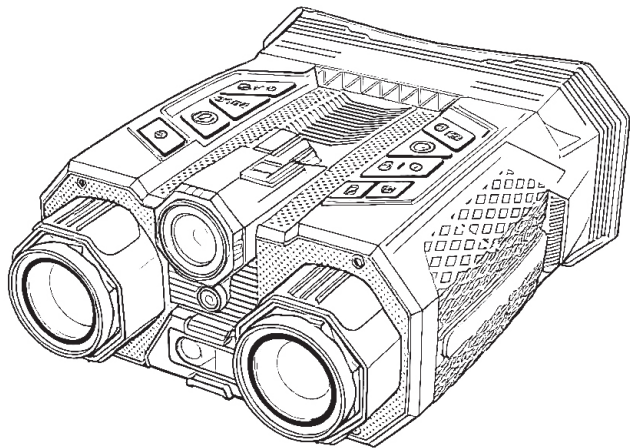
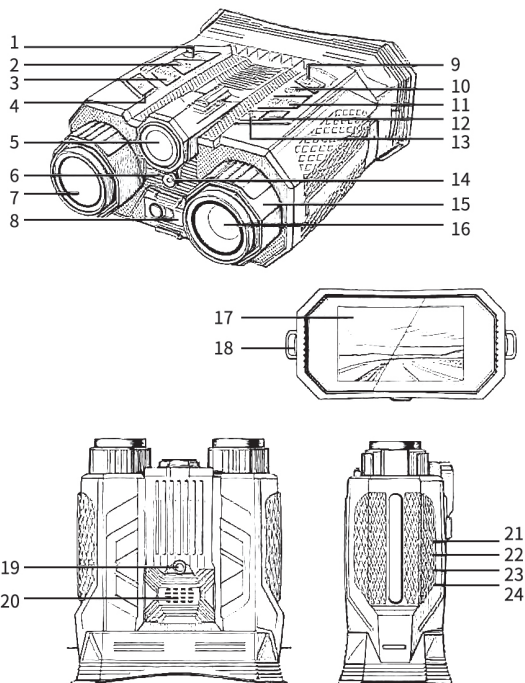


# D99

## User Manual



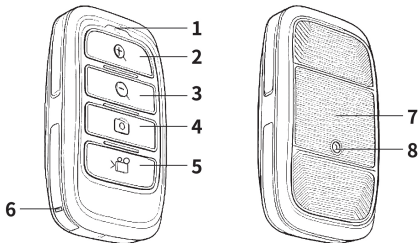
## Function Description



|                              |                        |                                     |
|------------------------------|------------------------|-------------------------------------|
| 1. Shutter button /OK button | 2.Mode keys            | 3.Menu key/wifi key                 |
| 4.Key the rangefinder        | 5.Flashlights          | 6.Pickup                            |
| 7.Infrared transmitter       | 8.Range finder         | 9. IR up/down/zoom /increase button |
| 10.Power button/laser        | 11.IR down/down button | 12.Key light                        |

|                 |                             |                           |
|-----------------|-----------------------------|---------------------------|
| 13.Flash button | 14.Target reference locator | 15.Camera tuning wheel    |
| 16.Camera lens  | 17.Display screen           | 18.Hook n' loop fasteners |
| 19.Tripod holes | 20.Suona                    | 21. TF card slot          |
| 22.Pilot lamp   | 23.USB data interface       | 24.Reset key              |

## Remote control



**1 Indicator** When the button is pressed, the blue light of the indicator is on

**2 Magnification/IR+** Short press to turn on infrared, and press again to increase the infrared lamp by one level; long press digital zoom magnification, and press once to magnify by one level

**3 Zoom/IR-** Short press to reduce one infrared level, down to 0 level to turn off infrared; long press digital zoom to zoom in, long press once to zoom in one level

**4 Take a photo** Tap to switch to the take a photo mode, and tap again once in the take a photo mode

**5 Video** Short press to switch to video mode, short press again to start recording in video mode, and short press again to stop recording in video mode

**6 Hang the rope hole**

**7 battery cover**

**8 tapping hole**

## Specification Parameters

**Photo resolution:** 48M( $8000 \times 6000$ ) 36M( $7936 \times 4480$ ) 24M( $5600 \times 4200$ )  
12M( $4032 \times 3024$ ) 5M( $2592 \times 1944$ ) 2M( $1920 \times 1080$ )

**Video resolution:** 4K( $3840 \times 2160$ ) FHD( $1920 \times 1080$ )

**Display:** Built-in 4-inch HD display

**Infrared lamp:** 5W,850nm strong infrared spotlight, 7 infrared adjustment  
F1.2large aperture,  $f=25\text{mm}$ , FOV10 degrees

**Automatic shutdown:** off/1/3 mins

**Observation distance:** 200 meters-800 meters full black observation distance

**1 meter to infinity lowlight observation distance magnification:** 16X

**Battery:** Built

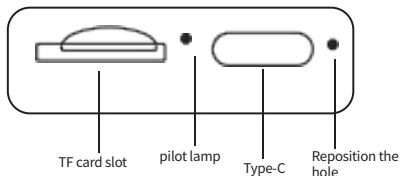
**In10000mah rechargeable lithium battery Environmental temperature:**

Operating temperature-5 °C to + 50°C Storage temperature-5°C to + 50°C

**Size:** About 165mm\* 152 mm\*75mm

## About charging

The machine itself has a built-in rechargeable battery. Please charge it fully before use.



Please use the (DC 5V/2A) adapter to charge this device. When charging, the charging indicator light on the left side of the TYPEC USB port will turn red; after full charge, the charging indicator light will be turned off.

(If the machine is charged completely without electricity, it can be fully charged in about 6 hours.)

## Insert the memory card

- ◆ Please prepare a Class 10 TF card (maximum support 512GB) in advance. Open the TF card slot cover to see the slot.
- ◆ Ensure that the TF card is in the correct direction. Insert the TF card and do not force the insertion of the card.
- ◆ Format the TF card before use to improve battery life, shutter speed and TF card compatibility.
- ◆ Tap the edge of the TF card to pop it out.

**Note:** If the TF card is not inserted or the card is not inserted correctly, the display screen will not show the SD card prompt icon and the number of photos or video time when you turn on the camera. When pressing the shutter button, a prompt such as "Please insert the SD card" will appear

## Basic Operation

### Startup & Shutdown

Long press the power button for 3 seconds to enable the night vision device.  
Long press the power button again for 3 seconds to disable the night vision device.

### Rangefinder function

- ① Manual distance measurement: Short press the button of the rangefinder to open the manual distance measurement mode, and the measured distance will be displayed in the central position of the display screen.
- ② Automatic distance measurement: Long press the button of the rangefinder to open the automatic distance measurement mode, and the measured distance will be displayed in the central position of the display screen.
- ③ Close distance measurement: Long press the button of the rangefinder to close the distance measurement function.

### Flash function

- ① Flash mode: Short press the flash button, the flash immediately enters high frequency flashing state, the warning effect is significant.

② Constant light mode: Long press the flash button, the light is switched to a continuous on state;

③ Long press again to close.

**Key light** Turn on/off the key light after startup

### Display adjustment

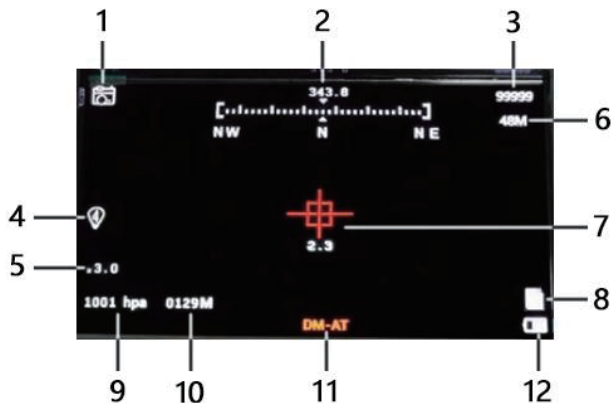
After turning on the device, the screen will display video recording mode. Adjust the lens focus wheel according to the actual viewing distance until the scene appears as clear as possible. If lighting is insufficient or during nighttime use, briefly press the IR up button to activate the infrared light. Select the appropriate IR setting based on ambient light conditions – darker environments require higher settings.

## Adjust the mode

This night vision device has three modes: photo mode, video mode and playback mode. Press the mode button to switch between different modes.

|                                                                                   |               |                        |
|-----------------------------------------------------------------------------------|---------------|------------------------|
|  | Photo mode    | Take still pictures    |
|  | Video mode    | Video recording        |
|  | Playback mode | Play image/video files |

## Camera mode



|  |                                    |    |                           |
|--|------------------------------------|----|---------------------------|
|  | Photo mode                         | 2  | Compass                   |
|  | Number of photos that can be taken | 4  | Infrared brightness level |
|  | Digital zoom factor                | 6  | Photo resolution          |
|  | Distance measurement display       | 8  | TF card prompt            |
|  | Pressure                           | 10 | Altitude                  |
|  | Rangefinder mode                   | 12 | Battery capacity          |

1. By default, the camera is in recording mode. To take a photo, press the mode button to switch to photo mode.

2. **Zoom:** Hold down perhaps . The key zooms in or out of the image. The zoom value is displayed on the LCD screen.

### 3. Take a picture

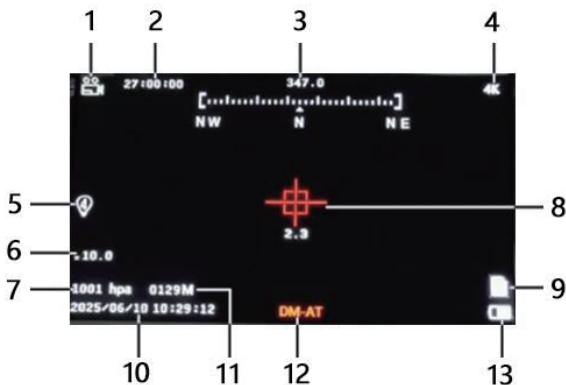
- The lens is aimed at the target and observed through the screen.
- Adjust the focus by turning the focus wheel until the screen is as clear as possible

When using at night or in low-light conditions, press the IR up button to activate infrared. Repeatedly pressing the button increases brightness. It has 7 brightness levels (1> 2> 3>4> 5> 6> 7> ) according to the setting.

Adjust the actual light on the IR lamp. The darker the light, the higher the adjustment

- Press the shutter button to start taking photos

## Video Mode



|    |                           |    |                              |
|----|---------------------------|----|------------------------------|
| 1  | Video mode                | 2  | Recordable duration          |
| 3  | Compass                   | 4  | Video resolution             |
| 5  | Infrared brightness level | 6  | Digital zoom factor          |
| 7  | Pressure                  | 8  | Distance measurement display |
| 9  | TF card prompt            | 10 | Shoot the timestamp          |
| 11 | Altitude                  | 12 | Rangefinder mode             |
| 13 | Battery capacity          |    |                              |

1. Power on: The default mode is recording mode after power on. If not, press the mode key to switch to recording mode.

2. Zoom: Hold down  perhaps  The key zooms in or out of the image. The zoom value is displayed on the LCD screen.

### 3. Start filming

-The lens is aimed at the target and observed through the screen.

When using in the dark or low-light conditions, press the IR up button to activate infrared. Repeatedly pressing the button increases brightness. It features 7 brightness levels (1> 2>3> 4> 5> 6> 7) that can be adjusted according to actual needs. The darker the light, the higher the brightness level should be set.

-Press the shutter button to start recording. The duration of the recording will be displayed on the screen.

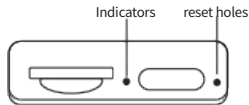
### 4. End filming

-Press the shutter button again to stop recording.

-When the memory capacity is full, continuing to record will overwrite the first file

Pay attention to :

● **Equipment is not turned on:**



1. If the fully charged device does not turn off, or the screen does not move during use and cannot be turned off, insert a small hard strip such as a toothpick wire into the reset button hole. Feel the resistance and press it. After the button action feels good, turn on the device.
  2. Please use a standard USB power adapter\*(DC 5V/2A) for charging this device. After connecting the TYPE-C USB, when the red charging indicator lights up, long-press the power button to start the device. To turn it off, unplug the TYPE-C USB.
- **The images are poor**
1. If you wear glasses, take them off when using the device with a helmet or helmet strap. You can wear your glasses without using the helmet.
  2. If used during the day, make sure the infrared lamp is turned 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.)
  3. If you use it at night or in low light, make sure the IR is turned on, then press up on the IR (if the IR is on, the screen will be black and white) to adjust the appropriate brightness according to the actual situation.
  4. Adjust the focus by slowly turning the focus wheel. Make sure the focus is set.

## IR-LED night vision function

1. About manual focus adjustment: Users can manually adjust the focus wheel according to the actual observation distance to adjust the best focal length until the display is clear.

2. In photo/video mode, to observe darker environments, short-press the IR up button to activate the infrared light, which will convert the image to black and white. The infrared light has 7 brightness levels: press the IR up button to increase it and the IR down button to decrease it. (The system automatically reduces the brightness when battery voltage is low: at full charge, you can reach level 7; with 2% charge, only level 5; with 1% charge, only level 3; below 1% charge, the infrared light remains off.)

## -menu

In photo and video mode, press the menu

## - playback

1. Turn on the machine and press the mode button to switch to playback mode.

2. Use the up/down keys to browse photos and video files.

3. Play video

-Press the shutter button to start playing the video.

-Press the shutter button again to pause playback. In playback mode, press the menu button to display the playback menu. Press the menu button to select the file "Protect" and "Delete". Press the shutter button to confirm and select one menu to enter the option interface. Press the menu button to return to the previous level.

### Menu in playback mode

| MENU    | FUNCTION                                                                                                         |
|---------|------------------------------------------------------------------------------------------------------------------|
| Protect | Lock or unlock individual files or all files.<br>Options: [Lock current/unlock current]/[Lock all]/[Unlock all]. |
| Delete  | Delete a single or all files.<br>Options: [Delete current]/[Delete all].                                         |

## Download the file to your computer

There are two ways to download images from the night vision device's memory card to a computer:

1. Insert the TF card into the flash memory card reader
2. Connect the night vision device to your computer using the attached TYPE-C USB cable and use the card reader
- ① Pop the TF card out of the machine, then insert it into the card reader and connect it to the computer.
- ② Open [My Computer] or Windows Explorer and double-click the removable disk that represents the memory card.
- ③ Copy the file from the memory card to the computer's selected directory.

### Connect the camera to the computer using a USB cable

- ① Turn on the night vision device. Connect the machine to the computer via a TYPE-C USB cable.
- ② Select "Memory" on the screen and press OK to enter removable disk mode.
- ③ Open [My Computer] or Windows Explorer. Double-click the removable disk that represents the memory card.
- ④ Copy the file from the memory card to the directory of your choice on the computer.

## Clean the machine

Before cleaning the machine, turn it off.

Clean the exterior of the device with a dry cloth. Avoid using any cleaning solutions to prevent damage. When cleaning the display screen or lenses, use a soft non-fuzzy cloth (e.g., superfine fiber cloth). To avoid scratching the lenses, simply press gently with a clean cloth.

Keep the machine free from dust and moisture, store in a bag or in packaging

## Linkage Wifi

### There are two ways to enter WiFi

1. Long press the menu button
2. Enter the menu mode and open or close the Wifi option.

This night vision device utilizes the "GOPLUS CAM" APP, which connects your phone to access video and photos while managing settings. Search for the "Goplus Cam" APP on Google Play Store. Long-press the menu key to enable Wi-Fi functionality. The device will display an SSID(12345678) and password(12345678) on the screen. Open your phone's Wi-Fi settings, locate the D99 network, and enter the password to connect. To activate Goplus Cam, tap the top icon to connect. After connection, the icons guide you: the left-top icon accesses files from the microSD card, the right-top icon leads to settings, the left-bottom icon disconnects, the bottom center icon activates camera/recorder mode, and the right bottom icon switches between recording modes.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause interference that may cause undesired operation, or cause harmful interference, and (2) this device must accept any interference received. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirements. The device can be used in portable exposure condition without restriction.

这款夜视仪使用“GOPUS CAM”APP,可以把手机连接到夜视仪上访问视频和照片,并管理一些夜视仪设置。在App Store、Google Play搜索“Goplus Cam”APP,下载并按单键,开启夜视仪的Wi-Fi功能。夜视仪屏幕上会显示SSID:D99和密码12345678,打开手机的Wi-Fi设置,寻找D99网络并输入密码12345678,进行连接。打开“Goplus Cam”,点击右上角图标即可连接到夜视仪;连接夜视仪后,左上角图标是Micro SD卡中的文件,右上角图标可以进入设置界面,左下角图标可以断开连接,底部中间的图标是开启拍照录像,右下角图标是拍照录像模式切换。

## 下载文件到电脑

有两种方法可以将图像从夜视仪的存储卡下载到计算机中:

1. 将 TF 卡插入闪存读卡器中
2. 用附带的 TYPE-C-USB 线将夜视仪与电脑相连

### 使用读卡器

1. 将 TF 卡从机器中弹出, 然后插入读卡器, 连接到电脑。
2. 打开[我的电脑]或 Windows 资源管理器, 双击代表存储卡的可移动磁盘。
3. 将文件从存储卡上拷贝到计算机中你选择的目录下。

### 通过 USB 线将摄像机连接到计算机

1. 开启夜视仪。通过 TYPE-C-USB 线将机器连接到计算机。
2. 在屏幕上选中“存储器”, 按 OK 键确定后, 进入可移动 盘模式。
3. 打开[我的电脑]或 Windows 资源管理器。双击代表存储卡的可移动磁盘。
4. 将文件从存储卡上拷贝到计算机中你选择的目录下。

## 清洁机器

在清洗机器之前, 请关机。

只需用一块干布清洁机器的外部。为了避免损坏机器, 不要使用任何清洁剂。清洁显示屏或镜片时请使用柔软的无绒布(如超细纤维布)。为了避免刮伤镜片, 只需用清洁布轻轻按压即可

保护好机器免受灰尘和潮湿, 用袋子储存或者储存在包装

## 连接wifi

有两种方式进入WIFI

1. 长按菜单键
2. 进入菜单模式wifi选项打开或关闭wifi。

● 图像不佳

- 1.如果您戴眼镜，使用头盔或头盔绑带时请在在使用设备时取下眼镜，不使用头盔可戴上眼镜使用设备。
- 2.若在白天使用时，请确保红外灯已关闭(如果红外灯打开，则屏幕显示为黑白。若红外灯关闭时，屏幕显示为彩色)。如果在晚上或者光线不足的情况下使用，请确保已打开IR，然后向上按IR(如果IR打开，则屏幕为黑白)根据实际情况调整最合适的亮度。
- 3.通过缓慢转动调焦轮来调节聚焦。确保已对焦。

IR-LED 夜视功能

- 1.关于手动调焦：用户可根据实际的观察距离手动调焦调焦轮调试最佳的焦距，直至显示清晰为止。
- 2.在拍照/录像模式下，如需要观察较暗环境时，请短按IR加档按键打开红外灯，此时图像会变成黑白。红外灯共有7个档位，通过按IR加档键加档，按IR减档键减档。(电池电压不够时也会自动减档满电时可以开到7档，2格电时只能开到5档，一格电时只能开到3档，低于一格电不能开红外灯)。

回放

- 1.开机，按模式键切换至回放模式。
- 2.按上/下键浏览照片和视频文件。
- 3.回放视频
- 按快门键开始播放录像视频。
- 再次按快门键暂停播放。

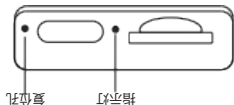
回放模式下，按菜单键显示回放菜单。按菜单键选择文件“保护”和“删除”。按快门键确定选择项菜单进入选项界面。按菜单键返回上一级。

回放模式下菜单

|    |                                                    |
|----|----------------------------------------------------|
| 菜单 | 功能                                                 |
| 保护 | 加锁或解锁单个文件或全部文件。<br>选项:[D加锁当前/[解锁当前]/[全部加锁]/[全部解锁]。 |
| 删除 | 删除单个或全部文件。<br>选项:[删除当前]/[删除全部]。                    |

● 设备不开机:

注意:



- 1.如果充满电设备不开机或在使用中画面不动不能关机,需用如牙签铁丝等小硬的条状物插入复位键孔里感觉到阻力后按一下,有按键动作手感后再开机。
- 2.请使用通用的USB 电源适配器\*(DC 5V/2A)(出货不包含)为本机器充电。TYPE-C-USB 与机器连接后,当机器的充电指示灯亮,长按开机键可开机,拔掉 TYPE-C-USB 关机。

- 当内存容量满时,继续录像会覆盖最前面的文件
- 再次按快门键停止录像。

#### 4.结束拍摄

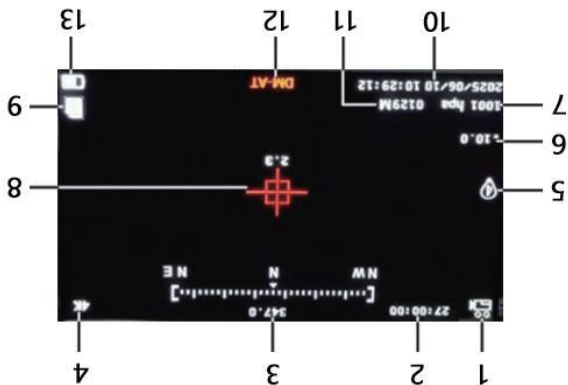
- 按快门键开始录像。录像时长会显示在屏幕上。
- 它有7个亮度等级(1>2>3>4>5>6>7)可根据实际需要调整亮度。光线越暗,档位调节要越高。
- 在夜间或光线不足的情况下使用时,按下IR加档按钮打开红外。反复按下按钮,增加亮度。
- 镜头对准目标物通过屏幕观察,

#### 3.开始录像

- 1.开机:开机后默认为录像模式,如果不是按模式键切换至录像模式。
- 2.缩放:长按 或 键可放大或缩小图像,缩放值会显示在LCD屏幕上。

|    |        |    |        |
|----|--------|----|--------|
| 13 | 电池电量   |    |        |
| 11 | 高度     |    |        |
| 9  | TF卡提示  | 10 | 拍摄时间戳  |
| 7  | 气压     | 8  | 测距距离显示 |
| 5  | 红外亮度档位 | 6  | 数码变焦倍数 |
| 3  | 指南针    | 4  | 录像分辨率  |
| 1  | 录像模式   | 2  | 可录制时长  |

## 录像模式



-按快门键开始拍照

根据实际的光线调整 IR 灯的档位。光线越暗，档位调节要越高

下IR加档按钮打开红外。反复按下按钮，增加亮度。它有7个亮度等级(1>2>3>4>5>6>7>)可通过转动调焦轮调整聚焦，屏幕显示最清晰为准若在夜间或光线不足的情况下使用时，按

-镜头对准目标物，通过屏幕观察

3. 拍照

2. 缩放：长按  或  键可放大或缩小图像。缩放值会显示在 LCD 屏幕上。

1. 开机后默认为录像模式，如要拍照，请按模式键切换至拍照模式。

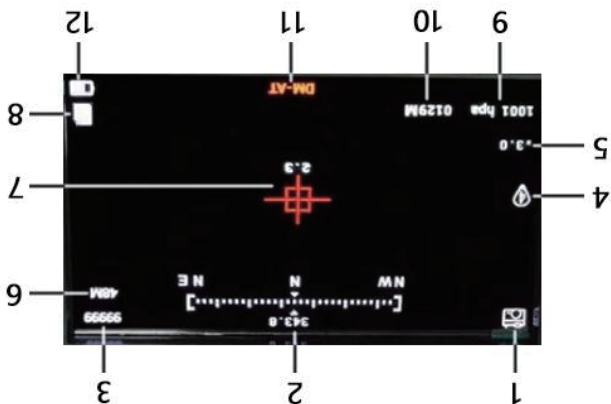
|    |        |    |       |
|----|--------|----|-------|
| 11 | 测距仪模式  | 12 | 电池电量  |
| 9  | 气压     | 10 | 高度    |
| 7  | 测距距离显示 | 8  | TF卡提示 |
| 5  | 数码变焦倍数 | 6  | 拍照分辨率 |

## 调整模式

此款夜视仪有 3 种模式: 拍照模式、录像模式和回放模式。按模式键可切换不同模式。

|                                                                                    |      |           |
|------------------------------------------------------------------------------------|------|-----------|
|  | 拍照模式 | 拍摄静止图片    |
|   | 录像模式 | 录制视频      |
|   | 回放模式 | 回放图片/视频文件 |

## 拍照模式



|   |        |   |        |
|---|--------|---|--------|
| 1 | 拍照模式   | 2 | 指南针    |
| 3 | 可拍照片张数 | 4 | 红外亮度档位 |

## 插入内存卡

- ◆ 请提前准备好一张 Class 10 的 TF 卡(最大支持 512GB)。打开 TF 卡槽盖可看见卡槽。
- ◆ 确保 TF 卡方向正确,插入 TF 卡,禁止强制插卡
- ◆ 使用前先格式化 TF 卡,可提高电池寿命和快门速度以及 TF 卡的兼容性。
- ◆ 轻按 TF 卡边缘,可弹出 TF 卡。

**注意:**若没有插入 TF 卡或者卡没有插对,开机时显示屏不会出现 SD 卡提示图标和可拍照片张数或录像时间,按快门键时会出现“请插入 SD 卡”这样的提示

## 基本操作

**开关机** 长按电源键 3秒可开启夜视仪。再次长按电源键 3秒可关闭夜视仪。

### 测距仪功能

- ① 手动测距:短按测距仪按键,开启手动测距式,测量距离会显示在显示屏中央位置
- ② 自动测距:长按测距仪按键,开启自动测距模式,测量距离会显示在显示屏中央位置
- ③ 关闭测距:长按测距仪按键,关闭测距功能。

### 爆闪灯功能

- ① 爆闪模式:短按爆闪灯按键,爆闪灯立即进入高频闪烁状态,警示效果显著。
- ② 常亮模式:长按爆闪灯按键,灯光切换为持续常亮状态;
- ③ 再次长按即可关闭。

**按键灯** 开机后开启/关闭按键灯

### 显示调节

开机后,显示屏显示录像模式,然后根据观看的景物实际距离调节镜头调焦轮,显示屏看到最清晰为止。若光线不足或者是在晚上使用时,请短按 IR 加档按键打开红外灯,请根据当时的光线选择 IR 档位。光线越暗,档位调节要越高。

## 规格参数

**照片分辨率:** 48M (8000×6000) 36M (7936×4480) 24M (5600×4200) 12M (4032×3024) 5M (2592×1944) 2M (1920×1080)

**视频分辨率:** 4K (3840×2160) FHD (1920×1080)

**显示屏:** 内置4寸高清显示屏640×1136

**红外灯:** 5W, 850nm 强红外聚光灯, 7档红外调节

**镜头:** F1.2大光圈, f=25mm, FOV10度

**自动关机:** 关/1分钟/3分钟

**观察距离:** 200米~800米全黑观察距离, 1米~无限远弱光观察距离

**放大倍数:** 16X

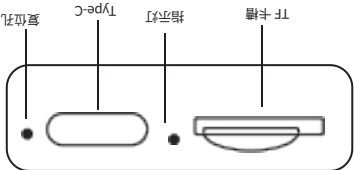
**电池:** 内置1000毫安反复可充锂电池

**环境温度:** 操作温度-5℃to+50℃ 储存温度-5℃to+50℃

**尺寸:** 约165mm\*152 mm\*75mm

## 关于充电

机器本身具有内置的可充电电池使用前请将其充满电。



请使用(DC 5V/2A)适配器为本机器充电。充电时, TYPE-C USB端口左侧的充电指示灯将变为红色充满电后, 充电指示灯关闭。(若机器在完全没电的情况下充电, 大概充6小时能充满。)

## 遥控器

|         |            |          |
|---------|------------|----------|
| 13.爆闪灯键 | 14.目标参考定位器 | 15.镜头调教轮 |
| 16.镜头   | 17.显示屏     | 18.挂扣    |
| 19.三脚架孔 | 20.喇叭      | 21.TF卡槽  |
| 22.指示灯  | 23.USB接口   | 24.复位键   |

**1 指示灯** 按下按键时, 指示灯蓝光亮起

**2 放大/IR+** 短按开启红外, 再次短按增加红外灯1个档位; 长按数码变焦放大, 长按一次放大1个档位

**3 缩小/IR-** 短按降低一个红外档位, 降到0档关闭红外; 长按数码变焦缩小, 长按一次缩小1个档位

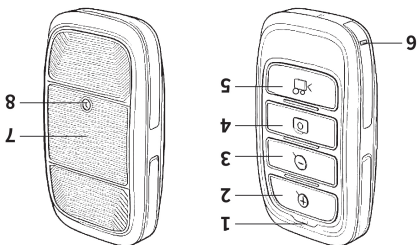
**4 拍照** 短按切换到拍照模式, 拍照模式下再次短按拍照一次

**5 录像** 短按切换到录像模式, 录像模式下再次短按开启录像, 录像中再次短按关闭录像

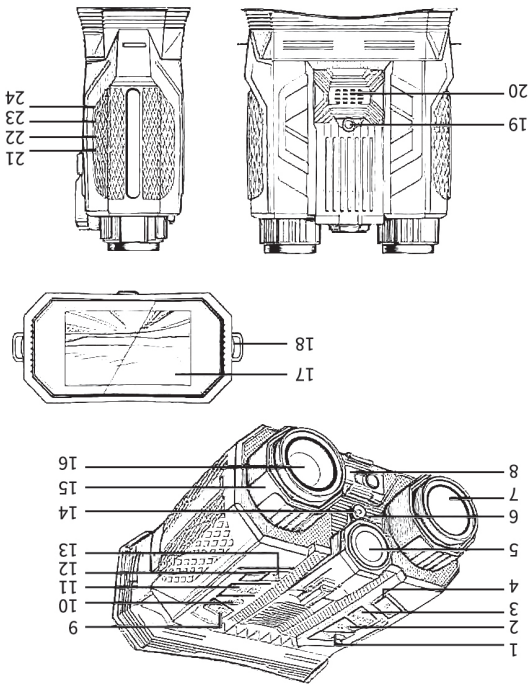
**6 挂绳孔**

**7 电池盖**

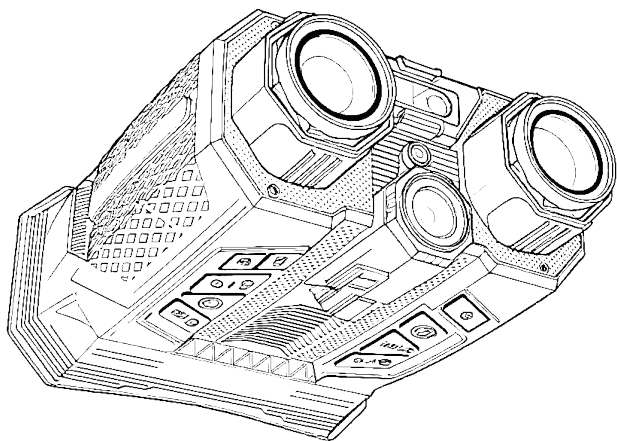
**8 螺丝孔**



|           |       |               |
|-----------|-------|---------------|
| 1.快门键/OK键 | 2.模式键 | 3.菜单键/wifi键   |
| 4.测距仪键    | 5.爆闪灯 | 6.拾音器         |
| 7.红外发射器   | 8.测距仪 | 9.IR加档/放大/向上键 |



功能描述



# D99使用说明书