



User Manual

About Foldio360 Smart Dome

Thank you for purchasing the Foldio360 Smart Dome.
The Foldio360 Smart Dome is an all-in-one solution for product photography.
Create 360° images anywhere with your choice of device - smartphone or digital camera.
Increase your sales and website engagement with a whole new world of online contents with the Foldio360 Smart Dome.



Keep up to date with promotions and other excited news:

@orangemonkie @orangemonkieteam

Download our mobile Foldio360 app to control your dome: iOS QR & Android QR



iOS Download:
Scan QR code to download or search for "Foldio360" in the App Store.

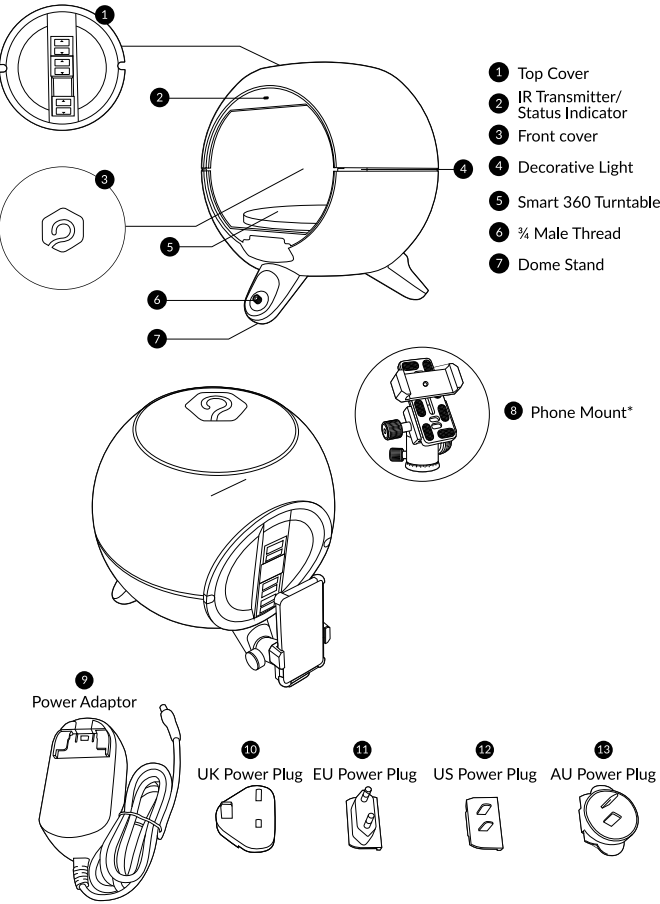


Android Download:
Scan QR code to download or search for "Foldio360" in the Play Store.

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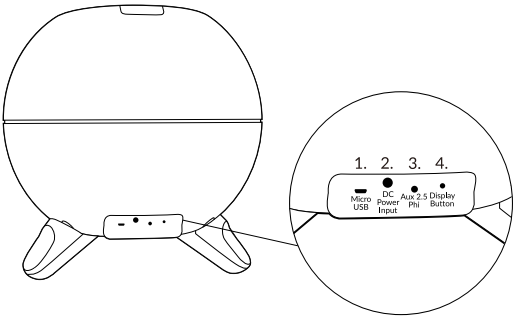
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The Basics:



*Phone mount is not included with the Foldio360 Smart Dome. Additional purchase necessary.

Back Panel Mode:



- 1. **Micro USB:** Created for debugging usage. No actual use for users.
- 2. **DC Power Input:** 12V, 4A (48W), Size = 5.5 Phi. Plug-in power adapter here.
- 3. **Aux 2.5 Phi:** DSLR wire remote mode. The Aux cable is not provided, you need to obtain a cable cord that will fit the connection of your DSLR. This plug is for cameras without IR remote mode. This plug connects your DSLR to the Foldio360 Smart Dome.
- 4. **Display Button:** Hold for 3 seconds to continuously rotate the 360 turntable without having to manual rotate the turntable with our App.

Technology:

Automatic Shooting System: The system automatically creates 360° images with Bluetooth or IR remote.

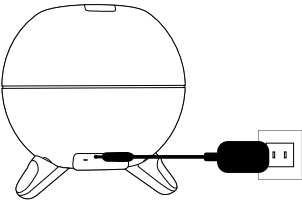
Front & Top Ring Light: The Ring Light Technology created by ORANGEMONKIE, eliminates shadows and creates an infinite white background for your 360° visuals.

BLE: By Bluetooth 4.0 technology, the turntable connects with supported smartphones.

IR: By IR remote transmitter built in the turntable, the device can be connected with cameras supporting IR remote functions.

How to use:

1.



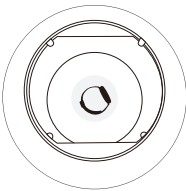
Connect the Smart Dome with the Universal Adapter. The power connector is located in the back of the device.

2.



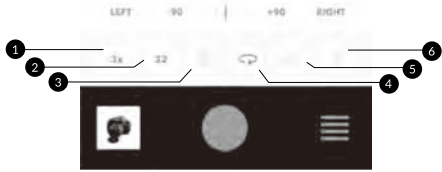
Use your smartphone to **turn-on and control** the Smart Dome. Turn-on the bluetooth function on your smartphone. To download the App, scan the QR Code in the beginning of this manual. Download and launch the Foldio360 Application. After downloading, click **"SELECT DEVICE"** to connect with the "Foldio360 D".

3.



After connecting your Smart Dome with the Foldio360 App, **turn on Center lights** with the Foldio360 App to help place the object on the center of the turntable. After placing your object in the center, **turn-off the center lights** before shooting.

4.



- 1. Speed
- 2. Frame
- 3. Center Point Indicator
- 4. Turntable Control
- 5. LED Light Brightness
- 6. LED Light Color Temperature

With the Foldio360 App you can also **adjust the Smart Dome's LED brightness and color temperature**. For more information on the Foldio360 App, please scan the QR Code in this section to get a link to an online manual.

App Manual Guide

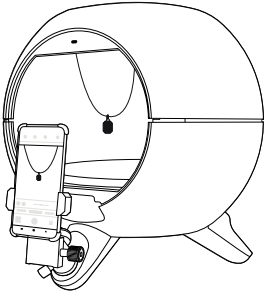


5.

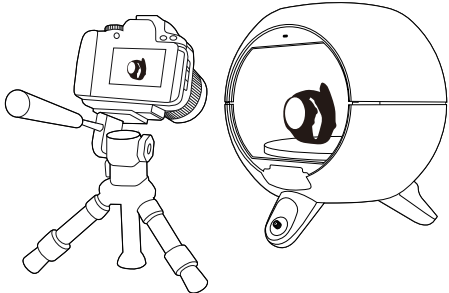


After adjusting the settings of the Smart Dome, click the center red button on the App to **start automatically shooting** your 360° visuals. If you would rather control your Foldio360 Smart Dome with your PC, please check out the section **"Introduction to PC360 Software"** in this manual.

Tips:



1. When creating 360° visuals with the Foldio360 Smart Dome, **use a phone mount or tripod** to immobilize your smartphone or camera to enhance the quality of your image.



2. The Foldio360 Smart Dome also works with a DSLR camera by using IR communication. You can upload the image sources to spinzam.com website provided by ORANGEMONKIE to upload and view your final 360° image. To learn more about SPINZAM, read more from the **"Spinzam.com for Private Viewer & Cloud Storage"** section in this Manual.

Specifications:

Material	White ABS / Polycarbonate
Outer Size	11" x 14" (L x W)
Inner Size	8" x 12" (L x W)
LED Light	Top / Front Light Ring: Total 258 LEDs - 129 LEDs: 2300K, 95+ CRI; 0.2W High Density - 129 LEDs: 5600K, 95+ CRI; 0.2W High Density Bottom / Center Indicator Light: Total 15LEDs - 5600K, 95+ CRI; 0.2W High Density
Max Load	Up to 6lbs (2.8 KG)
Bluetooth LE RF Spec	Bluetooth 4.0 or higher & BLE required Frequency : 2402 ~ 2480 MHz, Output Power : 4 dBm ±1 dB
Input Power	12V / 4A
Application & Platform	foldio360 app (iOS / Android) www.spinzam.com

System Requirements:

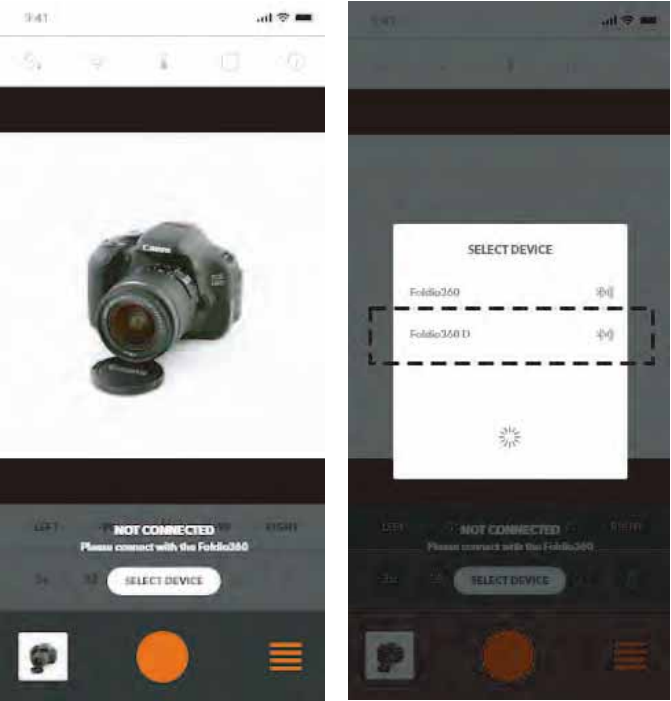
Smartphone bluetooth version: Bluetooth 4.0 (BLE) or higher (LE version required)
Minimum requirement: iPhone 6S or higher (works best with iPhone X or higher)
OS Version: Minimum requirement is iOS 10.0 or higher (works best with iOS 12.0 or higher) / Android 6.0 or higher (works best with Android 12.0 or higher)
DSLR - IR remote mode available

Bluetooth connection:

Foldio360 Smart Dome uses BLE technology, therefore manual Bluetooth pairing process is not required. You can connect to the Foldio360 Smart Dome by launching the Foldio360 App.

1. Connect the power to the Foldio360 Smart Dome
2. Enable Bluetooth on your smartphone
3. Launch Foldio360 App
4. Find Foldio360 device on “SELECT DEVICE” menu
5. Click on “**Foldio360 D**”
6. Connection is completed

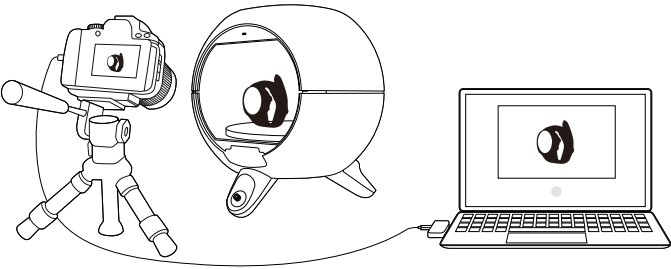
Please visit the following link for more information.
<http://spinzam.com/helpcenter/>



Select your Foldio360 on the SELECT DEVICE screen.

Connected

Introduction to PC360 Software:



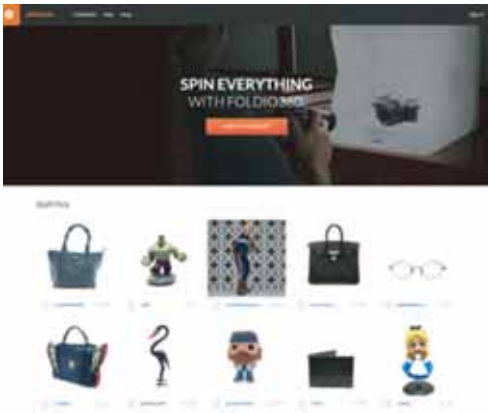
ORANGEMONKIE has launched a professional software designed for controlling, exporting, and editing product visuals captured with our Foldio Products*. PC360 Software enables DSLR camera users to create and edit 360° photos with both Mac and Window-based PC computers.

- Key features:
- DSLR live viewer
 - Control your DSLR Settings
 - Control your Foldio product*
 - Automatically save all your photos & videos to your desktop
 - Easily batch edit

*Controls Foldio360 Smart Dome & Foldio360 Turntable.

For more information please visit our website to purchase the PC360 Software.

Spinzam.com for private 360 viewer and cloud storage:



SPINZAM is a 360 image platform that **supports uploading and sharing your 360 images online**. Share and embed your amazing work to your blog, online store, or social networks and let others know what you can do with your Foldio360 Smart Dome.

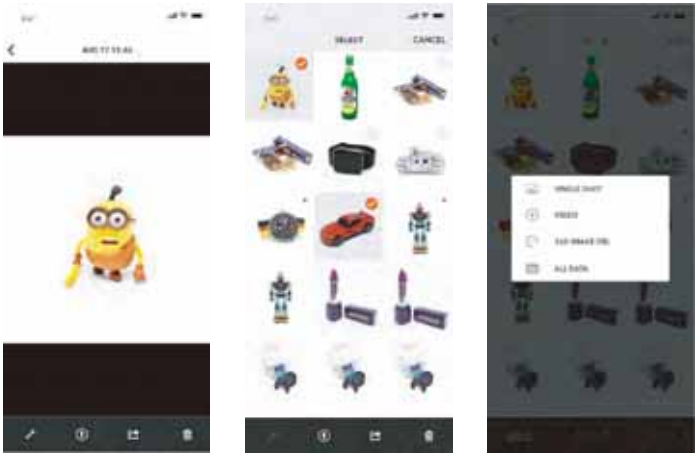
Smartphone: Upload 360 images directly from the Foldio360 gallery.
DSLR: Upload image sources to SPINZAM to create an interactive 360 image.

- You can do the following works with SPINZAM:
1. **Store** your 360 images and **create unique codes and links to share** them on your online store, blog, sns etc.
 2. **Create 360 images** using the photos taken from your DSLR camera

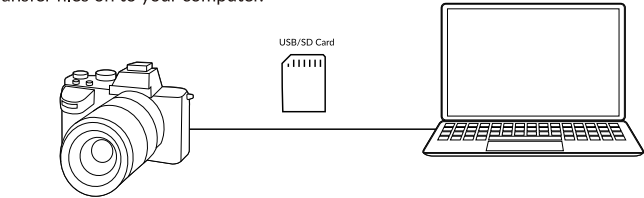
Transferring Files to a Computer:

Without using the PC360 Software to ease your experience with exporting files, you can still **manually transfer your files** to a computer.

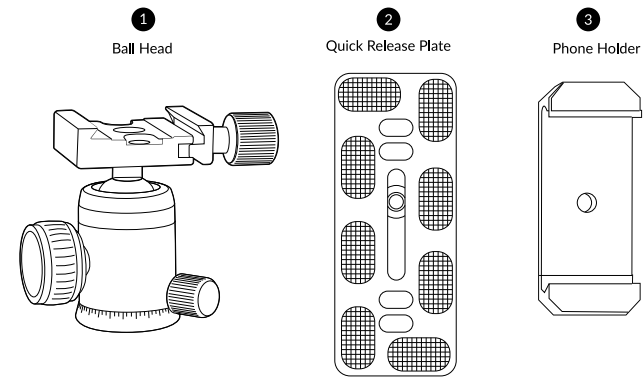
- Shooting with a Smartphone:**
1. After editing your photos, click on the upload button
 2. Select the photos that you want to save
 3. After selection, click on the type of file that you want to save your visual as.
 4. These photos will save in your gallery or file folder to your phone.
 5. Transfer the gallery photos onto your computer through your chosen method: Spinzam, email, online drive, Airdrop, etc.



Shooting with a DSLR:
Connect the DSLR to your Laptop with a USB cable or plug in SD card.
Click on the files that popped up on your desktop.
Transfer files on to your computer.



Using the Mount:



How To Attach Phone Mount:

- Step 1:** Place the screw that is on the Quick Release Plate inside the hole that is on the center of the Phone Holder. Rotate clockwise to tighten.
- Step 2:** Loosen the space between the Ball head by turning the side knob counter clockwise.
- Step 3:** Place the combined Quick Release Plate and Phone Holder in the space that you have just loosened. Turn the side knob clockwise to tighten.
- Step 4:** Place the assembled Phone Mount on the Foldio360 Smart Dome's ¾ male thread. Screw on clockwise to tighten.

Precaution:

On BLUETOOTH communications

BLUETOOTH wireless technology operates within a range of about 10 m (30 feet). Maximum communication range may vary depending on obstacles (human body, metal, wall, etc.) or electromagnetic environment. BLUETOOTH communications may be disabled if: There is a human body between the unit and the BLUETOOTH device. This situation may be improved by placing the BLUETOOTH device facing the antenna of the unit. There is an obstacle, such as metal or wall, between the unit and the BLUETOOTH device. A device using 2.4 GHz frequency, such as a Wi-Fi device, cordless telephone, or microwave oven, is in use near this unit. Because BLUETOOTH devices and Wi-Fi (IEEE802.11b/g/n) use the same frequency (2.4 GHz), microwave interference may occur, resulting in noise or audio dropout or communications being disabled if this unit is used near a Wi-Fi device. In such case, perform the following: Use this unit at least 10 m (30 feet) away from the Wi-Fi device. If this unit is used within 10 m (30 feet) of a Wi-Fi device, turn off the Wi-Fi device. Install this unit and the BLUETOOTH device as near to each other as possible. Microwaves emitting from a BLUETOOTH device may affect the operation of electronic medical devices. Turn off this unit and other BLUETOOTH devices in the following locations, as it may cause an accident: where inflammable gas is present, in a hospital, or a petrol station - near automatic doors or a fire alarm. Using the BLUETOOTH device may not function on mobile phones, depending on radio wave conditions and location where the equipment is being used. Do not use the unit on an airplane. Radio waves may affect instruments, causing an accident due to malfunction.

This unit supports security capabilities that comply with the BLUETOOTH standard to provide a secure connection when the BLUETOOTH wireless technology is used, but security may not be enough depending on the setting. Be careful when communicating using BLUETOOTH wireless technology. We do not take any responsibility for the leakage of information during BLUETOOTH communications. Connection with all BLUETOOTH devices cannot be guaranteed. A device featuring BLUETOOTH function is required to conform to the BLUETOOTH standard specified by Bluetooth SIG, Inc. and be authenticated. Even if the connected device conforms to the above mentioned BLUETOOTH standard, some devices may not be connected or work correctly, depending on the features or specifications of the device. Depending on the device to be connected, it may require some time to start communications.

CAUTION

Avoid continuous use of the turntable for an extended period of time. Only use adapters from Orangemonkie. Orangemonkie will not be held liable for any trouble or problems caused from use of parts or products which are not approved by Orangemonkie. Do not attempt to plug in the adapter or power connector with force. Do not drop, disassemble, open, crush, bend, deform, puncture, shred, microwave, or incinerate the Foldio360. Do not place objects that weigh more than the maximum weight (6lbs/2.8kg) When using, place the object on the center of the turntable to prevent damage to the device. When not using the turntable for a long period, do not leave the object on the device. Unplug the cable from the turntable when storing for a long period. Placing a heavy object on the turntable for an extended period of time can cause damage to the device. Do not put weight or pressure on this unit when stored for a long time as it may cause the unit to deform. Do not rotate the rotary plate manually. Do not subject the unit to excessive shock. Do not expose the unit to extremely high or low temperatures. Do not leave the unit in direct sunlight for an extended period of time. When cleaning, clean the unit with a soft dry cloth. Do not use abrasive cleaners to clean the unit. Do not expose the unit to water. The unit is not waterproof. Be careful not to drop the unit into a sink or other container filled with water or any other liquid. Do not get the unit wet. If you touch the unit with wet hands, or put the unit in a damp article of clothing, the unit may get wet and this may cause malfunction of the unit. Do not place/store this unit in a place exposed to humidity, dust, soot or steam, or subject to direct sunlight. Do not leave e unit in a car for a long time. It may cause a malfunction. If you have any questions or problems concerning this unit that are not covered in this manual, please consult your nearest dealer.

SAFETY INSTRUCTION

This product is not edible. Do not put product in a microwave, oven, dishwasher, washing machine or dryer. Keep out of reach of children. Do not attempt to handle plug or power connectors with wet hands. Do not expose the turntable to water, alcohol, benzene or any other chemical materials. Do not expose the turntable to flammables or fire. Do not store the turntable close to flammables or high heat sources. Do not use the unit in humid locations or bad weather, such as in the rain or snow. If you experience any physical discomfort after using the unit, stop using the unit immediately. Storage and operation temperatures : 0℃ ~ 50℃

Warranty:

1-YEAR FREE WARRANTY

Unauthorized resales are not supported by manufacturer's warranty. If you purchase this unit from an unauthorized dealer; the 1-year warranty (if ordinarily offered) does not apply and the unit will not be eligible for product support from Orangemonkie, Inc. Orangemonkie, Inc. warrants to you, the original purchaser ("Consumer"), that this unit ("Product") will under normal use, operate substantially in accordance with the accompanying documentation, for a period of one (1) year from date of original purchase. The consumer's sole and exclusive remedy, and Orangemonkie, Inc.'s sole and exclusive responsibility under this warranty will be, at Orangemonkie, Inc.'s option, to replace or repair the defective Product during the one (1) year warranty period so that it performs substantially in accordance with the accompanying documentation on the date of the initial purchase. Any replacements may be, at the option of Orangemonkie, Inc. a new or remanufactured product. Any repair may be at the option of Orangemonkie and will abide by the repair policy of Orangemonkie. Any benefits to the Consumer given by this warranty are in addition to other rights and remedies that the Consumer may be entitled to under law. The forgoing warranty is limited to Product and is not applicable to: (i) normal wear and tear; (ii) defects or damage caused by misuse, accident (including without limitation: collision, fire and the spillage of food or liquid), neglect, abuse, alteration, unusual stress, modification, improper or unauthorized repair or improper storage (iii) used not in accordance with the documentation; and (iv) damage caused by or to the equipment with which the Product is used. Please visit our website www.orangemonkie.com and search for "1 Year Warranty" on the search tab for more information.

Certification and Compliance:

FCC Compliance Statement

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.

CAUTION: 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.

RF Exposure Statement

A minimum separation distance of 20 cm must be maintained between the antenna and the person for this appliance to satisfy the RF exposure requirements

Troubleshooting:

- Generally most cases can be solved by just re-connecting the power cable to the Smart Dome.
- In use, the Smart Dome makes a small buzz sound. This is not a problem with the turntable and a normal phenomenon.
- In cases where the turntable and Bluetooth do not connect, check whether Bluetooth connection is turned-on in your smartphone.
- Place the object in the center of the turntable to avoid any disability of the device or failure to create 360 images.
- When the turntable does not rotate or when LED lights do not function check the Bluetooth connection.
- When DSLR Mode does not function, check whether your camera supports IR remote and also make sure to align your camera lens with the turntable indicator.

Product Registration

Register your Orangemonkie product to receive faster After-Sales Service and Benefits.
1. Visit www.orangemonkie.com/as
2. Enter your serial number and other requirements.

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Designed by Orangemonkie in California, United States. Made in Korea. Model No. M4000R. www.orangemonkie.com
This device has been tested and found to comply with part 15 of the FCC rules.

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