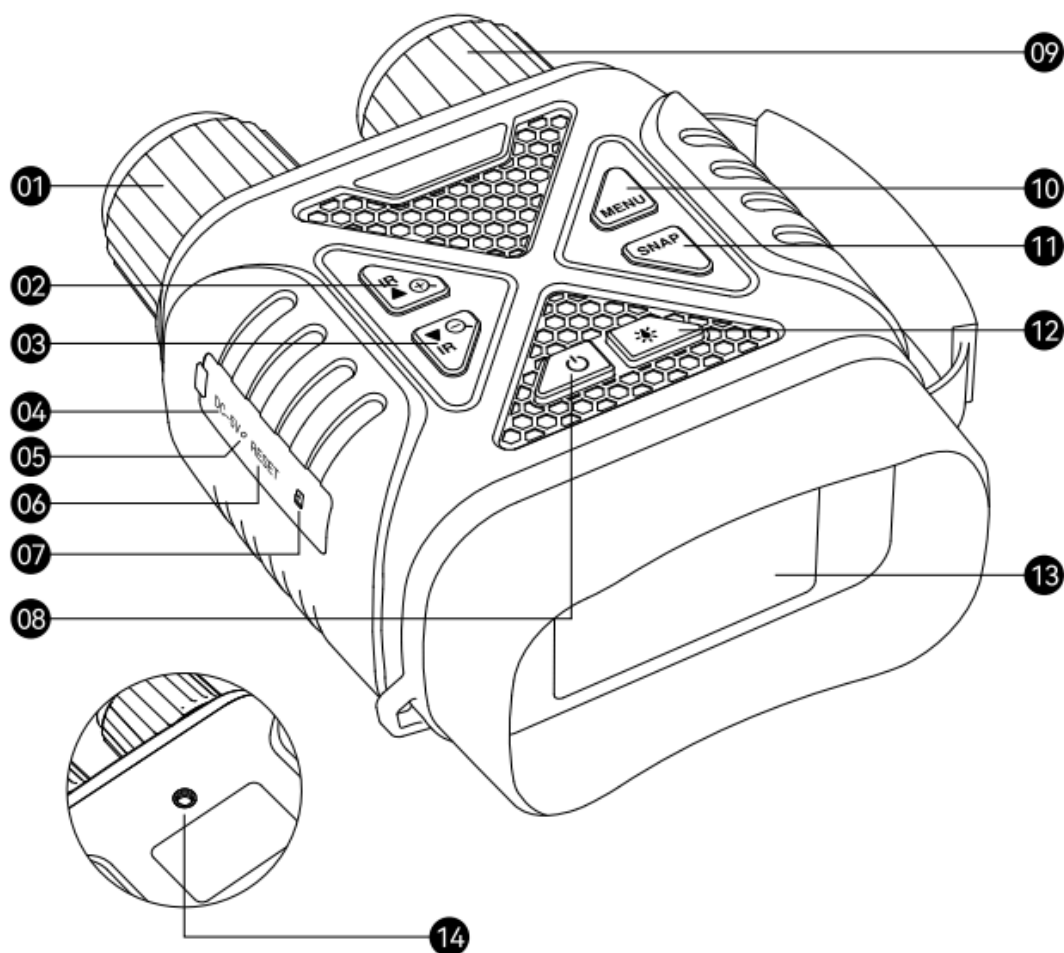


Night Vision Binoculars with 10X Digital Zoom & 2.8-inch IPS Screen





1. Manual focus wheel
2. IR upshift button
3. IR downshift button
4. Charging port
5. Charging indicator light
6. Reset hole
7. TF card slot
8. Power button
9. Infrared transmitter
10. Menu button
11. SNAP button
12. Screen brightness adjustment button
13. 3.0-inch HD display
14. Tripod hole

Power Button (On/Off/File Browsing)

- In the off state, long press to turn on.
- In any interface, long press to turn off.
- In observation mode, short press to enter the file browsing page.

Screen Brightness Adjustment Button (Screen Brightness Adjustment)

- In any mode, short press to adjust screen brightness.

Menu Button (Settings/Delete)

- In observation mode, short press to enter the settings page. In file browsing mode, short press to enter the delete page.

SNAP Button (Photo/Video/Confirm)

- In observation mode, short press to take a photo.
- In observation mode, long press to enter video mode. Short press again to end video recording.
- In the settings interface, the SNAP button functions as the confirm button.

IR Increment Button (IR Increment/Zoom In/Up)

- In observation mode, short press to increase the infrared lamp level.
- In observation mode, long press to digitally zoom in.
- In other modes, move up.

IR Decrement Button (IR Decrement/Zoom Out/Down)

- In observation mode, short press to decrease the infrared lamp level.
- In observation mode, long press to digitally zoom out.
- In other modes, move down.

Reset Hole: If the microscope malfunctions or freezes, use a pointed object to press this hole to force a shutdown.

TF Card Slot: Supports up to 512GB memory card. Please use a high-speed card of C10 or above.

Charging Port: Supports charging and data transmission.

Charging Indicator Light: Red light indicates charging, green light indicates fully charged.

FILE TRANSFER AND STORAGE

1. This product comes with built-in storage, capable of storing about 100 photos. Insert an external storage card to record videos. (For safety reasons, photos stored in the built-in memory cannot be read by other devices.)
2. If additional storage is needed, please use an external storage card (maximum support of 512GB). Format the TF card before use.
3. Ensure the TF card is oriented correctly and insert it gently. Do not force the card in. To remove, lightly press the edge of the TF card to eject it.
4. Use the provided Type-C data cable or a third-party data cable with data transfer functions to connect the night vision device to a computer. When the screen shows "Storage," you can use the night vision device as a USB drive to read/store files through the computer. Do not disconnect the device during file transfer.

CHARGING INSTRUCTIONS

1. Please use a 5V/1A power adapter to charge the device.
2. When charging, the charging indicator light is red, and when fully charged, it is green.
3. During the charging process, there will be a charging indicator on the device panel. When charging is complete, the current battery indicator is as shown below.
4. When the device is completely out of power, it needs to be charged with a 5V/1A charger for at least 1 hour before it can be used normally.

MODE INTRODUCTION

This device is divided into 3 modes:

Storage mode: connect to a computer and use the device while charging.

Video mode: connect to a computer to read, write, and format the TF card.

PC camera mode: connect to a computer and use it through computer software, the large screen is more intuitive.

1. Device observation mode:

Connect the device to the computer via a USB data cable, select the device storage mode, and then click the SNAP button. You can read or download the TF card storage content through the computer.

2. Video mode:

1. Connect the device to the computer via a USB data cable, select the video mode, and then click the SNAP button. You can use the device while charging.

3. PC camera mode:

Note: When using the PC camera mode.

1. Some function buttons of the device will not be available, which is a normal phenomenon.
2. After connection, if there is no image in the software, please repeatedly plug and unplug the USB data cable or plug the data cable into the USB port behind the computer host.

Windows systems:

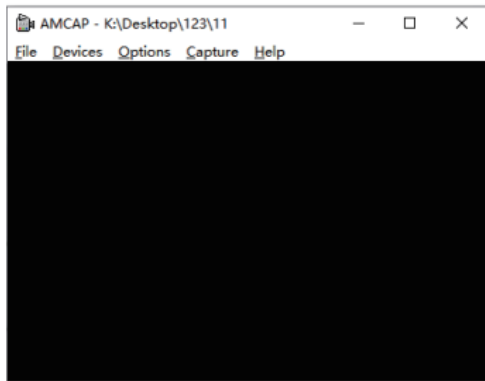
Supports Windows Vista/XP/7/8/10/11 or higher.

1. Software Installation:

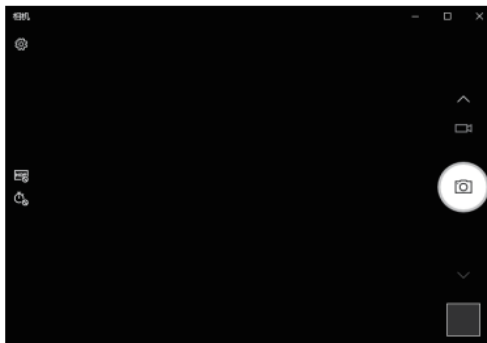
1. For WIN 7/8 system, download and install AMCAP software.
2. For WIN 10/11 system, search for software Windows Camera directly (Note: Please disable the default laptop camera in Windows! And you must change the privacy settings of the camera, which needs to be changed to allow access.)
3. Use the USB data cable that comes with the device to connect the USB port on the back of the computer case, press and hold the power button to turn on the device, and select to enter the computer observation mode.

2. Software page display:

1. Software AMCAP page



2. Windows camera page



*Note: The following situation occurs for a long time when connecting the device to the computer using the data cable. You may try the following solutions:

- a. Firstly, please repeat plugging and unplugging the USB cable or plug the cable into the USB port on the back of the computer case to ensure that the device is powered properly.
- b. Secondly, the software may not be compatible with the system, so you can check if you are using the software installation instructions correctly.

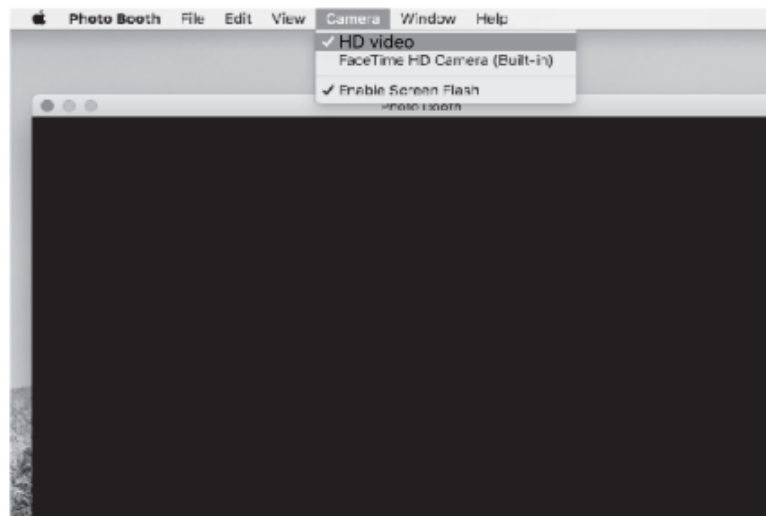
--MacOS systems:

MacOS X 11.0 or higher is supported, not available for Apple laptops with Type-c interface.

1. Opening the software (we recommend using the "Photo Booth" software that comes with your Apple computer).
 - Firstly, in the Applications directory of the Finder window, find an application called "Photo Booth".



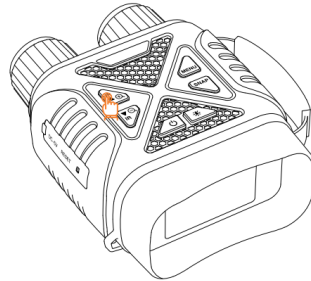
2. Connecting device
 - Connect the microscope to the USB port of your computer with the USB cable that comes with the microscope, press and hold the power button to turn on the device. Select to enter PC camera mode. Open and run the application "Photo Booth".
 - Click on Photo Booth and select the camera "HD video".



- You can also use the alternative software "Quick Time Player".

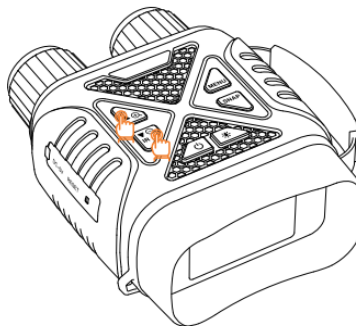
Infrared Light Activation

If using in low light or at night, short press the IR Increment button to turn on the infrared lamp. The darker the light, the higher the level of adjustment needed.



Digital Zoom and Manual Focus

1. Long press the IR Increment/Decrement button to turn on/off digital zoom or adjust the digital zoom from 1x to 10x magnification.
2. Adjust the focus wheel manually according to the actual viewing distance until the screen displays clearly.



Video Mode

1. After powering on, long press the SNAP button to enter video mode; the recording duration will display in the top left corner. Press the SNAP button again briefly to stop recording. When the memory is full, the device will stop recording automatically.
2. Long press the IR increase/decrease button to zoom in or out of the image; the zoom level will display in the bottom left corner of the screen.
3. In low light or nighttime conditions, briefly press the IR increase button to activate infrared mode. Press the button repeatedly to increase brightness, adjusting among 7 brightness levels according to actual light conditions.

Photo Mode

1. By default, the device starts in photo mode after powering on. Press the SNAP button briefly to take a photo.
2. Long press the IR increase/decrease button to zoom in or out of the image; the zoom level will display in the bottom left corner of the screen.
3. In low light or nighttime conditions, briefly press the IR increase button to activate infrared mode. Press the button repeatedly to increase brightness, adjusting among 7 brightness levels according to actual light conditions.

Playback Mode

1. After powering on, press the power button briefly to enter playback mode.
2. Press the IR increase/decrease button briefly to browse through photo and video files.
3. During video playback, press the SNAP button to start playing a recorded video; press the SNAP button again to pause playback.
4. In playback mode, press the menu button to display the playback menu. Use the IR increase/decrease button to select the delete page setup option. Press the SNAP button to confirm selection and enter the options screen; press the menu button to return to the previous level.

Important Tips

1. If using during the day, ensure the infrared lamp is off (if the infrared lamp is on, the screen will display in black and white; if the infrared lamp is off, the screen will display in color).
2. If using at night or in low light conditions, ensure the IR is on (if IR is on, the screen will display in black and white). Adjust the brightness to the most suitable level according to the actual situation.
3. When the battery voltage is low, a low battery warning will appear on the screen, and the infrared lamp cannot be turned on, which is normal.

Product Specifications

- Screen Parameters - 2.8-inch HD Display Screen
- Pixels - 2 million pixels
- Lens - Aperture 28mm
- Infrared Lamp - 5W 850NM, 7 levels of IR adjustment
- Focus - Manual focus
- Digital Zoom - 10x
- Observation Distance in Complete Darkness - 0.5M–800M

- Low Light Observation Distance - 0.5M–Infinity
- Maximum Memory Card Support - 512GB
- Photo Format - JPG
- Video Format - AVI
- Battery Capacity - 2000mAh
- Working Time - 3 hours
- Charging Time - 3 hours

Troubleshooting

The device cannot be charged?

- Replace with a working Type–C data cable.
- Turn on the main power of the power supply device (e.g., power strip, computer power).

The device is frozen?

- Press the reset hole on the main unit with a fine needle to force shutdown the device.

Cannot connect to the computer?

- Ensure the data cable is plugged in securely, replace the data cable, or use the original data cable.
- The microscope main unit is not powered on.
- Confirm whether the device is correctly set to memory card reading mode.

Unable to save photos/videos?

- If a storage card is inserted, replace it with a personal storage card.
- If no storage card is inserted, please insert a personal storage card.
- Format the memory card (Note: Formatting will delete all data on the memory card, please remember to back up in time).

Images appear blurry?

- The microscope has a fixed focal length, with a shallow depth of field, suitable for observing flat objects.