

Nebula NE ONE

User Guide

Please consult the instruction manual before use
V1.0

Beijing Nebula Science and Technology Co., Ltd.
Address: Room 102,Block C,I M WAY (Zhizao Street),
Haidian District ,Beijing, China
After sales call: 010-56055599

Operation Attention

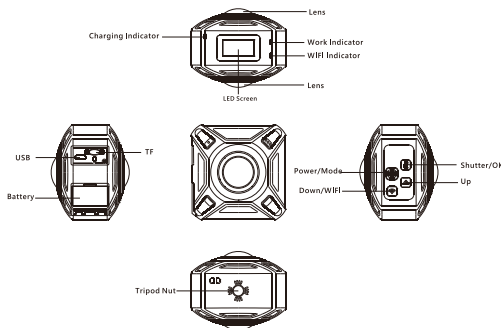
1. This is a high precision product, please do not let it fall or strike.
2. Please do not let the camera close to the objects with strong-magnetic, such as magnet and power-driven machine. In addition, please also avoid closing to the objects which can Launch strong radio wave, because the strong magnetic field may cause product breakdown or destroy the image and sound.
3. Please do not put the camera in the place with high temperature or direct sunshine.
4. Please choose the Micro SD card with brands, because ordinary card can not be guaranteed for using regularly.
5. Please do not let the Micro SD card put in or close to the places with the strong-magnetic in order to avoid losing the date of the Micro SD card.
6. During the process of charging up the battery, if the product gives out heat and smoke or gives off peculiar smell, please immediately unplug the power to avoid the fire.
7. When charging up the battery, please put the product in the places where

children can not touch, because the power cable may cause the children stifle or suffer from electric shock.

8. Please let the product put in the shady, dry and insulated places.

9. Please make sure the lens is clean before use to avoid dirty.

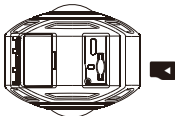
II . Camera Show



III . Guide of Operating

Plug the Micro SD card:

First plug a micro SD or micro SDHC card: such as

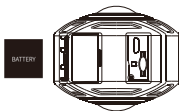


Attention:

Please turn off the camera before plug the card or take out of the card.

Support micro SD card above class 6. Please use the high speed TF above class 10 at professional video mode.

IV . Install and Remove the Battery



Moving the battery cover down and then open it.

Install the battery into the camera properly according to the sign of the positive and negative in the battery and the direction of the arrow

Battery Charging

Supporting PC USB, Standard Plug and Car Charger of Car

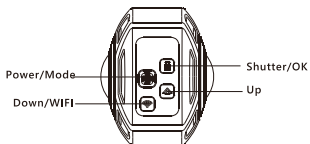
Startup and Shutdown

Startup: Long press the power/mode button about 3 seconds, the video model will be opened

Shutdown: Long press the power/mode button about 3 seconds. The video mode will be closed.

Power Saving Mode

Keyless operation, the camera will shutdown automatically after 15 seconds (it can adjust the time of screen off in the setting menu). Under the state of nonuse, the camera will shutdown after 5 seconds

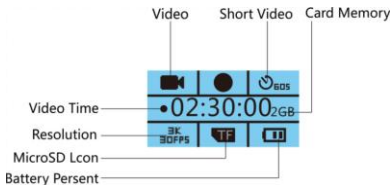


V. Mode Switch

When camera on , press the power button repetitive, camera will show video/photo/Slow photography /menu cycle mode. Like this:



VI.Video interface



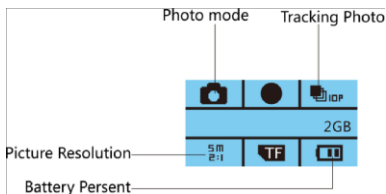
Click "OK" to start recording, you can see the recording time and video mode

on the LCD screen.

Click the “OK” again to stop recording and save the file.

You can enter the video setting by Clicking “Down” button.

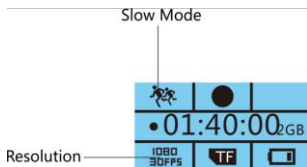
VII. Photo Interface



Taking photos by clicking “OK” button..

You can enter the photo setting by Clicking “Down” button.

VIII. Slow Photography



The camera enters slow photography, press the "OK" key to start recording , the resolution is 1080*30fps, the upper left corner of the screen will show



When playback, the slow photography is slow motion.

Shortly Press "Down" key to enter into Slow photography settings.

IX.Setting

Press OK key to enter Setting to select record video, take photos, language and so on :



X.Connect PC cameras



Select" U disk mode" to manage TF card data

Select" charging" to panoramic DV charging

2. WIFI Light (Blue)

When turn on the WIFI, there is a blue light.

When the WIFI is connected, the blue light will be flashing.

When turn off the WIFI, the blue light will off;

3. Charging Light (Red)

When the device is turned on, led is red during charging, led is off when battery is full

When the device is turned off, led is red during charging, led is off when

Screen is off.

Button Instruction

Power Button

Keep pressing 3 seconds on the Power button to turn on

thecamera,3-seconds pressing to turn off the camera;

When the camera is on, press Power button to enter into the page of

"Recording, Photography, Slow motion, Setting"

In function setting page, press Power button to quit from the page

OK button

In Recording, Photography, Slow motion, Setting page, press OK button to choose function for setting.

WIFI /UP Button

In Setting page, press UP button to go up in this page;

In Recording, Photography, Slow motion, Setting page, press UP button to turn on or off the WIFI;

Down Button

In Recording, Photography, Slow motion page, press Down button to enter into the Setting page;

In Setting page, press Down button to go down ;

WIFI APP Connection

Please download the WIFI APP in the IOS & Andriod store before connection
WIFI

Note:

Android intelligent machine please Ring Nebula shadow official website to download and install, please Apple Store IOS intelligent machine search "Ring Nebula shadow" download and install, apple computer to Apple Store search "Ring Nebula shadow" download and install and use.

How to Connect WIFI APP

1.Turn on the camera, press" WIFI/UP" button until there is WIFI sign on the screen, the WIFI indicating light will also flash at the same time.

2.Turn on the WIFI function on the smart phone, choose the WIFI SSID "Nebula" and connect with pass word "12345678" .

3.Open the "Nebula" APP, you can synchronize the video while recording on the camera; Also, Recording, Make photography, Display, Download, Delete, Share to other site the video or photo;

4.Into the camera interface  , click on the video / photo / video / photo photography slow button, automatically saved to the media library, can be

carried out in different mode  file playback operation; multimedia files offline download , can be viewed in a disconnected state, you can delete , upload , via WLAN and Bluetooth, fast file sharing . Upload  complete, send panoramic video and photos to friends and WeChat or QQ friends (upload, share files limited to 40M or less than 20 seconds before uploading).

5. Software download: use mobile phones to scan the following two-dimensional code:

Android



IOS



Note: the IOS version can be downloaded and installed in the Apple software

market, searching for "nebula ring shadow".

Android version can be downloaded in the HUAWEI market or 360 software and Tencent application treasure.

XI. Product Specification

Platform	ARM@Cortex-A7 1.2GHZ/DSP/H2.64 Video Encoder
Sensor	OV4689
Video Resolution	3040*1520 30fps 1520*760 30fps
Photo Resolution	3040*1520
Lens	220°FOV
Exposure	-3 , -2 , -1 , 0 , 1 , 2 , 3
White Balance	Automatic, sunny, cloudy, incandescent, fluorescent
Camera Mode	Ordinary photography, regular photography, automatic photography, trajectory photography
Video Mode	Normal video、Loop Video、Space lapse
APP Show Mode	Horizontal panorama , Split screen , asteroid , ordinary ,cylindrical panoramic view ,Camera switch , VR
Slow Motion	1080*30fps
Display	0.96"Matrix Screen LCD
Remote	Support 2.4G Remote (Optional)

Image Format	JPEG
Video Format	MP4
Light Source Frequency	H.264
Connections	Micro USB2.0, HDMI
Extended memory	MAX to 64G
Charging voltage current	5V/1A
Work indicator light	Blue work light, yellow WIFI light, red rechargeable light
Microphones	Build in
Speaker	1w Built-in 8 ohms 1w
Battery capacity	1350MAH (removable battery)
Record time	3040*1520 30fps / About 120 minutes
Fixed Interface	International standard 1/4 inch standard threaded connection
Charging time	About 2-3 hours
WIFI	802.11b/g/n, 2.4G
Language	English, Simplified Chinese
Operating system	Windows XP/7/8.1/10/Vista and Mac 10.5 or above
Dimensions	64.9×64.9×54 (mm)
Weight	135g
Operating temperature	-10℃ ~ +55℃
storage	-20℃ ~ +70℃

temperature	
Relative humidity	5% ~ 95% (No frost)
Accessories	Packing box, manual, battery, USB data line
Application	Outdoor Sports, Cycling, Diving, aerial, real estate, performances, VR mirror, etc.

Twelve. Brief description of the problem and solution:

1. When the product operation is improper, cause the crash phenomenon: the removable battery is reinstalled, the machine can be restored to normal.

2. The machine maximum support 64G Micro SD card, please choose the brand Micro SD card, and formatted in the machine end, OK test after the purchase, if the format in the computer and then use can not guarantee the normal use and work.

3. What is the Compressed Vide

By setting some time intervals, on the same scene or object to a shooting frequency automatic long time continuous shooting, the formation of a continuous picture frame by tens of thousands of photos together, and automatically processing into an animated video which will show some need long time to complete the process concentrated image for a few minutes. Avoid the inconvenience of photography for a long time.

Notes: The above functions may be subject to change. Subject to the actual products, without further notice, the final explanation shall be owned by the NEBULA.

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

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

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

RF Exposure Warning Statements:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment shall be installed and operated with minimum distance 20cm between the radiator & body.