Night B-9 Night Vision Binoculars

User Manual

Ork Hunter

2026

Content

1. **Product overview** 3
2. **About Charging** 4
3. **Inserting the Memory Card** 4
4. **Basic Operation** 5
   4.1. Turn ON and turn OFF 5
   4.2. Night Vision Enhanced Mode 5
   4.3. Color Effects 5
   4.4. White light (flashlight) 5
   4.5. Display backlight adjustment 5
   4.6. Lens focus wheel adjustment 5
   4.7. Changing the modes 6
   4.8. Taking pictures 7
   4.9. Recording Video 8
   4.10. Device cannot be turned on or off 9
   4.11. Poor image 9
   4.12. Settings in photo and video mode 10
   4.13. Playback 12
5. **Download files to PC** 13
6. **Using a card reader** 13
7. **Connecting the device to a PC through the USB cable** 13
8. **Notes on cleaning** 13
9. **Helpful tips** 13

Contacts: 14

1. Product overview

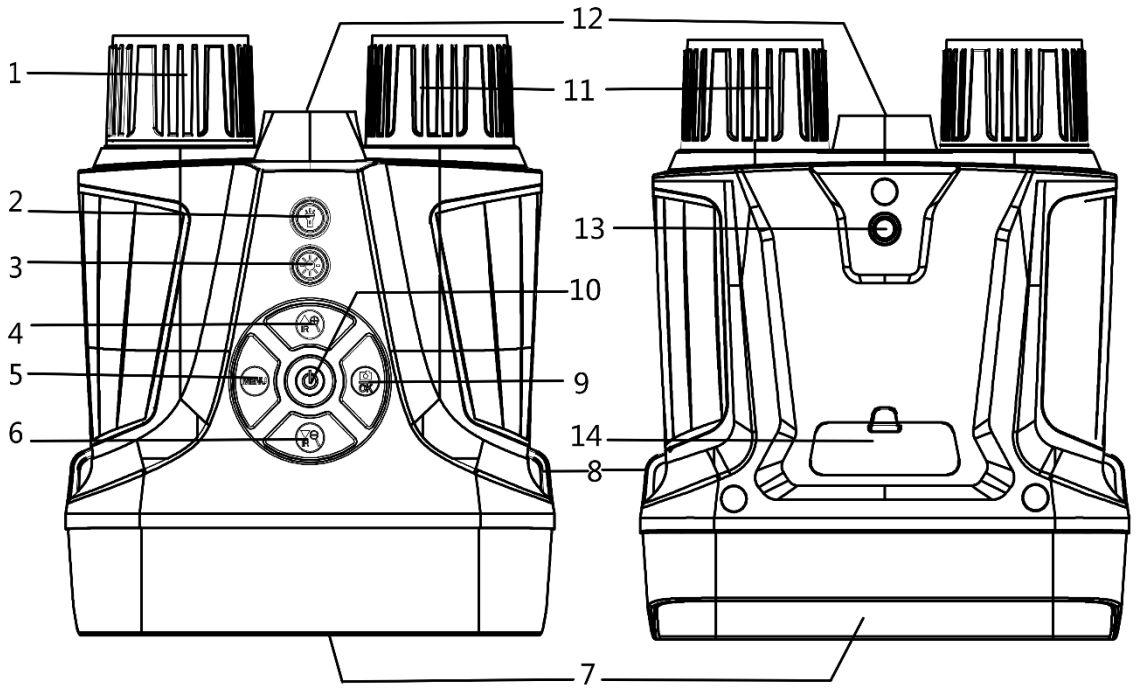


Fig.1. Product overview

1. Lens focus wheel
2. Flashlight Button
3. Screen backlight adjustment/button backlight switch
4. IR Up/Zoom in/Up Button
5. Menu/Special Effects Button
6. IR Down/Zoom out/Down Button
7. Eyepiece/Display
8. Strap Hole
9. Shutter/OK button
10. Power/Mode Button
11. IR LEDs
12. White light
13. Helmet bracket fixing screw
14. USB port/charging indicator/reset hole/memory card slot cover

2. About Charging

The device has a built-in rechargeable battery. Please charge it fully before first use.

Use a universal USB power adapter (DC 5V/1.5A, not included) to charge the device. While charging, the charging indicator to the left of the Type-C USB port lights red; when charging is complete, the indicator turns blue. (If the battery is completely empty, a full charge takes about 6 hours.)

3. Inserting the Memory Card

- Prepare a Class 10 Micro SD card (up to 256 GB) in advance.
- Open the card slot cover to access the card slot.
- Insert the Micro SD card into the slot, making sure it is oriented correctly. Never force the card in.
- Format the Micro SD card to improve card compatibility.
- To remove the card from the memory card slot, gently press the edge of the card inward; the card will pop out. Then remove the card.

Note: If the Micro SD card is not inserted or is inserted incorrectly, the Micro SD card icon, the number of remaining photos or the available recording time are not shown on the display after power-on. Pressing the Shutter/OK button displays the “No card” prompt.

4. Basic Operation

4.1. Turn ON and turn OFF

Press and hold the Power/Mode button for 3 seconds to turn the device on. Press and hold it again for 3 seconds to turn it off.

4.2. Night Vision Enhanced Mode

Night vision enhanced mode doubles the night vision brightness compared with normal mode and helps obtain a clearer image in dark scenes.

In photo or video mode, open the menu, go to Video Resolution / Photo Resolution and select “480P ENV”.

Note: In night vision enhanced mode the resolution is VGA, image noise may be slightly higher and digital zoom is not available.

4.3. Color Effects

The color effects can be used both in normal color mode and in black-and-white night vision mode with the infrared light on.

Steps:

Press and hold the Menu/Special Effects button for 3 seconds → Luminous Green color effect.

Press and hold the Menu/Special Effects button again for 3 seconds → Infrared light color effect.

Press and hold the Menu/Special Effects button again for 3 seconds → return to normal color or black-and-white mode.

4.4. White light (flashlight)

With the device on, short press the Flashlight button to cycle through: constant light → strobe → off. The constant light can be used as fill light or for illumination; the strobe can be used as an SOS signal or to scare away small animals.

4.5. Display backlight adjustment

Press the Screen backlight adjustment/button backlight switch button to change the screen brightness. The brightness starts at the default level 4 and cycles in the order 5 > 6 > 7 > 1 > 2 > 3 > 4. Select a level that is clearly visible in the current ambient light.

Press and hold the same button to turn off the button backlight.

4.6. Lens focus wheel adjustment

1. After turning on the device, aim at the target and turn the lens focus wheel until the image on the display is at its sharpest.

2. In low light or at night, short press the IR Up/Zoom in/Up button to turn on the infrared light; the image turns black and white. Select the IR level to suit the conditions: the darker the scene,

the higher the level. Press and hold the IR Up/Zoom in/Up button to zoom. You can also press the Flashlight button to turn on the white light for color viewing; first turn off the infrared light with the IR Down/Zoom out/Down button.

4.7. Changing the modes

The night vision device has 3 modes: photo mode, video mode and playback mode. Press the Power/Mode button to change the mode.

	Photo Mode	For taking still photos.
	Video Mode	For recording video.
	Playback Mode	For playing back recorded files.

4.8. Taking pictures

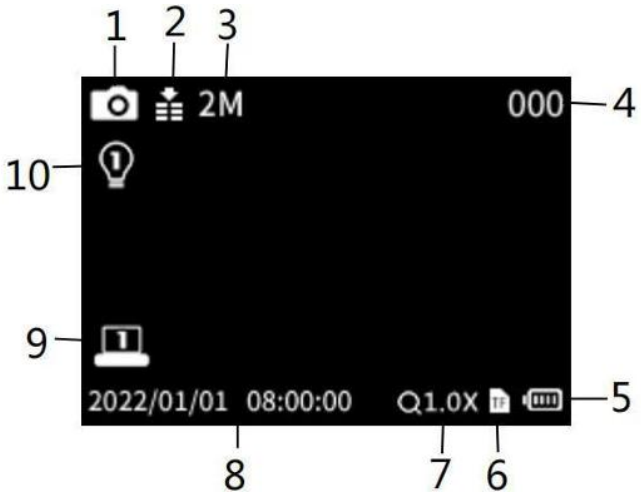


Fig.2. Taking pictures

1. Photo mode
2. Night vision sensitivity
3. Photo resolution
4. Number of photos that can be taken
5. Battery status
6. Micro SD card prompt
7. Digital zoom indication
8. Shooting time stamp
9. Display brightness
10. Infrared light level

- Turn on the device; it starts in Video mode by default. Press the Power/Mode button to switch to Photo mode.
- Zooming: Press and hold the IR Up/Zoom in/Up button or the IR Down/Zoom out/Down button to zoom in or out. The magnification level is shown on the LCD screen.
- To take a still photo:
  - View your subject on the LCD screen.
  - Adjust the focus by turning the focus wheel.
- At night or in low light, press the IR Up/Zoom in/Up button to turn on the infrared light. Press the Up or Down button repeatedly to increase or decrease the level; there are 7 levels (0 > 1 > … > 7 > 0). The darker the scene, the higher the level. To switch from the infrared light to the white light, short press the Flashlight button (see 4.4). Press the Shutter/OK button to take a photo.

4.9. Recording Video

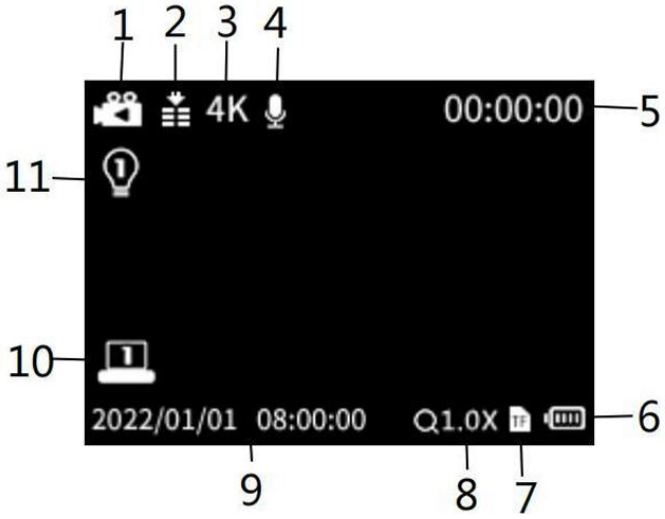


Fig.3. Recording video

1. Video mode
2. Night vision sensitivity
3. Video resolution
4. Recording switch indication
5. Available video recording time
6. Battery status
7. Micro SD card prompt
8. Digital zoom indication
9. Shooting time stamp
10. Display brightness
11. Infrared light level

- Turn on the device; it starts in Video mode by default. If it does not, press the Power/Mode button to switch to Video mode.
- Zooming: Press and hold the IR Up/Zoom in/Up button or the IR Down/Zoom out/Down button to zoom in or out. The magnification level is shown on the LCD screen.
- To record video:
  - View your subject on the LCD screen.
  - Adjust the focus by turning the focus wheel.
- At night or in low light, press the IR Up/Zoom in/Up button to turn on the infrared light. Press the Up or Down button repeatedly to increase or decrease the level; there are 7 levels (0 > 1 > … > 7 > 0). The darker the scene, the higher the level. To switch from the infrared light to the white light, short press the Flashlight button (see 4.4).
  - Press the Shutter/OK button to start recording. The recording duration is shown on the LCD screen.
- To stop recording:
  - Press the Shutter/OK button again to stop recording.
  - The device stops recording automatically when the memory card is full.

4.10. Device cannot be turned on or off

1. If the device is fully charged but cannot be turned on, or the screen freezes during use and the device cannot be turned off, insert a thin, rigid object such as a toothpick or a wire into the RST hole (Fig.4). Press gently until you feel resistance and a slight click, then turn the device on again.

2. Use a universal USB power adapter (DC 5V/1.5A, not included) to charge the device. After the Type-C USB cable is connected, the charging indicator lights red. If the device can be turned on only while the cable is connected and turns off when the cable is unplugged, the built-in battery is empty: charge it fully or use an external power bank.

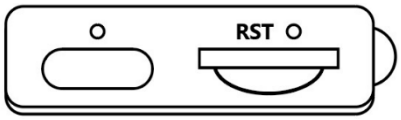


Fig.4. RST hole

4.11. Poor image

- If you use the device with a helmet or helmet strap, take off your glasses; without a helmet, you can keep your glasses on.
- In daylight, make sure the IR is off (with the IR on, the screen is black and white).
- At night or in low light, make sure the infrared light or the white light is on: press the IR Up/Zoom in/Up button to turn on the infrared light (the screen turns black and white), or short press the Flashlight button to switch to the white light. Adjust the brightness to suit the conditions.
- Adjust the focus by slowly turning the focus wheel until the image is sharp.

4.12. Settings in photo and video mode

In photo or video mode, press the Menu/Special Effects button to open the menu and change the settings.

Menu	Function
Video Resolution	Set the video resolution. Options: 480P ENV / HD / FHD / 4K
Photo Resolution	Set the photo resolution. Options: 480P ENV / 1M / 2M / 3M / 5M / 8M / 12M / 36M
Night Vision Sensitivity	Select night vision sensitivity. Options: [Low] / [Middle] / [High]
Power Light	Turn the button backlight on or off.
Video Frame Rate	Set the frame rate to suit the scene. The lower the frame rate, the brighter the night vision image, but the less smooth the video when moving. Options: Auto / 5 FPS / 10 FPS / 15 FPS / 20 FPS / 25 FPS / 30 FPS
Audio	On/Off.
Date Stamp	On/Off.
Time Setting	Set the date and time. Press the Up or Down button to adjust the value, press the Power/Mode button to move the cursor between fields, then press the Shutter/OK button to finish.
Auto power-off	Set the idle time after which the device powers off automatically to save power. Options: [Off] / [1 min] / [3 min] / [5 min] / [10 min]
Language Setting	Set the on-screen display (OSD) language. Options: [English] / [简体中文] / [繁體中文] / [日本語] / [한국어] / [Русский] / [Français] / [Deutsch] / [Italiano] / [Español] / [Português] / [Nederlands] / [Čeština] / [Polski] / [Türkçe]

Power Frequency	Set the power line frequency to match the local mains supply to prevent flicker. Options: [50 Hz] / [60 Hz]
Format	Format the Micro SD card. Formatting deletes all files, including protected files. Copy any important files before confirming. Options: [Confirm] / [Cancel]
Reset System	Restore the factory default settings. Options: [Confirm] / [Cancel]
Version	View the firmware version.
Screen Brightness	Adjust the screen brightness as required. Options: [Level 1] / [Level 2] / [Level 3] / [Level 4] / [Level 5] / [Level 6] / [Level 7]

4.13. Playback

- Turn on the device and press the Power/Mode button to switch to playback mode.
- Press the Up/Down button to browse photos and video files.
- Playing back video
    - Press the Shutter/OK button to start playing the selected video.
    - Press the Shutter/OK button again to pause.
    - Press the Menu/Special Effects button to stop playback.

In playback mode, press the Menu/Special Effects button to display the playback menu. Press the Up/Down button to select an option (lock, unlock or delete), then press the Shutter/OK button to enter the sub-menu.

Playback menu list:

Menu	Function
Delete	Delete the current file on the memory card. Options: [Confirm] / [Cancel]
Delete All	Delete all files on the memory card. Options: [Confirm] / [Cancel]
Lock This	Lock the current file on the memory card. Options: [Confirm] / [Cancel]
Unlock This	Unlock the current file on the memory card. Options: [Confirm] / [Cancel]
Unlock All	Unlock all files on the memory card. Options: [Confirm] / [Cancel]

5. Download files to PC

There are two ways to transfer files from the device to a computer:

1. Insert the memory card into a card reader.

2. Connect the device to a computer with the supplied Type-C USB cable.

6. Using a card reader

1. Remove the memory card from the device and insert it into a card reader, then connect the card reader to a computer.

2. Open [My Computer] or [Windows Explorer] and double-click the removable disk icon that represents the memory card.

3. Copy the files from the card to a folder of your choice on the computer's hard disk.

7. Connecting the device to a PC through the USB cable

1. Turn on the device and connect it to a computer with the supplied Type-C USB cable.

2. Select “Memory” on the device screen and press the Shutter/OK button to enter removable disk mode.

3. Open [My Computer] or [Windows Explorer]. A “Removable Disk” appears in the drive list. Double-click the “Removable Disk” icon to view its contents. Files stored on the device are located in the “DCIM” folder.

4. Copy the photos or files to your computer.

8. Notes on cleaning

Before cleaning the device, disconnect it from the power supply. Clean the exterior only with a dry cloth. To avoid damaging the electronics, do not use any cleaning fluid. Clean the eyepiece and lenses only with a soft, lint-free cloth (e.g. a microfiber cloth), applying only gentle pressure to avoid scratching the lenses. Protect the device from dust and moisture, and store it in a bag or box.

9. Helpful tips

1. The lens of this night vision device has a narrow angle of view and is mainly suitable for observing distant objects.

2. Do not walk while wearing the night vision device, to avoid falling. When walking, flip the device up and attach it to the helmet bracket.

Contacts:

WhatsApp: +420 777 054 888

Email: support@partizan.global

Telegram: https://t.me/PartizanSupport_bot