

Panorama Camera/NOD-1

RoHS  CE  FCC 



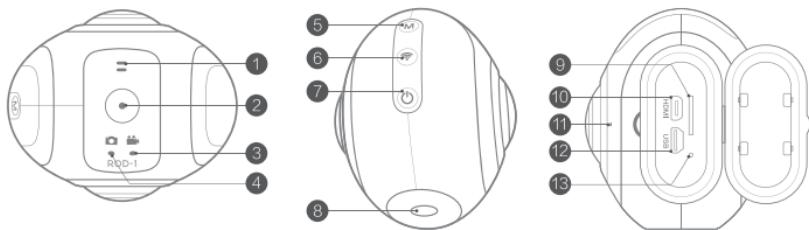
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|----------------------------|-----------------|------------------|
| ① Buzzer | ⑥ Wi-Fi Button | ⑩ HDMI Interface |
| ② Shutter Button | ⑦ Power Button | ⑪ Microphone |
| ③ Video Shooting Indicator | ⑧ Tripod Socket | ⑫ USB Port |
| ④ Photo Shooting Indicator | ⑨ TF Card Slot | ⑬ Restart Hole |
| ⑤ Mode Switch Button | | |

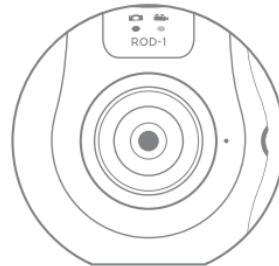
Device Description / Specifications

1.2

FOV	360 °× 360 °
Focal Length/Aperture	f=1.05mm F2.0
Lens Number	2
Sensor Type	CMOS
Photo Size	3040*1520
Video Size	3040*1520(30fps)
Memory	External TF Card
Battery	1100mAh
Weight	160g
Dimensions	72 × 68 × 58(mm)
Wi-Fi	iOS/Android

Device Description / Accessories Included

1.3



Manual X 1



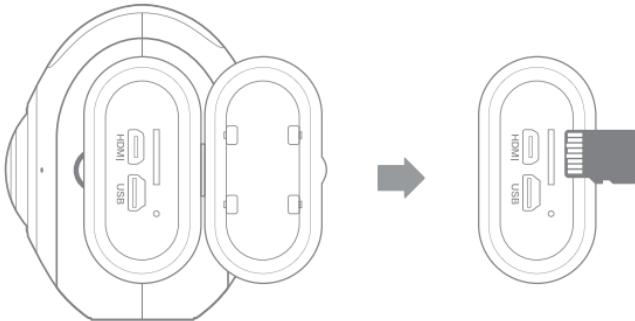
Micro USB Cable X 1

Getting Started / Installing the TF Card

2.1

Insert TF card into card slot horizontally

- Please follow the instruction on camera body to insert the card, otherwise the camera may not work correctly
- In case of occurring errors, it is recommended to format the memory card before use



⚠️ Notice: Requirements for memory card Class 10 or above UHS-1

FAT32 format

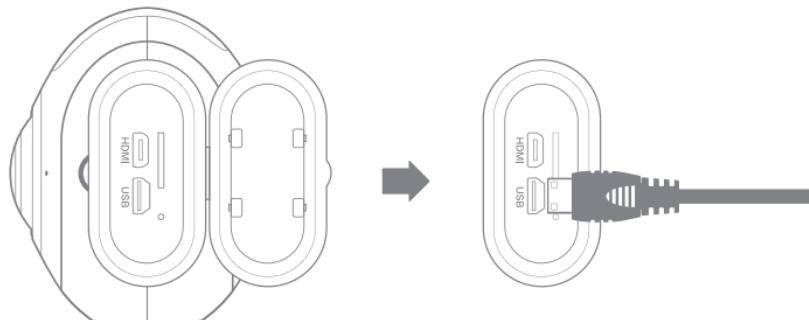
Maximum support 64GB TF card. Memory card with capacity larger than 64GB may not function normally

Getting Started / Charging the Battery

2.2

Use the Micro USB cable to connect the battery charger and the AC adapter(output 5V,>2A)

- The power indicator [] is always red while the device is charging
- The power indicator [] is always green when finishing charging
- The power indicator [] is blinking red when error has occurred

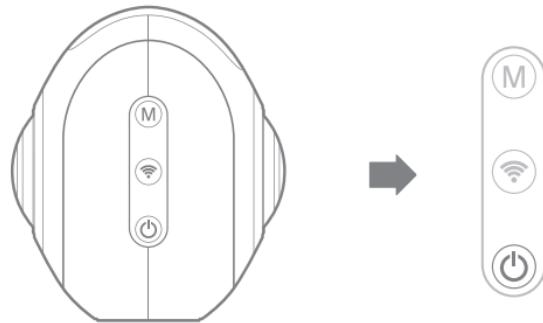


Getting Started / Power on/off

2.3

When the power is off, press and hold the power button [] to turn on the product

- When the battery power is sufficient, the power indicator [] is green
- When the battery power is low, the power indicator [] is blinking red



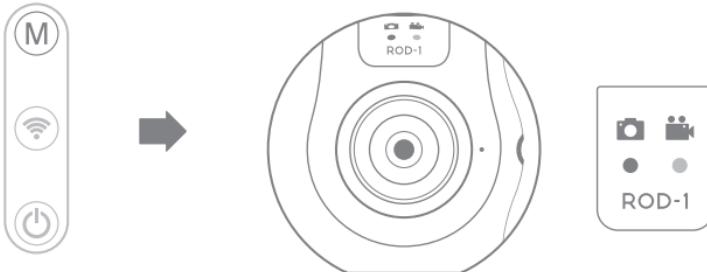
When the power is on, press and hold the power button [] to turn off the product

Getting Started / Shooting Photos Independently

2.4

Press mode switch button and select photo shooting mode when camera power is on

- The camera is in photo shooting mode when photo shooting indicator [] is on



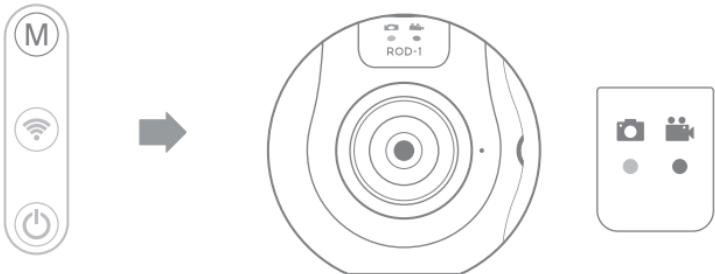
Press shutter button to shoot photos

Shooting indicator [] blinks once to indicate successful photo shooting

Getting Started / Shooting Videos Independently 2.5

Press mode switch button and select video shooting mode when camera power is on

- The camera is in video shooting mode when video shooting indicator [] is on

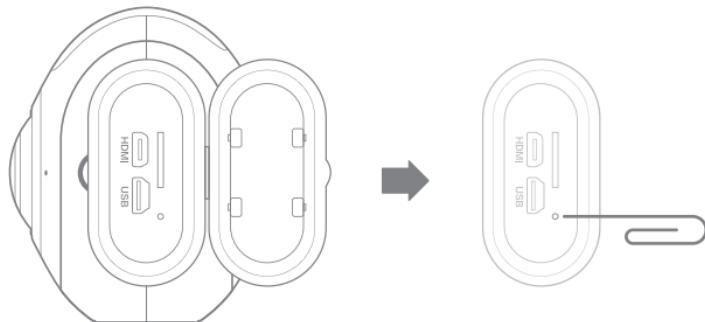


Press shutter button to shoot videos

- Video indicator [] blinks to indicate video shooting is in progress
- Press shutter button again to end video shooting

Getting Started / Restarting the Camera 2.6

Insert a long needle into the reset button to restart the camera if there is no response from camera



⚠️ Notice: Be caution to use restart function!

App Instructions / Downloading App

3.1

Please go to mobile application store/AppStore to search and download Wunder 360

App Instructions

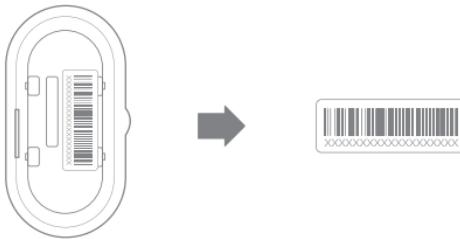
/ Connecting Camera to Mobile Phone

3.2

Turn on or off the camera's Wi-Fi by pressing the Wi-Fi button [] when camera power is on.

Enable Wi-Fi mode of smart phone to connect the camera's Wi-Fi

- The default name of Wi-Fi is “ Pano-SN serial number ” and default password is 123456
- Press & hold Wi-Fi button to reset Wi-Fi name and password when camera power is on

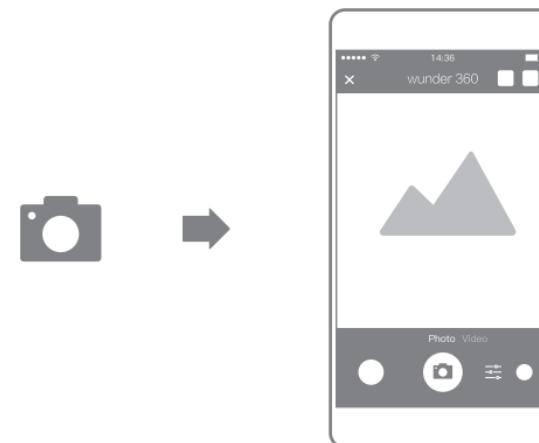


Open Mobile App, and then it works



App Instructions / Shooting Photos via Mobile App 3.3

Click capture button on the App to enter the shooting page



Switch to the photo shooting mode

also supports timer shooting and continuous shooting. Please set relevant parameter on shooting setting page

App Instructions / Shooting Videos via Mobile App 3.4

Switch to the video shooting mode

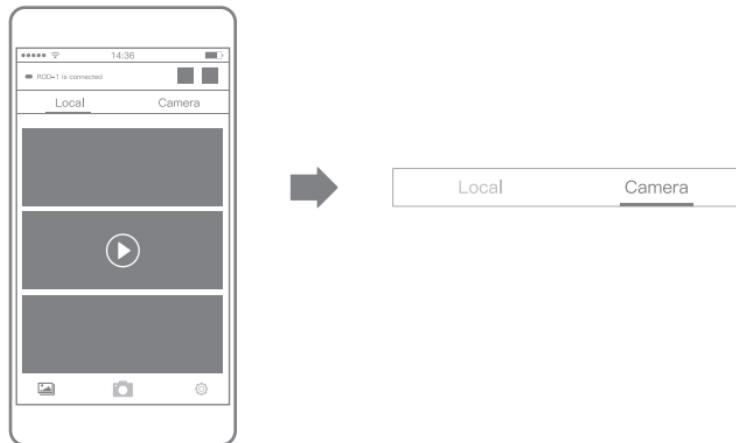
also supports time-lapse shooting function. Please set relevant parameter on shooting setting page



Click shooting parameter button [≡] to view and set current shooting parameter

App Instructions / Managing Photos/Videos 3.5

View saved photos/videos



Download contents to mobile phone

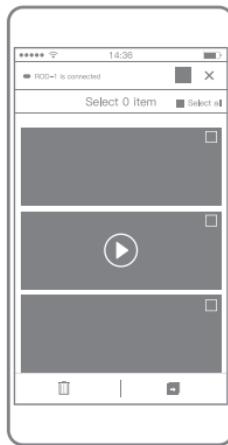
- Select photos & videos in the camera. Click Save button to download the contents to mobile phone.
You can view the saved 360° contents on phone.

Delete contents

- Select files to be deleted in camera's media library / local media library page and then delete them

Export contents

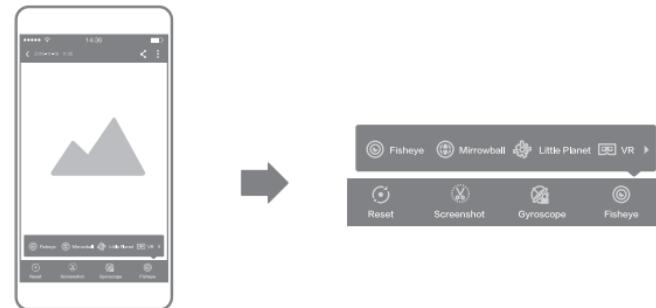
- Select files to be exported in local media library page and then export them to the photo album of mobile phone



App Instructions / Viewing Photos/Videos

Click saved files and view 360 ° photos & videos

- The App supports fisheye view mode, mirror ball view mode, little planet view mode and VR view mode.
- Click the icon to switch current viewing mode
- Use gyroscope and gestures like dragging and pinching to create better view experience



Share 360 ° contents

- Click sharing button on viewing page and share 360 ° videos to Facebook and YouTube and 360 ° photos to FaceBook

App Instructions / Settings

3.7

- Set current Wi-Fi name and password
- View and set language version in App



Check current firmware version of the camera after connecting it to the App

- Update device firmware to the latest version online when new firmware version is available

View current App version

- Update the App to the latest version online when the new App version is available

Reset to factory settings

Precaution / Camera Protection

4.1

Battery Care & Maintenance

- To extend the life of the battery, please always keep the battery power sufficient

Protect the lenses

- When using the camera, please do not touch the lenses with hand and clean the lenses regularly with supplied cleaning cloth.
- To avoid lens damage, please do not place the camera directly on rough surface (e.g. earth)

Please keep the camera in the place out of reach of children

- Precision structure of the camera may be damaged if children or pets drop or abrade the camera accidentally.

Meanwhile, please avoid children or pets being injured by dropping camera

Please note that do not drop or knock the camera

- Please protect your camera during operating it. Please do not drop or knock the camera to avoid damaging its precision structure

Please do not let foreign matter enter the camera

- Please turn off the camera immediately if metal, water, liquid and other foreign matters enter the camera

Please keep the camera dry

- Please keep your camera dry. Moreover, please do not operate the camera with wet hands

Precaution / Notes for Usage

4.2

The camera shall be turned off when you are in an airplane

- Please note that the wireless device of your camera may interfere with airplanes. Therefore, please follow any relevant restriction rules

The camera shall be turned off when you are in filling station and around other explosive sites

- Please obey relevant polices and rules and protect yourself and your camera when you are around fuel or blasting sites

Warning

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

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.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment .

This transmitter must not be colocated or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with the minimum 20cm from human body, or operation in hand-held condition. If used in hand-held mode, please keep more than 20cm from head and body.