

Ork Hunter NIGHT B-6

User Manual

Ork Hunter

2026

Table of Contents

1. Product overview	3
2. Specification	4
3. About Charge	5
4. Inserting Memory Card	5
5. Basic Operation	5
5.1. Turn ON and turn OFF	5
5.2. Distance screen saver	5
5.3. Compass mode	6
5.4. Pure world full video function	6
5.5. Night Vision Enhanced Mode	6
5.6. Special color effects	6
5.7. Eyepiece/display adjustment	6
5.8. Objective/lens adjustment	7
5.9. Changing the modes	7
5.10. Taking pictures	8
5.11. Recording Video	9
5.12. Device power OFF	9
5.13. Poor image	10
5.14. IR – LED (Night vision function)	10
5.15. Setting in photo and video mode	10
5.12. Playback	11
6. Download files to PC	12
7. Using a card reader	12
8. Connecting 3DVR to a PC via USB cable	12
9. Photo and video synthesis 3DVR file	12
10. Notes on cleaning	14
11. Warm tips	15

1. Product overview

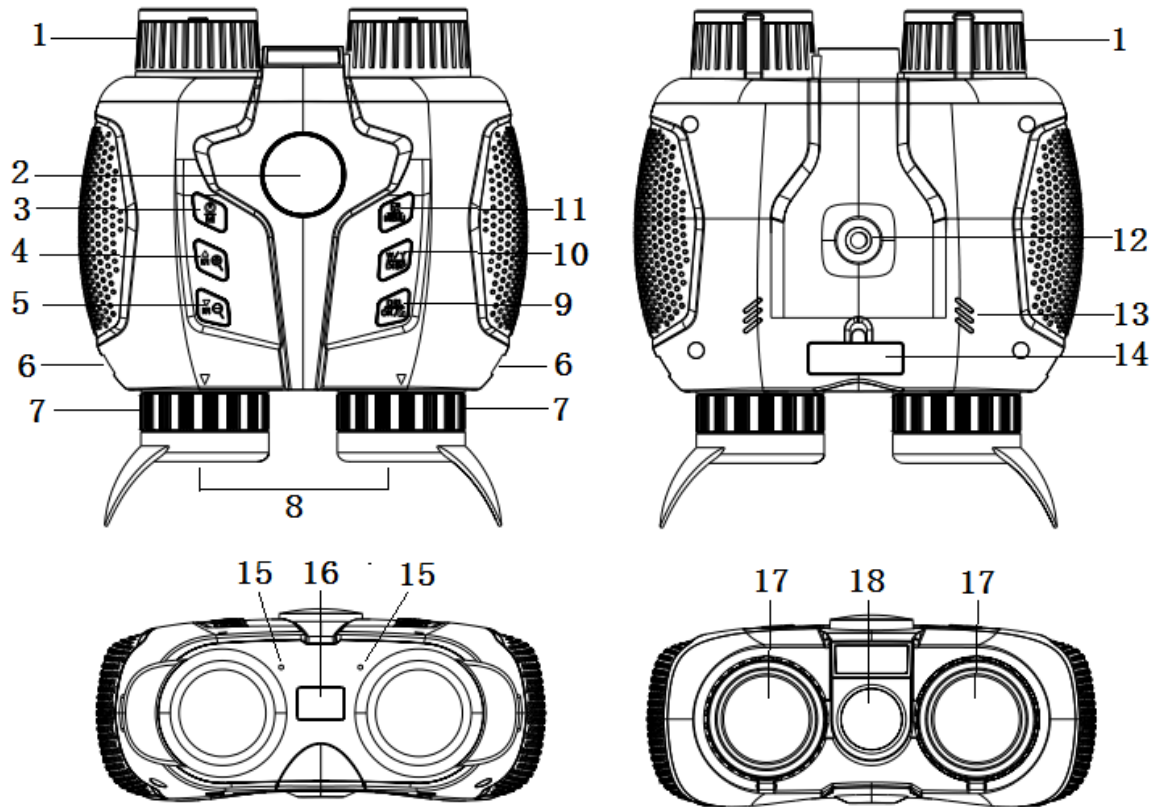


Fig.1. Product overview

1. Lens focus wheel
2. Compass/Sync button
3. Power/Mode button
4. Up/IR Up/Zoom In button
5. Down/IR Down/ Zoom Out button
6. Rope hole
7. Eyepiece Diopter Adjusting Wheel
8. View Area /Display Screen
9. OK/ Shutter/Delete button
10. 360P Night Vision Enhance/Clear screen button
11. Menu/Effect button
12. Bracket fixing screw
13. Speaker
14. Usb Port/Charge indicator light/Reset hole/ Micro SD Card Slot Cover
15. Mic hole
16. Screensaver distance sensor
17. Lens
18. Infrared light transmitter

2. Specification

3D image resolution	8064x3024、7840x2940、6528x2448、5184x1944、4096x1536、3200x1200、2560x960、1280x360 night vision enhancement 3D video resolution: 3840x1080 2880x1080、2560x720、1280x360 night vision enhancement
3D video resolution	3840x1080, 2880x1080, 2560x720, 1280x360 night vision enhancement
Video frame rate	automatic /5FPS/10FPS/15FPS/ 20FPS/25FPS/30FPS, you can select and set different frame rates according to different scenes (the lower frame rate, the higher the night vision brightness)
Lens	Dual lens, F1.2 wide aperture, f=35MM, FOV 7 degrees, automatic infrared filter
Lens focusing mod	manual rotation focusing
Display	Built-in giant screen, equivalent to 2.5 meters to watch 150 inches of large screen, 7 brightness adjustment
Memory card	Dual micro SD card, up to 32GB
USB interface	TYPE-C
Color effects	color, black and white, luminous green, infrared
Automatic shutdown	1 minute /3 minutes /5 minutes /10 minutes /OFF
Infrared light	3W, 850nm strong infrared spotlight, 7 levels of infrared adjustment
Distance screen save	The screen is turned on when viewing near the eyepiece, and the screen is turned off when leaving the eyepiece to save power
Full black viewing range	up to 700 meters
The maximum viewing distance of low light	1000 meters to see people
Magnification	Digital zoom 6x
Compass	Essential for travel, it allows you to find your way quickly
Power supply	5000mAh lithium battery
Language	Multiple languages are available
Date stamp	Supports setting date and time. Date and time stamps on photo and video files
Operation button	7 buttons
Operating temperature	-20 °C to + 50 °C
Storage temperature	30 °C to + 60 °C
Size and weight	about 148mm*147*60mm / 544g

3. About Charge

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

Please use a universal USB power adapter (DC 5V/2A) (power adapter not included) to charge this device. When charging, the charging indicator on the left side of the TYPE-C USB port will turn red; When fully charged, the charging indicator turns off. (If the device is completely out of power, it can be fully charged in about 5 hours).

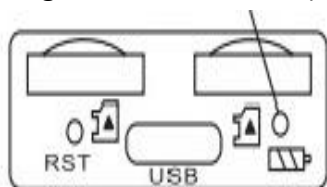


Fig.2. Charge indicator light

4. Inserting Memory Card

- Please prepare two identical Micro SD cards in advance (it is recommended to use brand cards above class 10), otherwise the picture displayed on the left and right lens may not be synchronized.
- Open the card slot cover, you will see the card slot.
- Ensure that the Micro SD card is in the right direction and insert two Micro SD cards into the card slot separately.
- Format the Micro SD card before use to improve battery life and shutter speed and Micro SD card compatibility.
- To remove the card from the memory card slot of the device, press the edge of the memory card in gently, the card will pop out. Then remove the card.

Note: If the Micro SD card is not inserted or the card is not inserted correctly or only one Micro SD card is inserted, the SD card icon and the number of photos that can be taken or the recording time will not appear on the display screen when the device is turned on and the prompt "Prompt No card" will appear when the Shutter button is pressed.

5. Basic Operation

5.1. Turn ON and turn OFF

Long press the power button for 3 seconds to turn on the 3DVR camera. Long press the power button again for 3 seconds to turn off the 3DVR camera;

5.2. Distance screen saver

If you are not close to the screen saver distance sensor or eyepiece, the display will turn off the screen automatically to save power, and the display will turn on automatically when you are close to the eyepiece. If you do not need this function or are outside in strong sunlight, please enter the menu to find the "Screen savers" and press OK button to turn this function off.

5.3. Compass mode

In photo or video mode, press the compass button to enter the compass screen (as below picture), so that you can quickly find the direction.



Fig.3. Compass screen

5.4. Pure world full video function

Long press the 360P Night Vision Enhance/Clear Screen button to turn off the character display on the screen and enter the pure world full video function.

5.5. Night Vision Enhanced Mode

Night vision enhancement mode is twice as bright as normal night vision mode; In photo or video mode, short press the 360P Night Vision Enhance/Clear Screen button to quickly switch to night vision enhancement mode.

Notice: The resolution of night vision enhancement mode (360P ENV) is VGA, the image noise will be slightly larger and the digital zoom can not be used.

5.6. Special color effects

The color effect function can be turned on in normal color mode and black and white mode with infrared light night vision:

Long press "Menu/Effect button" ->Luminous Green Color Effect;

Long press "Menu/Effect button" ->Infrared light Color Effect;

Long press "Menu/Effect button" ->Get back to the normal color mode.

5.7. Eyepiece/display adjustment

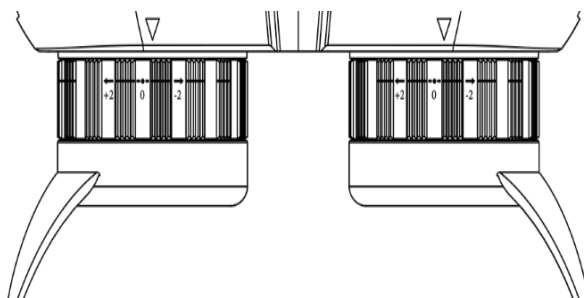


Fig.4. Eyepiece/display adjustment

After you turn on the device, please press the Menu/ Effect button to enter the menu, check the eyepiece/ display, if the font of the menu is not clear, close your left eye and the right eye respectively, rotate the left eye/right eyepiece diopter adjustment wheel respectively (If you have normal vision, adjust the scale on the dioptic wheel to "0" ; If near sighted, adjust to "-"; If far-sighted, adjust to "+") , until the menu font is the most clear.

5.8. Objective/lens adjustment

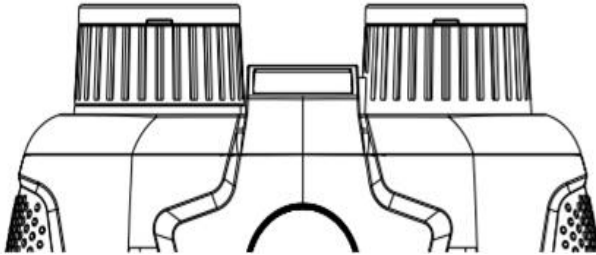





Fig.5. Left lens focus wheel

1. When the eyepiece refraction is clear, press the MENU button again to exit the menu.
2. Aim at the scene in front of the target, adjust the left lens focus wheel, the left and right display screen two pictures to see the clearest until. If the light is insufficient or is used at night, please press the Up /IR Up/Zoom in button to turn on the infrared light, please select the IR gear according to the light at that time. The darker the light, the higher the gear adjustment. Long press the Up /IR Up/Zoom in button to zoom.
3. Then watch the actual scenery, please stare at the scenery a little farther away for a while to adapt slightly, so that the left/right two pictures completely coincide.
4. Long press the Up /IR Up/Zoom in button, and the Down /IR Down /Zoom out button to zoom in or zoom out.
5. If the left and right eyepiece/display are not synchronized, long press the Compass button to synchronize the left and right eyepiece/display.

5.9. Changing the modes

This 3DVR camera has 3 modes: Camera mode, video mode and playback mode. Press the Power/Mode button to switch between different modes.

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

5.10. Taking pictures

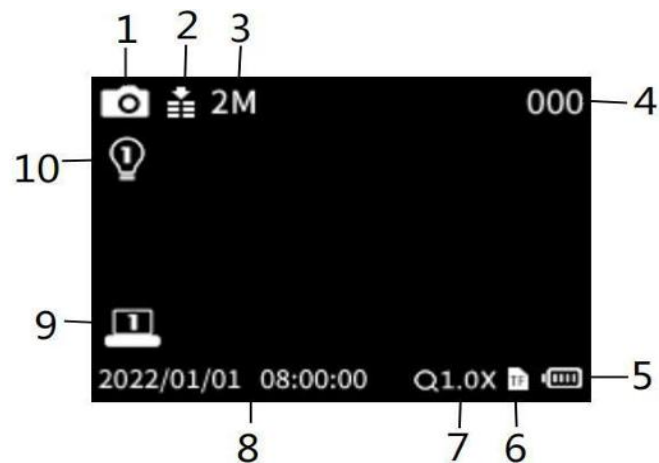


Fig.6. Taking pictures

- | | |
|----------------------------|---|
| 1. Camera mode | 2. Night vision sensitivity |
| 3. Photo resolution | 4. Number of pictures 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 gear |

- Turn on the device, the default is Video mode. Please long press the MENU button to switch to Camera mode.
- Zooming: Keep pressing button to zoom in or zoom out the image. The value of magnification level appears on the LCD screen.
- Take a still photo.
 - View your subject via the LCD screen.
 - Adjust the focus by turning the focus wheel.
- For night or insufficient light use, turn on the IR by pressing the IR Up/Zoom in/Up Button. Increase the brightness by pressing the button repeatedly. It has 7 levels of brightness. The brightness can be adjusted according to your needs. The light is dark, gear to adjust to the higher.
- Press the Shot/OK button to take a photo.

5.11. Recording Video



Fig.7. 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 | |

- Turn on the device, the default is Video mode. If not, press the MENU button to switch to Video mode.
- Zooming: Long press button to zoom in or zoom out the image. The value of magnification level appears on the LCD screen.
- Take a still photo.
 - View your subject via the LCD screen.
 - Adjust the focus by turning the focus wheel.
- For night or insufficient light use, turn on the IR by pressing the IR Up/Zoom in/Up Button. Increase the brightness by pressing the button repeatedly. It has 7 levels of brightness. The brightness can be adjusted according to your needs. The light is dark, gear to adjust to the higher.
 - Press the OK/ Shutter/Delete button to start to record(When shooting, try not to shake the camera too much and move too fast, so as not to affect the 3D effect).The record duration will be shown on the LCD screen.
- Finish recording.
 - Press the OK/ Shutter/Delete button again to stop recording.
 - The device will stop recording automatically once capacity of the memory card is full.

5.12. Device power OFF

1. If the device is fully charged and cannot be turned on or the screen cannot move during use and cannot be turned off, please insert a small hard strip such as toothpick or wire into the RST hole, when you feel the resistance, press it and then turn it on.

2. Please use a universal USB power adapter *(DC 5V/3A) (* not included) to charge the machine. After the TYPE-C USB is connected to the machine, when the charging indicator of the machine is red, long press the power button to start the machine, and unplug the TYPE-C USB and then shut down, indicating that the internal battery is out of power and it needs to be fully charged or external mobile power supply.

5.13. Poor image

- If you wear glasses, when using a helmet or helmet strap, please remove glasses when using the device. If you do not use the helmet, you can wear the glasses to use the device wear glasses, remove them when using the device.
- Adjust the left/right eyepiece diopter wheel by slowly turning it until the display is clear.
- If used during the day, make sure that the infrared light is turned off (if the infrared light is turned on, the screen will show black and white, if the infrared light is turned off, the screen will show color).
- For use at night or in low light, make sure the IR light is turned on, and then press the Up /IR Up/Zoom In button (if the IR light is turned on, the screen is black and white) to adjust the most appropriate brightness according to the actual situation.

5.14. IR – LED (Night vision function)

In photo/video mode, if you have to view the darkness environment, please short press Up /IR Up/Zoom In button to activate the IR LED, the image will change to black and white. The IR LED have seven levels, short press Up /IR Up/Zoom In button to up the level, short press Down/ IR Down/Zoom Out button to down the level. (If the battery voltage is not enough, the IR LED level will down automatically. IR level can up to 7 levels when the battery power is full. If only left half power, the level just can up to 5. If only left 25% power, the level just can up to 3. If the battery power is lower than 25%, IR LED cannot be activated).

5.15. Setting in photo and video mode

Menu	Function
Video Resolution	Set the video resolution. Options: 360P ENV/HD/1080P/FHD
Photo Resolution	Set the photo resolution. Options:360P enhanced night vision/1M/ 2M/3M/ 5M /8M /12M/36M.
Night-vision sensitivity	Choose the night vision sensitivity. Options: [Low]/[Middle]/[High].
Screen brightness	Adjust the screen brightness as required. Options: [Level1]/[Level 2]/[Level 3]/[Level 4]/ [Level 5]/[Level 6] /[Level 7].
Screen savers	ON / Off
Power light	ON / Off

Video Frame	You can set different frame rates according to different scenes (the lower the frame rate, the higher the night vision brightness, but the more sluggish the video picture when moving). Options: Auto /5FPS/10FPS/15FPS/ 20FPS/ 25FPS /30FPS
Audio	ON/Off.
Date Tag	ON/Off.
Bepp sound	ON/Off.
Time Setting	Set the time and date of the device. Press the Up or Down buttons to adjust the time, press the 360P Night Vision Enhance/Clear screen button to move the cursor between Settings, press the OK button to complete all Settings.
Auto power-off	Set the time to shut down the device for power saving if the device is idle. Options: Off/1min/3min/5min/10min.
Language Setting	Set OSD (on-screen) language. English/简体中文/繁体中文/日本語/한국어/Русский/Français/Deutsch/Italia /español/ portugués/Nederlands /čeština/ Polski / Türkiye
Power Frequency	Set the light source frequency to match frequency of electricity supply in local region to prevent interference. Options:[50Hz]/[60Hz]
Format	Formatting the memory card will delete all files, including the locked files. Please copy important files to your computer before formatting. Options :[Confirm]/[Cancel]
Restore System	Restore the setup to factory default settings. Options:[Confirm]/[Cancel].
Version	User can see the firmware version information.

5.12. Playback

- Turn on the device, press the Power/Mode button to switch to playback mode.
- Press Up/Down button to view photos and video files.
- Playback the video
 - Press the OK button to start playing the video files.
 - Press the OK button again to have a pause.
 - Press MENU button to stop the current video playing.

Press MENU button in playback mode, the screen will display the playback menu. Press Up/Down button to scan, lock or delete. And press OK button to select one to enter the sub-menu. Press the Menu button to return to the previous menu.

Playback menu list :

Menu	Function
Delete	Delete the current file in memory card. Options:[Confirm]/[Cancel].

Delete All	Delete All Delete all files in memory card. Options:[Confirm]/[Cancel].
Lock This	Lock This Lock the current file in memory card. Options:[Confirm]/[Cancel].
Unlock This	Unlock the current file in memory card. Options:[Confirm]/[Cancel].
Lock All	Lock the all files in memory card. Options:[Confirm]/[Cancel].
<u>Unlock All</u>	Unlock All Unlock the all files in memory card. Options:[Confirm]/[Cancel].

6. Download files to PC

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

1. By inserting the memory card into a card reader.
2. By connecting the device to a computer using the supplied USB cable.

7. Using a card reader

1. Eject the left and right Micro SD cards from the device, then insert them into the card reader and connect them to the computer.
2. Open [My Computer] or [Windows Explorer], find the removable disk on behalf of the memory card.
3. Copy the files from the left and right memory cards to a directory of your choice on your computer, and then use the dedicated photo and video compositing tool to combine 3DVR photos and videos.

8. Connecting 3DVR to a PC via USB cable

1. Turn on the 3DVR camera. Connect the camera to the computer via a TYPE-C USB cable.
2. After the "USB icon" is displayed on the camera screen, the camera automatically enters the removable disk mode.
3. Open [My Computer] or Windows Explorer and pop up 2 removable disks (one for the left Micro SD card and the other for the right Micro SD card).
4. Copy the files from the left and right Micro SD cards to a directory of your choice on your computer and then use the dedicated photo and video compositing tool to combine 3DVR photos and videos.

9. Photo and video synthesis 3DVR file

1. Connect the 3D camera to the computer using a TYPE-C USB cable, and 2 removable storage disks pop up on the computer.
2. Open the TOOL folder in the TF storage card of the 3D camera and press the download link of "Picture and Video Synthesis Tool" to download the picture and video synthesis tool to the computer (3D video has a stronger sense of perspective, richer viewing Angle content, and can shoot as far away as possible).

3. Open the "Picture and Video Synthesis Tool" on the computer, and the interface of the tool pops up. Select the "Picture" button to synthesize the picture, click the "left picture" to select the picture in the PHOTO folder, click the "right picture" to select the picture in the PHOTOR folder, and finally click the "Synthesis" button. After selecting the storage path, 3DVR images in left and right formats are synthesized and spliced.



Fig.8. Image menu

4. Select "Video" button to synthesize video, click "Left video" to select the video in the VIDEOL folder, and then click "right video" to select the video in the VIDEOR folder, and finally click "synthesize" button to select the storage path to synthesize and splice the left and right format 3DVR video frequency.



Fig.9. Video menu

5. Open the synthesized folder on your computer to view 3D pictures or 3D videos, the synthesized 3D photos and videos can be played and viewed on the following 3D devices.

Professional 3D display: please select "Left and Right Format" on the polarized 3D display to play, and wear polarized 3D glasses to watch (the best viewing distance is 2-3 meters).



Fig.10. Polarized 3D glasses

Ordinary display: Please select a video player with 3D function, import 3DVR video, open the 3D mode of the player, set "Left and Right format" and "Red and blue dual color" to play, wear 3D red and blue glasses to watch.



Fig.11. 3D red and blue glasses

VR headset: Please download 3DVR photos and videos to the mobile phone, and the mobile phone is loaded into the VR headset for playback and viewing.



Fig.12. VR headset

Note:

1. Picture and video composer is only compatible with windows supporting win7 64-bit and above systems; Apple Mac supports macOS Monterey 12.7.4 and up after 2015.
2. Because there is no standard for naked-eye 3D displays, there are compatibility differences, and the 3D files synthesized by this product may not be good for viewing on naked-eye 3D displays.

10. Notes on cleaning

Before cleaning the device, disconnect it from the power supply!

Only use a dry cloth to clean the exterior of the device. To avoid damaging the electronics, do not use any cleaning fluid. When cleaning the eyepieces or lenses use a soft, lint-free cloth, (e.g. microfibre cloth).

To avoid scratching the lenses, use only gentle pressure with the cleaning cloth. Protect the device from dust and moisture. Store it in a bag or box.

11. Warm tips

1. It is recommended not to walk while watching the 3DVR camera, so as not to fall, please turn the 3DVR camera up to the helmet stand when walking.
2. If in the process of use, there is a function MENU on the left and the right display is not synchronized, please long press the "Compass/Sync button" one button fast synchronization.
3. When shooting, the 3DVR camera should try not to shake too much and move too fast, so as not to affect the 3D playback effect or feel dizzy and uncomfortable when watching 3D images.
4. This product is a 3DVR camera with a small lens Angle, it is recommended to watch or shoot the scene at a distance of 20 meters, so as not to affect the 3D effect.