BRAUN Scouting Cam BLACK1320 WiFi Solar 4K DS

Contents

1. Important tips

1.1 About Batteries

- 8pcs 1.5V AA alkaline batteries are required for the maximum battery life. Used and new batteries cannot be mixed, do not mix battery types.
  Note: Do not use rechargeable batteries. The low voltage affects the use time of the camera.
- When the camera isn't used for a long time, please remove the batteries to avoid leak damage to the camera or battery power loss.

1.2 About SD card

- This camera must use a brand high-speed SD card of class 10. Please format the memory card before use via the camera menu.
- Multiple or improper use of the memory card will reduce its performance or damage recorded data, please replace the memory card if the memory card is damaged.

1.3 Use Bluetooth to Turn on WiFi to connect with camera

- Please turn off your cellular data before using.
- Bluetooth is only used to turn on WiFi.
- The WiFi works only to connect mobile APP, not use as an AP or LAN connection.
- For better operation, we recommend that your smartphone is within 10 meters from the camera, and due to possible interference around the surroundings, get closer to the camera if the signal is bad.

1.4 General tips

- This hunting camera is equipped with efficient infrared LEDs, lens and PIR sensor.

- Clean the PIR lens if it is dirty during use.
- Cleaning steps: Try to blow it off or gently pick out the dirt. Don't try to wipe it, otherwise it may cause scratches. PIR lens scratches reduce PIR detection performance.
- Please remove the protective film on the PIR sensor, it will affect the monitor distance.
- Avoid error triggering, the machine cannot be placed near heat sources (especially where windy).

2.Product presentation

2.1 About Camera

- The camera has brand new innovative and ultra-clear imaging technologies, including intelligent night vision, blur reduction, and noise reduction technologies that deliver high-resolution image quality.

2.2 Main features

- Bluetooth turns on the WIFI easily.
- Connect with camera with WiFi to preview, playback and setting.
- High resolution photo and video.
- HD night vision, infrared supplementary light irradiation range is far.
- Wide-angle lens.
- Three working modes: Photo, Video, Photo + Video.
- Photo / Video information shows: date, time, temperature, and moon phase.
- Password protection.
- Support SD card.

2.3 Application scene

- For hunting and tracking of animal traces or habits.
- Used to observe the flowering process of plants.
- As an temperature-trigger security camera for homes, farms, offices, and communi- ties.
- Other indoor and outdoor monitoring where evidence of intrusion is required.

3.Install battery & Insert SD card

3.1 Install the batteries

- Open the camera rear housing, you will find the battery box (as Figure 1), 8pcs batteries must be installed. Put batteries as positive and negative marks in the battery box.
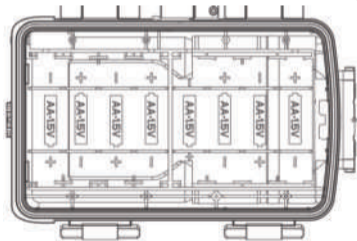
3.2 Insert SD card

- Before operating the camera, please insert the SD card, and please don't insert or pull out the SD card when the camera is working.
 Note: If the SD card is not installed properly, the SD card icon on the top right corner of the screen will show "X".
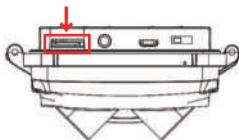
4.Usage of Camera

4.1 OFF mode: the switch key in "OFF" position means Power OFF mode.

4.2 SETUP mode: the switch key in "SETUP" position means settings mode.

4.3 ON mode: the switch key in "ON" position means it will be in monitoring mode after count down. The camera will work according to parameters set in menu.

5.Button feature introduction
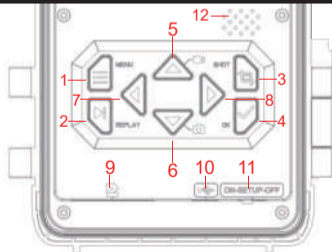
1.MENU button	**7.Left button**
2. REPLAY button	**8.Right button**
3.SHOT button	**9.SD card slot**
4.OK button	**10.USB port**
5.Up button	**11.OFF/SETUP/ON**
6.Down button	**12.Trumpet**

6.System setting

6.1 Pull the switch to "SETUP" mode, the camera enters the setting mode, the LCD will be turned on.

6.2 On "SETUP" mode, press "MENU" button to enter the setting interface, then set system parameters according to the menu display on the screen, press UP/Down/LEFT / RIGHT button to move and change settings, and press "OK" button to confirm the change, then press "MENU" button to exit menu.

Note: Press "OK" button to save the changes. Otherwise, you will lose the new settings.

6.3 Pull the switch to "ON" mode, the camera enters the monitoring mode, when the animal triggers the machine to work. The light sensor detects the current environmental brightness and intelligently switches between the day lens or the night vision lens according to the current brightness. For example: the environmental light visibility is high, the camera uses the daytime lens and shoots colored recordings .If the environmental light visibility is low, the camera turns on the night vision lens and shoots black and white recordings.

Name	Setting	Describe
Mode	Photo Video Photo + Video	Choose the camera working mode.
PIR Interval	5Seconds ↓ 59Minutes	After the camera triggers shooting, the camera does not take photo and record again within the setting interval time, it can prevent the SD card from being filled fully with duplicate files.
PIR Sensitivity	Low Medium High	The sensitivity of the PIR sensor depends on the environmental temperature. The "HIGH" setting is better when the temperature is higher and the "MEDIUM" / "LOW" setting is useful in cold weather. **Note:** This option is invalid if the mode is set to Time Lapse.
IR LED	Option: Auto, Economy, OFF	**Auto:** Shooting the night environment, the light brightness will be automatically adjusted reasonably according to the current battery power status; **Economy:** The video taken on the IR-led light is a little darker, but makes the battery last longer

IR LED		**OFF:** the IR light won't be turned on when the environment light is dark or all dark **Note:** Auto is recommended
Side PIR Setup	OFF ON	**OFF:** The sensors on both sides will not be turned on.
Time Lapse	ON OFF	When choosing "ON", the camera automatically takes photos / video recording according as the set interval. Normally it is used to observe cold-blooded animals, such as snakes or flowering processes. **Note:** When choosing "ON", the PIR sensors are not working.
Monitoring Period	ON OFF	Select "ON" if you want the camera to work daily for the specified time, the default is "OFF", and the camera only works within the set time after choosing "ON". **Note:** When choosing "ON", the PIR sensors are not working.

Image Size	day		The options for photo resolution: the higher the resolution, the higher the quality and the bigger the file size of the recordings.
	60MP(10320*5808)	24MP(6528*3672)	
	56MP(9984*5616)	20MP(6144*3456)	
	52MP(9632*5408)	16MP(5376*3024)	
	48MP(9248*5200)	13MP(4816*2704)	
	44MP(8832*4960)	8MP(3840*2160)	
	40MP(8416*4736)	5MP(3072*1728)	
	36MP(8000*4496)	3MP(2304*1296)	
	30MP(7392*4160)	2MP(1920*1088)	
	at night		
	8MP(3840*2160)	3MP(2400*1344)	
	5MP(2960*1664)	2MP(1920*1088)	
Picture NO	1.Photo 5.Photo 8.Photo 2.Photo 6.Photo 9.Photo 3.Photo 7.Photo 10.Photo 4.Photo		The quantity of taking photos for each trigger time.
Shutter speed	1/15 1/20 1/30		Choose different shutter speeds

Video resolution	day 4K/30 Fps (3840*2160) 2.7K/30Fps(2704*1520) 2K/30Fps(2560*1440) 1296 30Fps(2304*1296) 1080P/30Fps(1920*1080) 720P/30Fps(1280*720) 480/30Fps （848*480） 360/30Fps(640*368) at night 1296 30Fps(2304*1296) 1080P/30Fps(1920*1080) 720P/30Fps(1280*720) 480/30Fps （848*480） 360/30Fps(640*368)	The options for photo video resolution: the higher the resolution, The higher the quality and the bigger The file size of the recordings.
Video length	5Seconds—180 Seconds	**Note:**The video length is best set within 10 seconds, do not set too long so as to save battery and avoid taking up too much SD card storage space.
Record Audio	ON OFF	The default is "ON", the video recorded is silent when choosing "OFF".
Date/Time	Date/time setting, year/month/day format setting	1.Time setting: use "UP/DOWN/LEFT / RIGHT" button to switch parameters

		and set the current date & time. 2.Date Format: choose different date format.
Time Format	12H and 24H	Option for 12H or 24H
Date Stamp	OFF ON	The default is "ON", If choosing OFF, then all watermarks in the picture and video files will not be displayed.
Camera Name	Camera Name	Press "UP/DOWN/LEFT/RIGHT" and choose the setting and press the buttons to set camera name.
Password	ON OFF	1. You can set 4-characters as boot password to protect the camera, the password can choose any 4-digits like as digit "0~9" and letter "A~Z". 2.If you forget the Password, please input "1111" to unlock.
Bluetooth	OFF ON	1. In "OFF" status, the smartphone can't find the Bluetooth and it can't open camera WiFi 2. In "ON" status, the smartphone can search and connect WiFi (the default is ON).
WIFI SSID	Hunting 4K	The camera WIFI SSID name can be modified.
WIFI Password	12345678	The camera WIFI password can be modified.

WIFI Auto WIFI Off	1minutes 2minutes 3minutes	After turning on, the WIFI automatically exits if it doesn't connect camera successfully within the set time.
Beep sound	ON OFF	The default is "ON" If choosing "OFF", the buttons have no sound during the operation.
Language	English, French, Spanish , Portuguese, German, Italian, Chinese, Russian, Japanese	This hunting camera supports multiple languages.
Format	Cancel OK	All files will be deleted after format. **Note:** please format the SD card if first used via the camera menu.
Default settings	Cancel OK	Choose "OK" to restore the default settings.

7.APP download & installation

7.1 Before use, please download and install the "Hunting 4K Pro" APP in the Google Play or Apple store.

7.2 Alternatively please use your smartphone to scan the following QR code to download the "Hunting 4K Pro" APP.

7.3 When the APP is downloaded and installed, the mobile terminal will prompt "Allow Hunting 4K Pro to access photos and media on your device?" during the installation process. Please select "Allow" at this time. If not allowed, the APP cannot read camera pictures and videos(as picture)
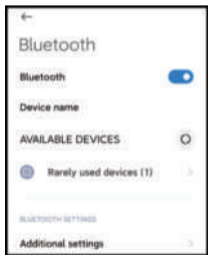

Android/IOS
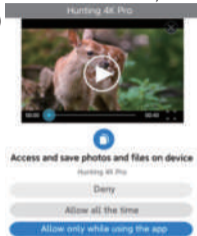
8. Camera connect with smartphone by WIFI

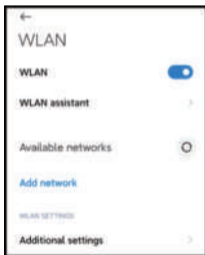### 8.1 Steps for Android Mobile phone to connect camera

- Please turn off your cellular data before using, as Figure 1, and turn on Bluetooth, as Figure 2.
- Click the app icon , as Figure 3 "Hunting 4K Pro", the "TURN ON BLUETOOTH" interface pops up, as Figure 4.
- Click "TURN ON BLUETOOTH", it will pop up the interface as Figure 5.
- Select the corresponding Bluetooth name of the camera "CAMERA-XXXXXXXX", and click "TURN ON WiFi" as Figure 6.
- After turning on WiFi via Bluetooth of the smartphone, at the same time, the camera WiFi will be activated as Figure7.

- After the countdown, the mobile phone will switch to its WLAN interface automatically select the "Hunting 4K" name, and follow the prompts to enter the password: 12345678 to connect to the camera WiFi as Figure 8.
- After the WiFi connection is successful, the camera displays as Figure 9.
- Click back to enter the APP and select "Keep WLAN connection" as Figure 10.
- Then enter real time monitor screen as Figure 11 to take photo and video, playback and set parameters etc.

Figure 1	Figure 2	Figure 3

Figure 1

←
Bluetooth

Bluetooth ⬤

Device name

AVAILABLE DEVICES ○

Rarely used devices (1) ›

BLUETOOTH SETTINGS

Additional settings ›

Figure 2

←
WLAN

WLAN ⬤

WLAN assistant ›

Available networks ○

Add network

WLAN SETTINGS

Additional settings ›

Figure 3
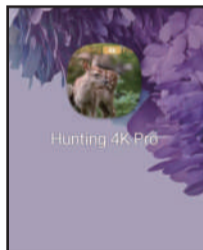
Hunting 4K Pro

Figure 4

Figure 5

Figure 6

Figure 7
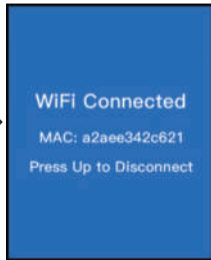

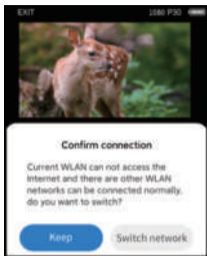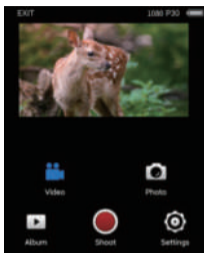**Figure 8**
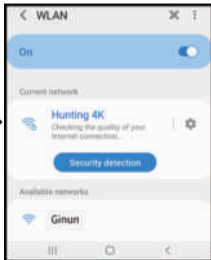
Figure 9

Figure 10	Figure 11

8.2 Steps for IOS system app connect camera

● Please confirm that the smartphone Bluetooth is on before operation, as Figure 1.
● Click the app icon, as Figure 2 "Hunting 4K Pro", the "Turn on Camera Bluetooth" interface pops up, as Figure 3.
● Click "TURN ON BLUETOOTH", it will pop up the interface as Figure 4.
● Select the corresponding Bluetooth name of the camera "CAMERA-XXXXXXXX", and click "TURN ON BLUETOOTH" as Figure 4.
● After turning on WiFi via Bluetooth of the smartphone, it will enter the countdown as Figure 5. At the same time, the camera WiFi will be activated as Figure 6.
● After the countdown, the smartphone will switch to its settings interface automatically, click the "Settings" button in the upper left corner, as Figure 9, enter the phone settings, and find the WLAN menu.

- Select "Hunting 4K" name and follow the prompts to enter the password 12345678 to connect to the camera WiFi, as Figure 7.
- After the WiFi connection is successful, the camera displays as Figure 8. Click "Hunting 4K Pro", then enter real time monitor screen as Figure 9 to take photo and video, playback and set parameters etc.
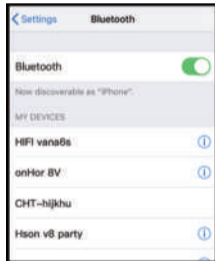
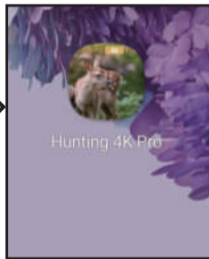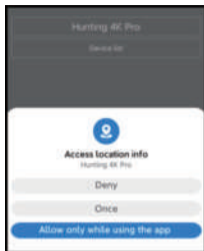**Figure 1**   **Figure 2**   **Figure 3**

Figure 4	Figure 5	Figure 6

Figure 4

Hunting 4K Pro

Device list

Access location info
Hunting 4K Pro

Deny

Once

Allow only while using the app

Figure 5

Hunting 4K Pro

RENAME BLUETOOTH | TURN ON WiFi

Figure 6

SSID:Hunting 4k

PWD:12345678

Figure 7	Figure 8	Figure 9

Figure 7

Settings   WLAN

WLAN

✓ Hunting 4K

CHOOSE A NETWORK...

HIFI vanaēs

onHor 8V

CHT–hijkhu

Hson v8 party

Vifi 66max

Figure 8

WiFi Connected

MAC: a2aee342c621

Press Up to Disconnect

Figure 9

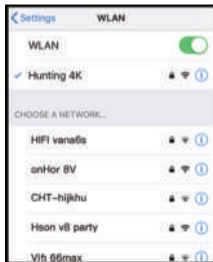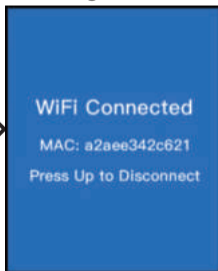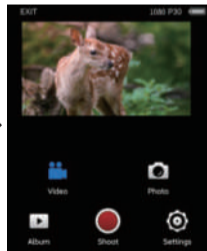EXIT   1080 P30

Video   Photo

Album   Shoot   Settings

9.Installation and positioning

9.1 Calibrate the camera installing position

- To verify that the camera effectively monitors the selected area, pull the switch to "SETUP" and fix the camera.
- Within the monitoring area you want, try different distances and angles to move repeatedly around the camera, the LED indicator flash to prove within the monitoring range. The LED light does not flash to prove outside the monitoring range.
- The results verified by the test will help you find the best place to install your camera.
- The height of the camera placed from the ground should be depending on the size of the animal .Generally, minimum 1-2 meters are best.
- Make sure the camera is working without any interference. Direct sunlight or installation near branches should be avoided.

9.2 ON Mode

- Pull the camera switch to the "ON" state. After 5 seconds, the screen will turn off and enter the monitoring mode. Once an animal enters the sensor detection area, the camera will be activated and the camera will automatically shoot. If the animal leaves the sensor detection area, the camera will turn off and return to standby mode.

9.3 Dark Mode

- When the camera works at night, the infrared light will turn on automatically to illuminate about 3-22 meters , it can cause overexposure if the animal is too close to the camera.

10.Specification parameters

Product name	BRAUN Scouting Cam Black1320 WiFi Solar 4K DS
LCD SCREEN	2.4"
Camera	Day: 13MP / Night: 2MP
Lens	FOV=100
Photo resolution	**Day:** 60MP, 56MP, 52MP, 48MP, 44MP, 40MP, 36MP, 30MP, 24MP, 20MP, 16MP, 12MP, 8MP, 5MP, 3MP, 1MP / **Night:** 8MP,5MP,3MP,1MP
video resolution	Day: 4K, 2.7K, 2K, 1296, 1080P, 720P, 480P, 360 30fps Night: 1296, 1080P, 720P, 480P, 360 30fps
Video Format	MP4
Picture format	JPEG
Menu language	English, Chinese, German, French, Italian, Spanish, Portuguese, Japanese, Russian
SD card	SD Card max. 128 GB
Wi-Fi/APP	2.4GHz 802.11 b/g/n/Hunting 4K Pro
USB	MINI-USB 2.0
DC	External DC power supply 6V/1.5A (diameter:3.5mm*pincore:1.35mm)

Battery	8X1.5AA battery
MIC	Built-in Microphone
Speaker	Built-in speaker
Working temperature	-20°C to +60°C
Storage temperature	-30°C to +65°C
Camera weight	About 482g
Size	160x97x74MM

11.FAQ

FAQ	Problem analysis	Solutions
Camera can't take photo properly	1. PIR protective film isn't removed. 2. Whether the installation is in a valid range or not.	1. Please check if remove the PIR protective film or not. 2. Please check the installation position.
Do not turn on	The batteries may be inverted, or have no power.	Please check and invert the batteries or replace with new batteries.

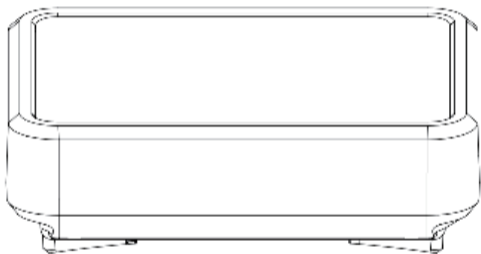| No pictures inside the SD/TF card	1.1.Bad SD/TF card. 2.Whether the card is locked or not format the SD/TF .	Change and format the SD/TF card, and check if the card can take photo and record properly.
No photos or video at night	The battery voltage is too low	Replace with the new battery
The app could not connect	1.The app is not compatible with Mobile phone. 2.The phone does not open Bluetooth. 3.The WiFi does not connection properly.	1.Check the app version or updated mobile system. 2.Please check if Bluetooth is turned on. 3.Please check if the WiFi is connected properly.

12.Disclaimer

12.1 The product specifications are developed on the latest information when prepared for this manual, it is subject to change without notice, whichever is the actual camera.

12.2 The manufacturer shall not bear any responsibility because of improper use.

12.3 It is strictly prohibited to dismantle the camera without permission, and the fmanufacturer shall not bear any responsibility because of it.

Solar Panel

Introduction

1.Solar panels   3. LED indicator   5.Lock switch

2.DC IN(MINI-USB)   4. Contact shrapnel

Function Description

1. MINI-USB: it can charge the battery with an adapter (DC5V/2A)

2. DC OUT: Solar DC output to Hunting Camera (install on top of the camera)

3. LED indicator :

Red indicator: When the MINI-USB 5V is charging the internal battery, the red indicator will be on and the fully charged light will be off.

Blue indicator : When the sun light shines on the solar panel, the solar panel converts the light energy into electrical energy to charge the battery, the blue light is on, and the fully charged light is off.

Installation and Attention

1. When installing solar panels, do not allow other obstacles to block the light, preferably in an open place.

2. When the solar panel is placed outdoors or isn't in use, please plug the USB hole with silica gel to prevent water from leaking into the housing.

3.Installation method :
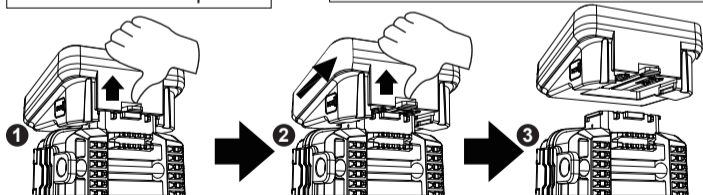
Align the solar panel with the camera slot and install it
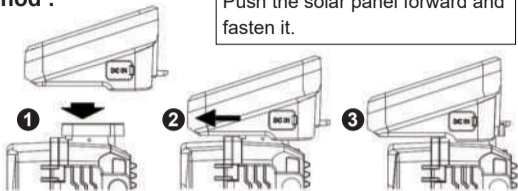
Push the solar panel forward and fasten it.

① **②** **③**

4.Disassembly method:

Use your thumb to lift the lock switch up

Push the solar panel from front to back, and then take out the solar panel

① **②** **③**

Parameter

Product	Solar Power Bank
DC-IN	MINI-USB-DC 5V (to charge the internal battery)
DC OUT	DC6.0V/2A Max
Capacity	1800MA
Overcharge Protection	Support
Over Discharge Protection	Support
Water resistant	IP65
Operating temperature	-20°to +60°
Dimension	95*72*45MM

FAQ:

FAQ	Problem analysis	Problem analysis
Camera coesnot turn on	1. Whether the solar panel is in good contact with the machine and whether it is installed in place. 2. The solar panel ran out of power.	1. Please check whether the shrapnel on the solar panel and camera is black or dirty; Clean the dirt off the shrapnel. 2. Please check whether the solar panel and the camera are properly connected. 3. Use the adapter to charge the solar panel .
The solar panel cannot be charged	1.The adapter is faulty. 2.The USB cable is not connected well. 3.The sunlight does not reach the solar panels.	1. Replace the adapter, the red indicator will turn on when charging normally. 2. Check whether the USB cable is connected to the panel, and the red indicator is on when charging normally.

	4.The protective film on the solar panel is not torn off.	3. Put the solar panel in an open place where it is exposed to sunlight, and the blue indicator is on when charging normally. 4. Tear off the protective film on the solar panel, and the blue indicator lights up during normal charging.

Disclaimer:

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The manufacturer shall not bear any responsibility because of improper use.

It is strictly prohibited to dismantle the camera without permission, and the fmanufacturer shall not bear any responsibility because of it.

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