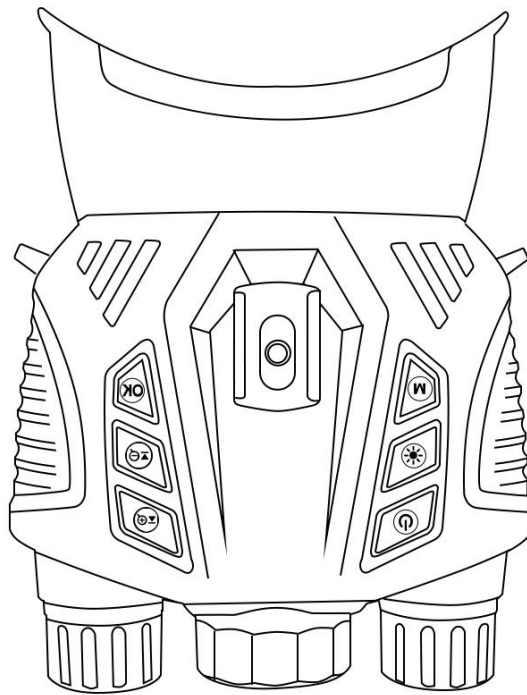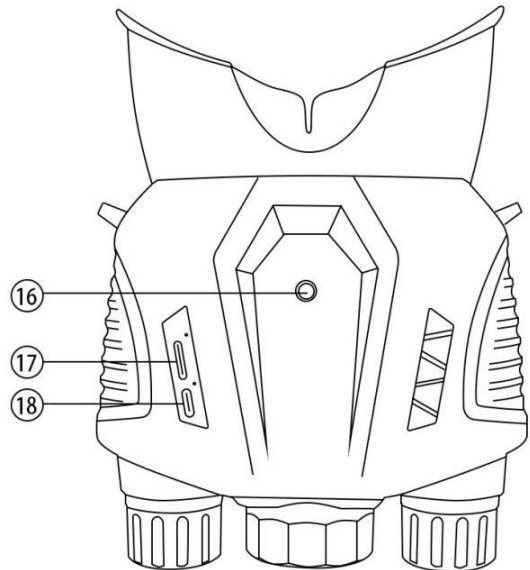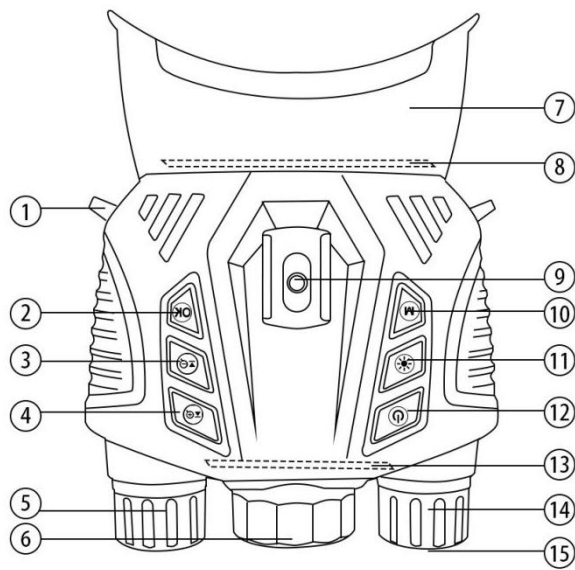# FULL COLOR WIFI
NIGHT VISION BINOCULARS
User Manual

Please read this instruction manual carefully before using the instrument.

Parts overview

1. Lanyard loop
2. OK/Confirm
3. Down/IR-/Zoom-
4. UP/IR+/Zoom+
5. Battery Cover
6. IR light
7. Silicone eyepiece cover
8. 2.3X Glass Eyepiece Convex Lens
9. Head mounted bracket screw hole
10. Mode / Menu
11. IR ON/OFF
12. Power ON/OF
13. 2.4inch Inner IPS screen
14. Focus Ring
15. Objective Lens
16. Tripod Thread
17. Micro SD card slot
18. Type-C/GPS port

HOW TO USE NV BINOCULARS

BATTERY AND SD CARD INSTALLATION

Install Battery

Unscrew the battery compartment cover by hand, insert the battery,and then install the battery compartment cover.

Charging Your Device

After installing the lithium battery, you will need to charge the device. Open the Rubber Cap on the bottom of your device to find the charging port and memory card slot. Insert the USB type-C end of the included charging cable into the charging port, then insert the standard USB end into a USB power port such as one on a PC or a wall adapter.

Install Micro SD Card

• Open the rubber cap covering the Type-C Port and Micro SD Slot, and insert a micro SD card (up to 128 GB, class 10 or greater for best results with video files) into the Micro SD Slot (metal contacts facing down, see card icon right of slot for correct orientation).

• If you will only use Night Vision Binoculars for "live" viewing and do not wish to use it for photos/videos, the unit will function normally without a card.

WARNING: NEVER LOOK AT THE SUN THROUGH THIS NIGHT VISION UNIT (OR ANY OTHER OPTICAL INSTRUMENT). IT MAY PERMANENTLY DAMAGE YOUR EYES AS WELL AS THE UNIT.

Powering On & Off

Powering On
Press and hold the Power button to power on your night vision binoculars.

Powering off
Press and hold the Power button to power off your night vision binoculars.

Setting up your night vision Binocular:
1. Power on your device and look at the screen.
2. Adjust the sharpness by turning the focus wheel in either direction until it becomes clear.
3. Zoom up to 8x by pressing and holding the Up/Zoom+ button(4) until you reach your desired level. If you keep pressing the Down/Zoom- button(3), you will zoom down to the default of 1X.
4. When using the binoculars at night, the lens should automatically adjust to the brightness level.Yon can use this night vision binoculars without IR light and get color image on screen.
   For better night vision performance,you can tap the IR button (11) to turn on IR light to get clear black/white image on screen.When IR light on,you can tap UP(4) or down(3) button to adjust the IR brightness from levels 1 to level 7 to get better image quality and night vision distance.You can tap IR button(11) again to turn off IR light.

Taking video:
1. When you power on your night vision night vision binoculars, it will automatically start on video Mode. You should see the video icon ⚍ in the upper left corner of your LCD screen. If you do not see the camera icon, short press the Mode/Menu button (10) until it appears.
2. Adjust the image sharpness by turning the focus wheel (14).For better night vision performance,you can tap IR button to turn on IR light,and adjust the IR light brightness level by Pressing the UP (4)or Down(3) button .
3. Press the OK/Confirm button (2) to capture the video.Press it again to stop recording video and the video file will be saved on Memory card automatically.

Taking photo:

1. In Standby mode, short tap the Mode/Menu button (10) until you see the camera icon 📷 in the upper left corner of your screen.
2. Adjust the image sharpness by turning the focus wheel (14). For better night vision performance,you can tap IR button to turn on IR light,and adjust the IR light brightness level by Pressing the UP(4) or Down(3) button.
3. Press the OK/Confirm (2) button to capture the picture. And the photo will be saved on Memory card automatically.

Playback mode:

1. In Standby mode, press the Mode/Menu button (10) until you see the playback icon ▶ or 🎞 in the upper left corner of your screen.

2. The last file that had been saved will be displayed on the LCD screen. If it is a photo, the file icon ▷ will appear in the upper left of the screen,if it is a video, the file icon ▯ will appear in the upper left of the screen.Photo or video name and file size will be displayed on the upper right of the screen.

3. Use the Up (4) and Down (3) buttons to navigate through the saved files on your SD card.Tap OK button to review or play the photo or video file that you selected!

4. In playback mode,Press and hold the Mode/Menu button (10) to enter the file delete menu.There are two options:Delete or protect. Use the Up (4) / Down (3) button to navigate the choices and press the OK button (2) to confirm.

In the delete menu, you can choose to delete the current file or delete all files.

In the protect menu, you can choose to lock /unlock the current file or lock /unlock all files.If you choose to protect current or protect all, a protection icon ⊙⌐ will appears to the right of the playback icon of the protected file. Protected files cannot be deleted locally.If you want to delete a protected file, please enter protect menu to unlock the file first, and then enter the delete menu to do the deletion operation.You also can connect binoculars camera with computer to delete the file on the memory card or taking out memory card,read it on computer and delete the file on memory card via computer.

Connect to a computer

1. Connect this night vision binoculars with your computer via USB cable.
2. Power on your night vision binoculars,Your binoculars' display screen will show two options: Mass storage and PC camera.
3. Select Mass storage,your computer will read the night vision binoculars' memory card,you can transfer files from memory card onto your computer or delete the video and photo files on memory card.
4. Select PC camera, this night vision binoculars will work as PC camera.

Accessing Menus

When you power on your night vision binoculars, it will automatically start in video Mode.Pressing and holding the Mode/Menu button (10) will take you to the video recording setup menu. Here you can setup the video resolution, loop recording time,Exposure,record audio On/Off,Date stamp On/Off.

Resolution	2.5K UHD,1080P FHD,720P
Loop Recording	1 minute,3 minutes,5 minutes
Exposure	-2.0 to +2.0
Record Audio	Off,On
Date Stamp	Off,On
GPS	Off,KM/H,MPH

Remarks:GPS is an optional feature. Make sure the night vision binoculars you purchase has GPS capability before using this feature.

When you on video recording setting page,tap Mode/Menu button again to enter night vision binoculars setting page.Here you can setup night vision binoculars date /time,Auto power off time,language,Frequency,LCD brightness,screen savers time,format,Default setting,Version.

WIFI	OFF,ON
TIME ZONE	GMT, GMT+1~GMT+12, GMT-1~GMT-12
Date/Time	YY/MM/DD Hour/Minute/Second （Press Mode/Menu button to quit)
Auto Power Off	Off,1 minute,2 minutes.3 minutes.5 minutes.10 minutes
Language	English, Japanese, French, Spanish, Portuguese, German, Italian, Chinese, Russian
Frequency	50HZ,60HZ
LCD Brightness	1 to 8

Screen Savers	Off,1 minute,3 minutes,5 minutes
Format	Cancel,OK
Default Setting	Cancel,OK
Version	

In Photo standby mode,Pressing and holding the Mode/Menu button (10) will access the photo shooting setup menu.Here you can set capture mode,resolution,photo quality,photo sharpness,white balance,photo color,ISO value, exposure,anti-shaking,date stamp.

When you on photo setting page,tap Mode/Menu button again you can enter night vision binoculars setting page too.

Capture Mode	Single,2S Timer,5S Timer,10S Timer
Resolution	15MP,12MP,10MP,8MP,5MP,3MP,
Quality	Fine,Normal,Economy
Sharpness	Strong.Normal,Soft
White Balance	Auto,Daylight,Cloudy,Tungsten,Fluorescent
Color	Normal,Black&White，Sepia
ISO	Auto,100,200,400,800,1600
Exposure	-2.0 to +2.0
Anti-Shaking	Off,On
Date Stamp	Off,Date,Date/time

WiFi Connection
This Night vision binoculars supports WIFI connection for watching and recording on mobile phones.

1.Download smartphone application.
   Search "Viidure" application on Google play store or APP store, Download and install this application on your smartphone.
   Or Scan below QR code to download and install "Viidure" application on your smartphone.

2. Pressing and holding the Mode/Menu button (10) to access video recording setting menu,tap Mode/Menu button again you can enter night vision binoculars setting page.On night vision binoculars setting menu ,choose "WIFI" function and set it "on". You will see SSID:DT69-xxxxxxxxxxxx and PWD:12345678(password) on the screen.

3. After the WIFI function is turned on,you can see this night vision binoculars WiFi name on your smartphone WiFi list.Connect your smartphone with this WIFI signal. Run the "Viidure" application one your smartphone and press"Add camera" on application,it will automatically search for the corresponding WIFI signal and connect.After successful connection, the software will jump to the real-time screen and start recording.

Remarks: After connecting the night vision binoculars to your smartphone, you can set various parameters of the night vision binoculars through the "Viidure" application software. At this point, click the "OK/confirm" button(2) on the night vision binoculars to stop the WIFI connection and turn off the WiFi function.

Specification

Field of application	Camping and outdoor Leisure Wildlife observation Hunting
Digital Zoom	8X
Focal Length	25mm
Image sensor	CMOS
IR illuminator Power/Wavelength	3W/850nm
Max. Viewing Distance	250-300Meters for Night
Photo resolution	15MP, 12MP,10MP, 8MP, 5MP, 3MP
Photo Format	JPG
Video resolution	2.5K UHD, 1080P FHD, 720P
Video Format	MP4
Display	2.4 inches IPS Screen 640*360
Operating Temperature	-30° up to +55° C
Language	English, Japanese, French, Spanish, Portuguese, German, Italian, Chinese, Russian
Recording during the day	Color
Recording at night	Color or Black/ White
Memory	Micro SD card, max to 128 GB

FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference.

(2) This device must accept any interference received, including interference that may cause undesired operation.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction Specific Absorption Rate (SAR) information: This product meets the government's requirements for exposure to radio waves.

The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health.

FCC RF Exposure Information and Statement The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device type: DT69 (FCC ID: 2BM48-DT69) was also tested against these values. The highest SAR value for accessories worn on the body is 0.45 W/kg, Head Tissue is 0.25 W/Kg. The device tested typical body wear operations with the back of the product 0cm from the body. To meet FCC RF exposure requirements, use accessories that maintain a separation distance of 0cm between the user's body and the back of the product. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided. The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.