

Dsoon











User Manual

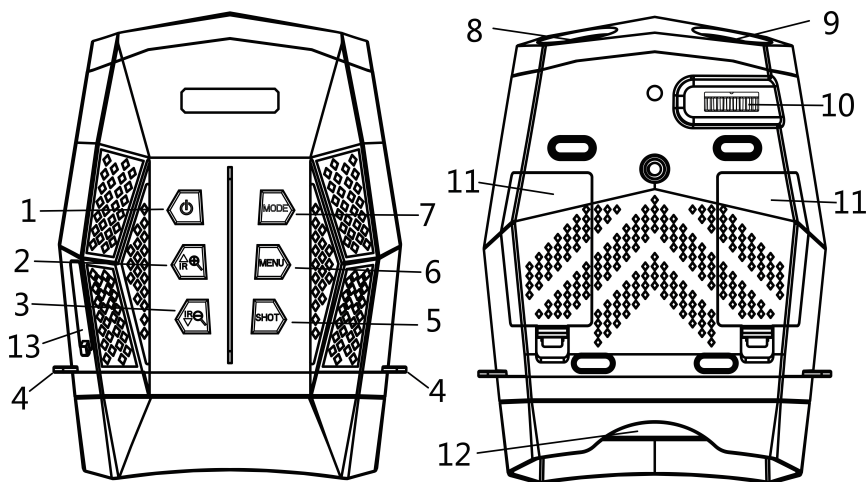


Dsoon 1080P Night Vision
Binoculars & Goggles Pro
Model: NV5000



US Customer Service: support@dssoon-tech.com
Web: www.dsoonhunt.com

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1.Power Button	2.IR Up/Zoom in/Up Button
3.IR Down/Zoom out/ Down Button	4.Strap Hole
5.Shot Button	6.Menu Button
7.Mode Button	8.IR LEDs
9.Lens	10.Focus wheel
11.Battery Cover	12.View Area /display screen
13.USB port/Micro SD card slot Cover	

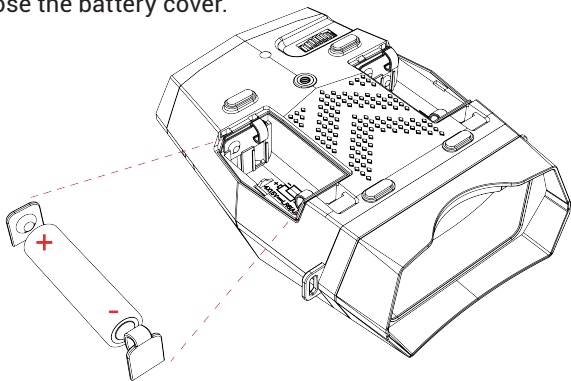


Photo Resolution	【3M(2048x1536)】 / 【2M(1600x1200)】 / 【1M(1280x960)】 / 【VGA(640x480)】
Video Resolution	【1080P(1920x1080P@30FPS)】 / 【960P (1280 x 960 @30FPS)】 / 【VGA(640x480@30FPS)】
Lens	F1.0 larger aperture, f=35mm, Auto IR filter
Lens Angle	10.3°
Display Screen	Inner screen is 2.5" 640*480 TFT
Outer screen	98x48mm,with 6X large window magnifier
USB Port	Micro USB 2.0
Auto off	3 min/ 5 min/ 10 min/OFF
IR LED	5W,850nm strong infrared spotlight , 7 grades infrared adjustment
Display brightness	7 grades adjustable
View Distance In Complete Darkness	About350-400 meters
View Distance In Low Light	1 meters~infinity
Display brightness	Digital Zoom 4X
Power Source	8*AA Alkaline battery, External 5V mobile power supply/Rechargeable battery
OSD Language	Multiple languages are optional
Date Stamps	Support to set date and time. Date and time stamp on photo and video files
Operation Buttons	6 buttons
Operation Temperature	-10℃ to +50℃
Storage Temperature	-20℃ to +60℃
Dimensions	approx. 196.3*144.6*61.5mm
Weight	about 795g with battery



Install Batteries

- ★ Please install batteries into the device before using.
- ★ Open the battery cover on the back of device.
- ★ Insert 8 x 1.5V AA brand new Alkaline/Rechargeable batteries into the battery compartment. Make sure the polarity is correct.
- ★ Close the battery cover.



Inserting Memory Card

- ★ Please prepare a Class 10 Micro card (up to 32GB) in advance.
- ★ Open the card slot cover, you will see the card slot.
- ★ 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.

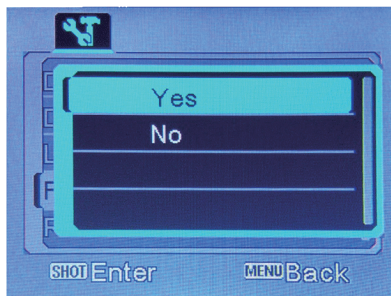
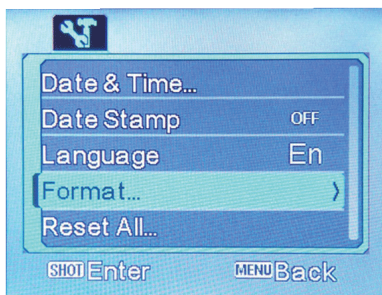
Note: If the TF card is not inserted or the card is not inserted correctly, the prompt icon of SD card and the number of photos or recording time will not appear on the screen when the machine is turned on. When pressing the shoot button, the prompt of "No card" will appear.



Formatting Memory Card

If you want to clear the data on the memory card, you can solve it by formatting. In the photo/video mode, press MENU button to enter the menu. Using the "IR +" or "IR -" button to select up and down, press the SHOT button to confirm. Please formatting the SD card before using it for the first time.

Note: All data will be lost after formatting, please pay attention to backup!





Turn On And Turn Off




Long press the POWER button for 3 seconds to turn on the device.

Long press the POWER button to turn off the device.

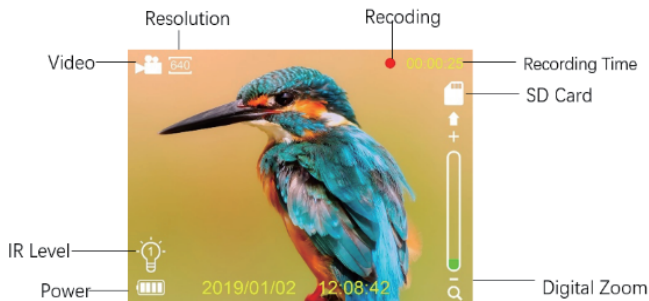
Watch the eyepiece/display screen and adjust the focus wheel according to the actual distance to focus until the screen is clear. If the light is insufficient or used in the evening, turn on the IR by pressing the IR Up/Zoom in/Up Button. Increase the brightness by pressing the button repeatedly. It 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.

Changing The Modes

The night version has 3 different modes : photo mode, video mode and playback mode. Press the Mode button can change mode.

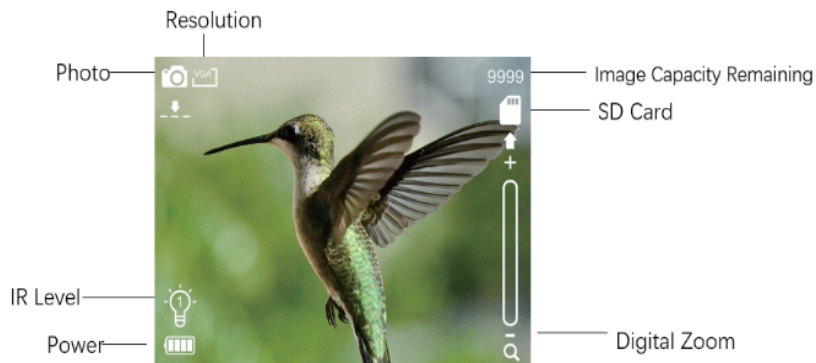
	Photo Mode	For taking still photos.
	Video Mode	For recording video.
	Playback Mode	For playing the recorded files.

a. When the device is turned on, by default it will be in Video mode.

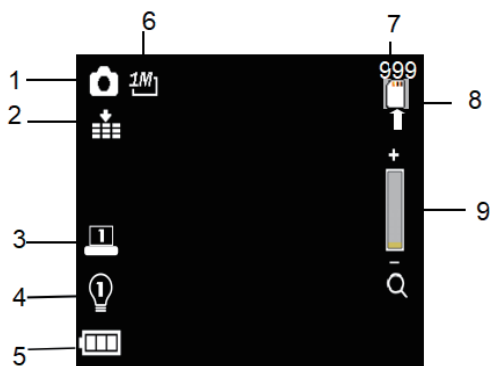




b. Please press the "Mode" button (9) to switch to Photo mode.



Taking pictures



1.Camera mode
2.Default high quality images
3.Screen brightness gear
4.Infrared light gear
5.Battery status
6.Photo Resolution
7.Number of pictures that can be taken
8.SD card prompt
9.Digital zoom indication



1. Turn on the device, the default is Video mode.
Please press the Mode button to switch to photo mode.

2. Zooming:

Keep pressing the "IR +" or "IR-" button (3 / 4) to zoom in or zoom out the image. the value of the magnification level appears on the LCD screen, the maximum support 4x.



Zoom Off



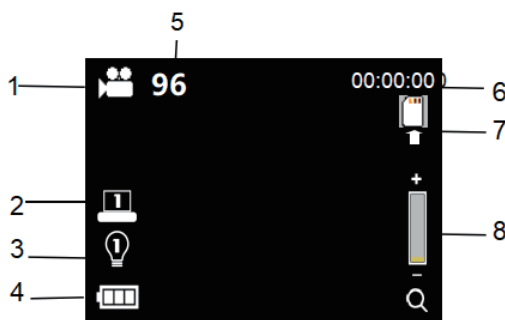
Zoom On

3. 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 (0 > 1 > 2 > 3 > 4 > 5 > 6 > 7 > 0...) The brightness can be adjusted according to your needs.
- Press the Shot button to take a photo.



Recording Video



- | |
|--|
| 1.Video mode |
| 2.Screen brightness gear |
| 3.Infrared light gear |
| 4.Battery status |
| 5.Video Resolution |
| 6.Number of pictures that can be taken |
| 7.SD card prompt |
| 8.Digital zoom indication |

1.Turn on the device,the default is Video mode. If not, press the Mode button to switch to Video mode.

2.Zooming: Keep pressing the "IR +" or "IR-" button (3 / 4) to zoom in or zoom out the image. the value of the magnification level appears on the LCD screen, the maximum support 4x.



Zoom Off



Zoom On



3.Start to record video.

- 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 button.Increase the brightness by pressing the button repeatedly. It has 7 levels of brightness(0> 1> 2> 3> 4> 5> 6> 7> 0...)The brightness can be adjusted according to your needs,darker and need adjusted more brightness.

- Press the Shot button to start to record.The record duration will be shown on the LCD screen.

4.Finish recording.

- Press the Shot button again to stop recording.
- The device will stop recording automatically once capacity of the memory card is full.

Device Power Off

If the device fails to activate, check for defective, missing or improperly-installed batteries. Replace or install batteries correctly. Please make sure to use good quality alkaline batteries or rechargeable batteries, inferior batteries will damage the product.



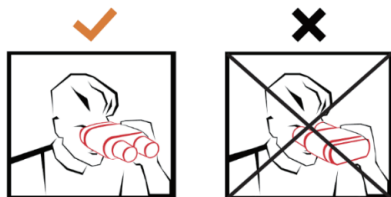
Poor Image

- a. 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 will turn from colored to black and white).
- b. If at night, make sure you have turned on the IR, press IR up(3) (if IR is on, screen is black and white).
- c. Please adjust the focus by turning the focus wheel - Rotate the focusing wheel in the corresponding direction according to the far/near viewing distance. You need to rotate the focusing wheel to the left for close viewing, and to the right for long-distance viewing. The focus is in place until the screen display is clear.
- d. If you use rechargeable batteries, we strongly recommend that you use Well-known brand rechargeable batteries to ensure stable product performance.
- e. Please do not use it through windows.

Whether or not the infrared light (IR) is turned ON, the device cannot observe objects through window glass.



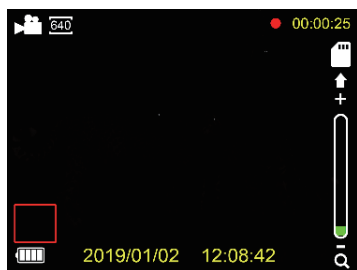
- f. Please use the device in the correct direction as shown in the figure.



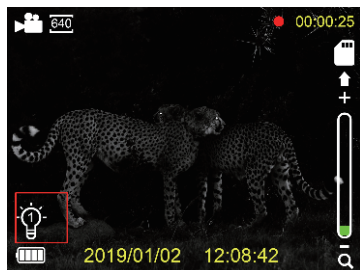


IR-LED (Night vision function)

In photo/video mode, if you have to view the darkness environment, please short press IR UP button to activate the IR LEDs, the image will change to black and white. The IR LEDs have seven levels, short press IR UP button to up the level, short press IR DOWN button to down the level. (If the battery voltage is not enough, the IR LEDs level will down automatically. IR level can up to 7 level 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 LEDs can not be activated.)



IR Off



IR On

Note: If the battery voltage is not enough, the IR LED level will get lower automatically.

Battery Power	IR Levels Available
100%	7
50%	5
25%	3
<25%	0



Menu Setting

Press Menu button in photo or video mode, can change the settings.

Menu	Function
Photo Resolution	Set the photo resolution. Options:[3M(2048x1536)]/[2M(1600 x 1200)]/[1M 1280x960]/[VGA 640x480]
Video Resolution	Set the video resolution. Options:[FHD 1920X1080]/[960 1280x960]/[640 640x480].
Night vision sensitivity	Choose the night vision sensitivity. Options:[Low]/[Middle]/[High].
Burst Shooting	Options:[Off]/[On]
Screen Brightness	You can according to their need to adjust the brightness of the Lcd screen. Options:[Level 7]/[Level 6]/[Level 5]/[Level 4]/[Level 3]/[Level 2]/[Level 1].
Power Frequency	Set the light source frequency to match frequency of electricity supply in local region to prevent interference. Options:[50Hz]/[60Hz].
Power Saving	Set the time to shut down the device for power saving if the device is idle. Options:[3min]/[5min]/[10min]/[OFF].



Date&Time	Set the date and time of device.
Date Stamp	Add the date stamp on the photo or video files. Options:[Off]/[Date]/[Date&Time].
Language	Set OSD (on-screen) language. Options: [English]/[Simplified Chinese]/ [Traditional Chinese] / [Francais]/ [nederlands]/ [Espanol]/ [Italiano]/ [Portugues]/ [Deutsch]/ [Pyccknn]/ [Japanese]/ [Korean].
Format	Format your TF card. Format TF card will delete all files including the protected files. Please copy the important files before confirm. Options:[Yes]/[No].
Reset All	Restore the setup to factory default settings. Options:[Yes]/[No].
FW Version	User can see the firmware version information.

Playback

Watching Stored Videos and Photos in the photo mode: press MODE button to select the Playback mode. In playback mode, press the up or down button to turn pages forward and backward, the playback order is the shooting order.

Playback menu list :

Menu	Function
Lock	Lock or unlock the current one file or all files in memory card.Options:[Lock/Unlock one]/[Lock All]/ [Unlock All].
Delete	Delete the current one file or delete all files in memory card.Options:[One]/[All].



Download files to PC

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

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

Using a Card Reader

1. Eject the memory card from the device and insert it into a card reader. Then connect the card reader to a computer.
2. Open [My Computer] or [Windows Explorer] and double-click the removable disk icon that represents the memory card.
3. Copy images from the card into a directory of your choice on the computer's hard disk.

Connecting the Device to a PC through the USB Cable

1. Turn on the night vision. Connect it to a computer through the supplied USB cable.
2. When connecting to the computer, it will appear "MSDC" on the screen.
3. Open [My Computer] or [Windows Explorer]. A "Removable Disk" appears in the drive list. Double-click the "Removable Disk" icon to view its contents. Files stored on the camera are located in the folder named "DCIM".
4. Copy the photos or files to your computer.



NOTES on Cleaning

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 dust and moisture. Store it in a bag or box. Remove the batteries from the device if it is not used for a longer time

New and Special Color Effects:

Luminous Green Color Effect & Film Color Effect.

These 2 color effects are available in both normal mode and infrared night vision mode.

Steps:

Long press "Menu" -> Luminous Green Color Effect,
Long press "Menu" -> Film Color Effect,
Long press "Menu" -> Get back to normal color mode.



Colorful Effect



Black and White Effect



Luminous Green
Color Effect



Film Color Effect



WARRANTY

This product comes with a **12-MONTH WARRANTY**.

Please don't hesitate to contact us with any questions and problems.

You can contact us via:

Email: support@dsoon-tech.com

If you are not happy with the Dsoon in any way, please contact us and we will take care of it as soon as possible. We are always happy to help!

This warranty does not cover devices that have been:

Neglected or abused (including, but not limited to, water damage caused by submersion, battery leakage or improper storage).

Modifications or repairs by unauthorized agents.

Damaged devices that have cracked or broken outer cases due to excessive impact, heat, or mishandling.

Damages caused by wild animals.

**Before starting warranty service, please contact us by email:
support@dsoon-tech.com.**

THE COMPLETE HUNTER KIT

Night Vision Binoculars NV3182



Night Vision Binoculars NV5000

Night Vision Scopes NV3000



Hunting Rifle Scope



Time Lapse Camera TL2100

Solar Panels



Hunting Camera H8WIFI

Hunting Camera H8203



Hunting Camera H8201

Hunting Camera H855C



Hunting Camera H511C



Discon

MANUFACTURER:
OMG ELECTRONIC LTD.

ADDRESS: LEFUSHAN INDUSTRY ZONE, YOUGANPU VILLAGE, FENGANG DONGGUAN GUANGDONG

EC	REP
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