## **User Manual**



Eyes 1

Changing The Modes

button(9) can change mode.

Taking pictures

The night version has 3 different modes: photo mode

Photo Mode For taking still photos.

Video Mode For recording video.

Playback Mode | For playing the recorded

wheel(1). Make sure it is focused.

IR – LED (Night vision function)

environment, please short press IR UP button to

In photo/video mode, if you have to view the darkness

activate the IR LED, the image will change to black and

white. The IR LED have seven levels, short press IR

UP button to up the level, short press IR DOWN button

Note: If the battery voltage is not enough, the IR LED

video mode and playback mode. Press the Mode

<ol> <li>focus wheel</li> </ol>	2. USB port/Micro
	card slot Cover
3. IR Up/Zoom in/Up	4. IR Down/Zoom
Button	out/Down Button
5. Power Button	6. Strap Hole

€ 00000 10M € €

Photo Mode

21/01/01 00:07:16

2. Zooming:

change the settings.

lmage size

Frequency

. Turn on the device the default is Video mode.

Please press the Mode button(9) to switch to photo

Set the photo resolution

Set the video resolution

HD(1280\*720@30FPS)

match frequency of electricity supply in

local region to prevent interference.

Options:[50Hz]/[60Hz].

Set the screen save

8M(3800\*2160)

5M(3200\*1800)

3M(2560\*1440)

VGA(640\*480)

Resolution | FHD(1920x1080@30FPS)/

Options :10M (4032\*2520)

### Product Overview

0	
000	0 0 0
0	0 0

<ol> <li>focus wheel</li> </ol>	2. USB port/Micro SD
	card slot Cover
3. IR Up/Zoom in/Up	4. IR Down/Zoom
Button	out/Down Button
5. Power Button	6. Strap Hole

0		
0 0 0	0 0	
0 0		

heel	2. USB port/Micro SD
	card slot Cover
oom in/Up	4. IR Down/Zoom
	out/Down Button
utton	6. Strap Hole

battery statur

Specification	
11. Battery Cove	12. View Area
9. Mode Button	10. Shot Button

8. Menu Button

IR LED: 3W,850nm

USB Port: Type C

Weight: approx.576g

Install Batteries

6X1.5V AA will use longer time.

◆ Close the battery cover (11).

Recording Video

Power Source: 4,5V, 3xAA

Operating Temperature: -20°C to +60°C

Storage Temperature: -30℃ to +70℃

♦ Please install batteries into the device before using.

♦ Open the battery cover (11) on the back of device.

battery compartment. Make sure the polarity is correct.

♦ Insert 3 x 1.5V AA brand Alkaline batteries into the

2021/01/01 00:43:36

Turn on the device, the default is Video mode. If not,

press the Mode button(9) to switch to Video mode.

Keep pressing the  $\mathfrak D$  or  $\mathfrak D$  button to zoom in or

.Turn on the device, press the Mode button(9) to

2.Press Up/Down button(3/4) to view photos and video files.

Press the Shot button(10) to start playing the video files.

Press Menu button(8) to stop the current video

- Press the Shot button(10) again to have a pause.

Press Menu button(8) in playback mode, the screen will

display the playback menu. Press Up/Down button(3/4)

to scan lock or delete. And press Shot button(10) to

Delete Delete the current one file or delete all files

ock Lock or unlock the current one file or all files

select one to enter the sub-menu.

in memory card.

in memory card.

Playback menu list :

Menu Function

2. Zooming:

switch to playback mode.

3.Playback the video

Dimension: approx.196\*130\*75mm

7. IR LEDs

- Still Image Size: 10M (4032\*2520) /8M (3800\*2160) /5M(3200\*1800)/ 3M(2560\*1440) /VGA(640x480) Video Size:
- FHD(1920x1080@30FPS)/HD(1280\*720@30FPS) Aperture: F 1.2 f=25mm
- Display Screen: Inner screen 2.4"TFT; Outer screen 98\*48mm,4x optical amplification Digital Zoom: 5X

Storage Media: Micro SD card, up to 128GB

Keep pressing the  $\bigcirc$  or  $\bigcirc$  button(3 / 4) to zoom in

appears on the LCD screen.

- View your subject via the LCD screen.

-Adjust the focus by turning the focus wheel

can be adjusted according to your needs.

- Press the Shot button(10) to take a photo.

For night or insufficient light use, turn on the IR by

pressing the button repeatedly. It has 7 levels of

pressing the IR button(3).Increase the brightness by

brightness(0) 1) 2) 3) 4) 5) 6) 7) 0...)The brightness

9

Date&Time Set the date and time of device.

Options: On /OFF

Language guese;Italian;Simplified

Date Stamp | video files.

Set the time to shut down the device

for power saving if the device is idle.

Add the date stamp on the photo or

Options:English:French:Spanish:Portu

Chinese:Traditional Chinese:Russian:

Set OSD (on-screen) language

Format Format your TF card. Format TF card

Options: ok / cancel

information.

will delete all files including the

protected files. Please copy the

important files before confirm.

settings.Options: OK / Cancel

Restore the setup to factory default

User can see the firmware version

B. Take a still photo.

or zoom out the image. the value of magnification level

Lens Angle: FOV=10°, diameter is 24mm

 Viewing Distance in all dark: 200M-300M Viewing Distance in weak light: 3M~infinity

## ◆ Please prepare a Class 10 Micro card(up to 128GB)

- ♦ Open the card slot cover(2), you will see the card
- ♦ Insert the Micro SD card into the slot. Make sure the direction is right. Never insert the card forcibly. ♦ Format the Micro SD card,this can improve the
- compatibility of Micro SD card. ♦ 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:The device will prompt "NO card"if the TF

zoom out the image. The value of magnification level

## **Basic operation**

card did not installed.

appears on the LCD screen.

- View your subject via the LCD screen.

need adjusted more brightness.

Download files to PC

supplied USB cable.

Using a Card Reader

Finish recording.

to a computer:

computer.

the memory card.

-Adjust the focus by turning the focus wheel

For night or insufficient light use turn on the IR by

pressing the button repeatedly.lt has 7 levels of

pressing the IR button(3).Increase the brightness by

brightness(0 \) 1 \) 2 \) 3 \) 4 \) 5 \) 6 \) 7 \) 0...)The brightness

can be adjusted according to your needs,darker and

- Press the Shot button(10) to start to record.The

record duration will be shown on the LCD screen.

- Press the Shot button(10) again to stop recording.

- The device will stop recording automatically once

There are two ways to download files from the device

By inserting the memory card into a card reader.

By connecting the device to a computer using the

1. Eject the memory card from the device and insert it

into a card reader. Then connect the card reader to a

2. Open [My Computer] or [Windows Explorer] and

double-click the removable disk icon that represents

3. Copy images from the card into a directory of your

Connecting the Device to a PC through the USB

choice on the computer's hard disk.

3. Start to record video.

## Inserting Memory Card

## Turn On And Turn Off

Long press the POWER button(5) for 3 seconds to turn on the device. Long press the POWER button(5) to turn off the device.

Watch the eyepiece/display screen( 12 ) and adjust the focus wheel according to the actual distance to focus until the screen is clear. If the light is insufficient or used in the evening, turn on the IR by pressing the IR button(3).Increase the brightness by pressing the button repeatedly.lt has 7 levels of brightness(0) 1) 2) 3 \ 4 \ 5 \ 6 \ 7 \ 0...)The brightness can be adjusted according to your needs. Long press IR up to zoom.

## Device Power Of

capacity of the memory card is full.

If the device fails to activate, check for defective, missing or improperly-installed batteries. Replace or install batteries correctly. Please make sure to use only Alkaline batteries Poor Image

- ◆ If you wear glasses, please keep them on while using the device. ♦ If at day, make sure the IR is off (if IR is on, screen
- is black and white or the screen is colored) If at night, make sure you have turned on the IR,press IR up(3) (if IR is on,screen is black and

1. Turn on the night vision. Connect it to a computer

2. When connecting to the computer, it will appears

Double-click the "Removable Disk" icon to view its

contents. Files stored on the camera are located in the

Before cleaning the device, disconnect it from the

power supply (remove batteries)! Only use a dry

cloth to clean the exterior of the device. To avoid

damaging the electronics, do not use any cleaning

fluid. Clean the eyepieces and/or lenses only with 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

Remove the batteries from the device if it is not

dust and moisture. Store it in a bag or box.

3. Open [My Computer] or [Windows Explorer].

A"Removable Disk" appears in the drive list.

4. Copy the photos or files to your computer.

through the supplied USB cable.

NOTES on Cleaning

"MSDC" on the screen.

folder named "DCIM".

used for a longer time.

## Adjust the focus by slowing turning the Focus

## (图9)切换至拍照模式。

向上键可变焦。

> 调整模式

拍照模式

录像模式

产品外观

3 8 9

000

1.手动调焦轮

5.电源键

9.模式键

11.电池仓

7.红外发射器

6

0

3.IR 加档/放大/向上键 4.IR 减档/缩小/向下键

8.菜单键

10.快门键

12.目镜/显示屏

2.USB接口/TF卡槽盖

使用说明书

观看目镜/显示屏,根据观看的实际距离调节调焦轮进行

调焦直至屏幕显示清晰为止。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。长按 IR

此款夜视仪有3种模式:拍照模式,录像模式和回放模

□ 回放模式 回放图片/视频文件

拍摄静止图片

录制视频

开机后默认为录像模式,如要拍照,请按模式键

根据你所在地区设置光源频率。

设置机器闲置时的自动关机时间,以便节

省电量。选项:关/1分钟/2分钟/3分钟

在照片或视频文件上添加时间水印。

选项:英语/法语/西班牙语/葡萄牙语/意大

利语/简体中文/繁体中文/俄语/日本语

格式化 全部文件。格式化前,请将重要文件拷贝

到电脑中。选项:确认/取消

格式化存储卡会删除包括锁定文件在内的

选项:[50Hz]/[60Hz]。

七、按模式键(图 9)可切换不同模式

屏幕保护 关/1 分钟/3 分钟/5 分钟

日期时间 设置机器的时间和日期。

选项·开/关

选择屏幕显示语言。

亮度调节 低/中/高

电源频率

长按 🗗 或 🗩 键可放大或缩小图像。缩放值会显示在 LCD 屏幕上。 3. 拍照

- 镜头对准目标物 , 通过屏幕观察。 -通过转动调焦轮(图1)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,按下红外按钮(图

恢复出厂值 恢复所有设置为出厂值。选项:确认/取消

FW 版本 用户可以查看机器当前的固件版本信息。

.. 开机,按模式键(图9)切换至回放模式。

按快门键(图10)开始播放录像视频。

再次按快门键(图10)暂停播放。

单键(图8)返回上一级。

按菜单键(图8)停止播放当前视频。

回放视频

2. 按上/下键(图3/图4)浏览照片和视频文件。

回放模式下,按菜单键(图8)显示回放菜单。按上/下

键(图3/图4)选择"文件锁定"和"文件删除"。按

快门键(图10)确定选择一项菜单进入选项界面。按菜

3)打开红外。反复按下按钮,增加亮度。它有7个亮度 等级(0 > 1 > 2 > 3 > 4 > 5 > 6 > 7 > 0...)可根据实际 9)切换至录像模式。 的光线调整 IR 灯的档位。光线越暗,档位调节要越高。 - 按快门键(图10)拍摄照片。

## 拍照模式 7档红外灯调节 电池电量 —

注意: 1. 开机,开机后默认为录像模式,如果不是按模式键(图

长按 🖰 或 🗩 键可放大或缩小图像。缩放值会显示在 LCD 屏幕上。

3. 开始录像

文件 锁定或解锁单个文件或全部文件。

文件 删除单个或全部文件。

1. 将 TF 卡插入闪存读卡器中

2. 用附带的 USB 线将夜视仪与电脑相连。

下载文件到电脑

存储卡的可移动磁盘。

删除 选项:[删除单张]/[删除所有]。

锁定 选项:[锁定/解锁单张]/[锁定所有]/[解锁所

有两种方法可以将图像从夜视仪的存储卡下载到计算机

1. 将 TF 卡从机器中弹出,然后插入读卡器,连接到电

2. 打开[我的电脑]或 Windows 资源管理器, 双击代表

· 规格参数

/VGA(640x480)

● 光圏: F 1.2 f=25mm

● 镜头: FOV=10°, 口径 24mm

• 存储介质: TF 卡,最大支持 128GB

• 全黑观察距离: 200 米~300 米

● 弱光观察距离: 3 米~无限远

• 视频尺寸:

光学放大

数码变焦: 5 倍

● USB接口: Type C

● 电源:4.5V, 3 xAA

● 静态图片尺寸: 10M (4032\*2520)/8M

(3800\*2160) /5M(3200\*1800)/ 3M(2560\*1440)

FHD(1920x1080@30FPS)/HD(1280\*720@30FPS)

• 显示屏: 内屏 2.4" TFT ; 外屏尺寸 98\*48mm ; 4倍

• 红外灯: 3W, 850nm, 强红外聚光灯, 7档红外调节

- 镜头对准目标物,通过屏幕观察。 -若在夜间或光线不足的情况下使用时,按下红外按钮

(图 3)打开红外。反复按下按钮,增加亮度。它有7个亮 外灯打开,则屏幕显示为黑白若红外灯关闭时屏幕

### 度等级(0 > 1 > 2 > 3 > 4 > 5 > 6 > 7 > 0...)可根据实 际需要调整亮度。光线越暗,档位调节要越高。 如果在晚上或者关系不足的情况下使用,请确保已打开 IR, 然后向上按IR(3)(如果IR打开,则屏幕为黑白) - 按快门键(图10)开始录像。录像时长会显示在屏 根据实际情况调整最合适的亮度。

- 再次按快门键(图10)停止录像。 - 当内存容量满时,机器将自动停止录像。

如果设备无法激活,请检查电池是否有缺陷,丢失或安 装不正确。正确更换或安装电池。请确保并使用6节7 号碱性电池。

4. 结束拍摄

操作温度:-20℃ to +60℃

存储温度:-30℃ to +70℃

● 产品重量: 大约 576g

> 安装电池

◆ 使用前请先安装电池。

插入内存卡

• 产品尺寸: 大约 196\*130\*75mm

◆ 打开夜视仪后面的电池盖(图 11)。

正确。6节电池同时使用寿命更长。

◆ 打开 TF 卡槽盖(图2)可看见卡槽。

◆ 盖上并关紧电池盖(图 11)。

◆ 安装 3 节 1.5V AA 品牌碱性电池。确保电池极性对应

◆ 请提前准备好—张 class 10 的 TF 卡 (最大支持

◆ 确保 TF 卡方向正确,插入 TF 卡,禁止强制插卡。

◆ 如果您戴眼镜,请在使用设备时戴上眼镜。

. 开启夜视仪。通过 USB 线将机器连接到计算机。

通过 USB 线将摄像机连接到计算机

2. 屏幕上会显示 "MSDC"。

◆ 如果在白天使用时,请确保红外灯已关闭(如果红

◆ 通过缓慢转动调焦轮(1)来调节聚焦。确保已对焦。 拍照和录像模式下菜单

### IR - LED 夜视功能:

1. 关于手动调焦: 机器左边镜头上(图 1 ) 标有 "Far" 和"Near"。如果距离观察的目标较远,请将镜头向左 旋转。如果距离观察的目标较近,请将镜头向右旋转。 用户可以根据实际的观察距离反复调试最佳的焦距,直

▶ 使用前先格式化 TF 卡 , 可提高电池寿命和快门速度

注意: 若你没有插入 TF 卡或者卡没有插对, 会出现 "请

以及 TF 卡的兼容性。

插入 TF 卡"这样的提示

◆ 轻按 TF 卡边缘 , 可弹出 TF 卡。

至显示清晰为止。 2. 录像是没有声音的。 因为观察距离远,声音无法远距离传播过来。

3. 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

时减档。(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)。

灯共有7个档位,通过按IR加档键加档,按IR建档键

基本操作

> 开关机

(图5)3秒可关闭夜视仪。

长按电源键(图5)3秒可开启夜视仪。再次长按电源键

## 在拍照和录像模式下,按菜单键(图8)可修改设置。

江川照伯米隊快九十,汉木牛姓(白),引沙以以直。	
菜单	功能
图像分辨率	设置照片分辨率。
	选项::10M (4032*2520)
	8M(3800*2160)
	5M(3200*1800)
	3M(2560*1440)
	VGA(640*480)
	设置视频分辨率。
视频分辨率	选
	西にUD/4000、4000 @ 20 EDC )/UD/4000*7

# | 项:FHD(1920x1080@30FPS)/HD(1280\*7

清洁布轻轻按压即可。 呆护好机器免受灰尘和潮湿,用袋子储存或者储存在包 装盒内。如果机器较长时间不使用,请将电池取出。

生清洗机器之前,请先断开电源(拆下电池)! 只需用一块干布清洁机器的外部。为了避免损坏机器, 不要使用任何清洁液。清洁目镜和/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

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

3. 将文件从存储卡上拷贝到计算机中你选择的目录下

time.Options :off/one minute/three level will down automatically. IR level can up to 7 levels minutes/five minutes when the battery power is full. Brightness | Set brightness of the screen Settings in Photo and Video Mode adjust Options: Low/middle / High Set the light source frequency to

to down the level.

Press Menu button in photo or video mode, can