggers. If both are present, it means that the PIR function is valid.

11 WiFi LED

If you don't want the wireless indicator light to stay on, please turn it off in the system menu.

12 Loop recording

After being turned on, the Micro SD card can record in a loop and automatically overwrite the oldest video when the card is full.

13 Memory Card Format

When using the Micro SD card for the first time, please format the card first, otherwise it will affect the use of the camera. After formatting the memory card, all data in the card will be deleted. Please back up important data in advance if needed.

14 Password Protection

Set a protection password for the camera to prevent it from being accessed by others at will.

15 Factory Reset

Select "Confirm" to restore the camera system to factory settings.

WIFI APP connection

APP Installation

Before using the WIFI function, please install the APP on the smartphone device.

1. For Android smartphone, please download "TrailCam Go" APP first on Google Play and install it. For iPhone, download "TrailCam Go" on Apple Store and install it.
2. You can also scan the QR code to get the APP "TrailCam Go".



Android



IOS

Preparation before use

1. Make sure that the camera is turned on (TEST/ON mode both can be connected).
- 2 Your phone's Bluetooth and WiFi functions are turned on.

App running for the first time

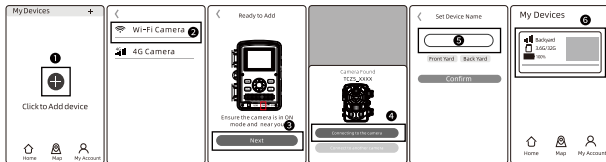
When the app runs for the first time, please be sure to allow the system permissions required by the app. This is very important. Permission issues may cause the camera to fail to connect and use normally.

How to add a new camera

After running the APP, the first thing you enter is the "My Devices" interface. This interface will display a list of all cameras.

1. The add new camera button is a "+" in the upper right corner.
2. Select "Wi-Fi camera" type in the next jump interface.
3. In the 3rd jump interface, make sure the camera is turned on, and then click "Next" button.
4. In the next interface, the APP will display the discovered devices and prompt you to click "connect camera". After the connection starts, you can see the progress bar of the connection.
- During this process, a system prompt will pop up whether to connect to the camera hotspot. Please choose "Yes" or "join" until the connection is successful.
5. A "Set alias" interface you'll see after connection is successful, you can name the Camera here and it will be displayed in camera list (of course you can also modify it at the position of the camera list).

After the above 5 steps, the work of adding a new camera has been completed.



Some useful function buttons

After successfully adding a new camera, the APP will return to the. **"My Devices"** interface. you can see the new device-list you added.

* A **"Map"** button at the bottom of this interface, it allows you to set the coordinates of all of your camera position on the map.

Camera control

Select the camera to be connected, the interface will pop up the status information of this device. At the bottom of the system tray, there are four main function buttons: **"Camera"**, **"Gallery"**, **"Status"** and **"setting"**, which you can choose according to your needs.



Camera

Camera screen preview, manual photo/video recording.



Gallery

View, play, download and delete photos and videos in the camera Micro SD card.



Status

The status of the camera when it was last connected.



Setting

View and set camera shooting parameters.



Tips:

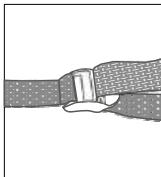
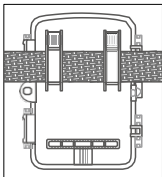
- If the APP does not use the camera's hotspot for a long time or the APP exits, the camera will automatically turn off the WiFi function to save energy. When used again, it needs to be reconnected.
- **"Camera"**, **"Gallery"**, **"Setting"** functions requires a live connection to the camera to work.

Assembly with strap

Use the securing strap supplied to attach the Wildlife Camera to a tree or another object. The illustrations below demonstrate how to fasten the securing strap.

Position the Wildlife Camera as desired and pull the loose end of the securing strap tight until the camera is firmly secured.

To release the securing strap again, pull at the tab of the securing strap.

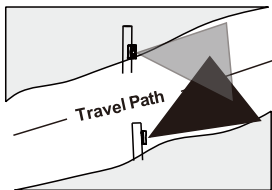


Setup the camera outdoor

Once all the setting has been done, the camera is ready for field use:

- Mount the camera about 0.5-2m high with the camera pointed at a slight downward angle.
- Keep the camera facing north or south NOT east or west due to sunrise and sunset could produce false triggers and overexposed images.
- Clear all obstructions in front of camera to avoid obscuring camera lens or PIR sensor. Otherwise, the camera may be triggered by mistake during windy or hot days.
- In order to avoid false triggers, you should adjust PIR sensitivity depending on the object or wild animals; size, the speed and distance of the movement.

- Installation of the Class 10 Micro SD card with FAT/FAT32 before setting up the camera.
- Make sure that time and date is correct.
- Make sure that the camera's mode switch is in "ON" mode (before you leave).



Privacy Policy

In every country, legal data protection rules apply. As these rules may vary per country, please contact the appropriate authorities to learn about the latest privacy policy in your country. In any case kindly note:

- Do not observe public areas such as sidewalks, roads, parking lots, etc.
- Never observe your staff.
- Respect the general right of privacy.

- Do not publish pictures showing individuals without having their permission. Do not publish pictures showing identifiable automobile license plates.
- Make aware of the observed areas with a sign and inform your neighbors and visitors if necessary.



The CE marking complies with the European standards and indicates that the product meets the requirements of the applicable EU directives. The complete declaration of conformity can be found on our website www.braun-phototechnik.de directly on the product page.

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