



User Guide

LG 360 CAM

LG-R105

ENGLISH



MFL69574601 (1.0)

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Note: Please read all information carefully prior to using the LG 360 CAM in order to enjoy the best performance and prevent damage to the product.

Product Overview

The LG 360 CAM is a smart device that allows you to easily take high-quality photos and videos with dynamic audio.

- Take 16-megapixel spherical photos or record QHD videos using dual cameras.
- Record 5.1-channel surround sound using three microphones.
- Using the LG 360 VR product (sold separately), you can view your vivid photos and videos, as well as enjoy a more realistic sound environment.

Trademarks

- *Bluetooth®* is a registered trademark of Bluetooth SIG, Inc. worldwide.
- Wi-Fi® and the Wi-Fi logo are registered trademarks of the Wi-Fi Alliance.

Open Source Software Notice Information

- To obtain the source code under GPL, LGPL, MPL, and other open source licenses, that is contained in this product, please visit <http://opensource.lge.com>. In addition to the source code, all referred license terms, warranty disclaimers and copyright notices are available for download. LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) upon email request to opensource@lge.com. This offer is valid for three (3) years from the date on which you purchased the product.
- The open source license text can be found on the Manager app that works with the product.

This wireless device may cause electromagnetic interference. To prevent possible interference with sensitive medical equipment, turn off the device when requested to do so in hospitals, clinics, or healthcare facilities.

Important Safety Information

- Always use genuine products. Do not use this product for any unintended purpose.
- Using or connecting products that are not genuine may shorten the product's longevity or cause an explosion. Doing so may also damage the product and thereby void the service warranty.
- Do not disassemble the product or allow anything to impact it. Doing so may cause an electric shock, short-circuit, or fire.
- Applying heavy pressure to the product may damage it.
- Some functions of this product may be damaged, or its appearance may be altered or impaired, if it is bent or crushed and not repaired immediately.
- In order to prevent damage, be careful not to drop the product on a hard surface or subject it to severe shock.
- Keep the product away from water, alcohol, benzene, etc.
- Use the product at temperatures between 0°C and 35°C. Do not use or store the product in environments with extreme temperatures. Do not leave the product in direct sunlight for long periods of time. Doing so may cause damage or an explosion.
- Use a soft cloth to wipe the product.
- Do not place the product near metal objects such as necklaces, keys, coins, nails, or clocks. In the case of a short circuit, there is also a risk of explosion.
- Keep the product out of the reach of small children and pets. Do not put the product in your mouth or subject it to severe shock. There is a risk of electric shock, explosion, or suffocation.
- Do not connect or insert conductive materials (metal pieces, pencil leads, etc.) into the connectors.

- Do not cover or wrap the product with a blanket while in use.
- The product may become hot after long periods of use. Avoid touching the product when it becomes hot as it may cause a low-temperature burn.
- When shooting video for a long period of time, the camera may become hot. To prevent damage from high temperatures, the camera may stop operating.
- Do not dispose of the product as household waste. Doing so may cause a fire or damage the environment.
- Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
- For your safety, do not remove the battery incorporated in the product
- If you need to replace the battery, take it to the nearest authorized LG Electronics service point or dealer for assistance.
- Li-ion Battery is hazardous component which can cause injury.
- Battery replacement by non-qualified professional can cause damage to your device.
- Always unplug the charger from the wall socket after the device is fully charged to save unnecessary power consumption of the charger

DECLARATION OF CONFORMITY

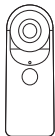
Hereby, LG Electronics declares that this LG-R105 product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. A copy of the Declaration of Conformity can be found at <http://www.lg.com/global/declaration>



The LG 360 CAM supports Google Street View™ and YouTube™ 360° services.

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Product Components



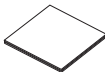
LG 360 CAM



Cap



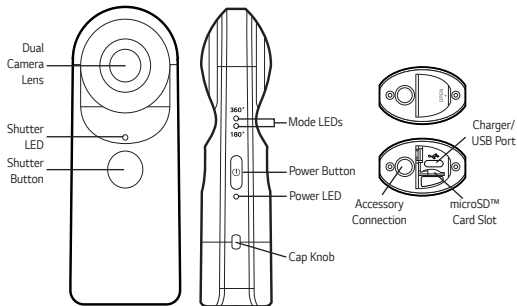
USB Cable



User Guide

- If there are any missing components, contact the retailer where you purchased the product.
- Some items are subject to change without prior notice depending on the circumstances.
- The appearance and specifications of the product are subject to change without prior notice in order to improve performance.

Product Description



Using the Buttons

Power on	Press and hold the Power Button (1 second).
Power off	Press and hold the Power Button (4 seconds or longer).
Take a photo	Press the Shutter Button .
Record a video	Press and hold the Shutter Button (1 second).
Stop a recording	Press the Shutter Button .
Enter sleep mode	Press and hold the Power Button (1 second).
Exit sleep mode	Press the Power Button or Shutter Button .
Forced shutdown	Press and hold the Power Button (12 seconds or longer).

How to Reset the Device

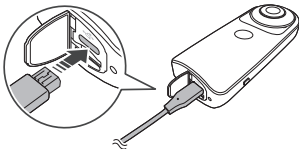
Simultaneously press and hold the **Power Button** and the **Shutter Button** for 8 seconds. Release the buttons after you hear the second beep, and then press the **Power Button** within 4 seconds to reset the device.

- You can take photos and record videos only when an external SD card has been inserted.

Battery Charging and Alerts

The Power LED indicates the battery level.

Power LED (with the cable disconnected)	Green	Red	Red blinking
Battery Status	More than 15%	5–15%	Less than 5%



Open the bottom cover of the product and connect the charger to the USB port.

Power LED (with the cable connected)	Red	Green
Battery Status	Charging	Completed

Connections

Connect a Device

1. Turn on your LG 360 CAM.
2. Launch the 360 CAM manager app on your phone.
3. Your LG 360 CAM and the manager app will automatically connect.
4. Your LG 360 CAM is now ready to use.

Notes

- Connecting your phone to the LG 360 CAM will turn off the Wi-Fi connection on your phone.
- The LG 360 CAM manager app can be downloaded from Google Play™ Store on Android™ phones and from App Store® on an iPhone® by searching for "LG 360 CAM." (Supported on Android 5.0 (Lollipop OS) or later and iOS™ 8 or later.)
- When the LG CAM 360 app asks for a *Bluetooth*® connection and location permissions, you must allow the permissions before using the app.
- When launching the LG CAM 360 app for the first time, you must agree to the terms and conditions before using the app.
- The LG 360 CAM can be connected to only one phone at a time. To connect it to another phone, first disconnect it from the phone it is currently connected to.
- If your LG 360 CAM is password protected, enter the password to connect it.
- The default Wi-Fi password is "00" plus the last six digits of your product's serial number.
- To reset the Wi-Fi connection, simultaneously press and hold the **Power Button** and the **Shutter Button** for 3 seconds until you hear a beep.
- Turn on or off the device's Wi-Fi by pressing the **Power Button** and the **Shutter Button** twice.
- *Bluetooth*® is used for pairing and Wi-Fi is used for Preview and data transfers.

Features and Usage

Taking Photos and Recording Videos

- **Shooting without a Connected Device**

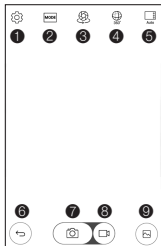
Press the Shutter Button on your LG 360 CAM to take photos or record videos.










(See Using the Buttons on page 8.)

LED mode	Top LED on	Bottom LED on
Shooting Mode	360°	180°

- **Shooting with a Connected Device**


Tap  on the 360 CAM app home screen.

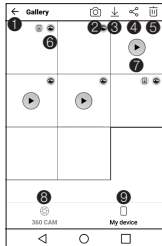











1		Select the additional settings for camera.
2		Select the shooting environment.
3		Select the camera direction.
4		Select a Shooting mode (360°/180°).
5		Select Normal or Manual mode.
6		Go to the previous menu.
7		Take a photo.
8		Record a video.
9		View a preview.

- Avoid touching or removing the external SD card while the camera is operating or transferring data.
- Each file can contain up to 20 minutes of video at the maximum resolution.
- Video editing and message attachment may not be available on some phones.

Gallery

Tap  on the 360 CAM app home screen.



1		Go to the previous menu.
2		Open the camera.
3		Download the files from your LG 360 CAM to your phone.
4		Share your files.
5		Delete any unwanted files.
6		Spherical image icon
7		Video play icon
8		Access the file list on your LG 360 CAM.
9		Access the file list on your phone.

- High resolution videos may not play depending on your phone specifications, but they should play on a PC.
 - The PC software can be downloaded from the LG Electronics website (<http://www.lg.com>). (Supported on Windows® 7 or later and iMAC® 10.10 or later.)

Settings

Tap the  on the 360 CAM app home screen.

Sound

Press this button to mute/unmute your LG 360 CAM.

Wi-Fi Password

This allows you to set a Wi-Fi password.

Storage

This allows you to check or format a storage space.

Battery

This displays the battery level of your LG 360 CAM.

Auto-sleep

This allows you to set the time before your LG 360 CAM enters Power Saving mode.

About LG 360 CAM

- This displays software updates, device information and the Terms of Service for your LG 360 CAM.
- The LG bridge program that is required for LG 360 CAM software upgrade can be downloaded from the LG Electronics website (<http://www.lg.com>).

Help

Press the  button for help.

Additional Information

Exposure to radio frequencies

This section includes information on radio wave exposure and the Specific Absorption Rate (SAR).

This device model LG-R105 has been designed to comply with all applicable safety requirements regarding exposure to radio waves. These requirements are based on scientific guidelines that include safety margins designed to ensure the safety of all persons, regardless of their age and health.

- The radio wave exposure guidelines employ a unit of measurement known as the Specific Absorption Rate (SAR). Tests for the SAR are conducted using standardised methods with the device transmitting at its highest certified power level in all used frequency bands.
- While there may be differences between the SAR levels of various LG device models, they are all designed to meet the relevant guidelines for exposure to radio waves.
- The SAR limit recommended by the International Commission on Non-Ionising Radiation Protection (ICNIRP) is 2 W/kg averaged over 10 g of tissue.
- The highest SAR value for this device when worn on the body, as described in this user guide, is 0.413 W/kg.
- This device meets RF exposure guidelines when positioned 0.00 cm away from the body.
- In order to transmit data files, this device requires a strong network connection. In some cases, the transmission of data files may be delayed until such a connection is available. Follow the separation distance instructions listed above until the device finishes transmitting.

Limited Warranty

SUBJECT TO THE CONDITIONS OF THIS LIMITED WARRANTY, LG ELECTRONICS WARRANTS THIS PRODUCT TO BE FREE FROM DEFECTS IN DESIGN, MATERIAL AND WORKMANSHIP AT THE TIME OF ITS ORIGINAL PURCHASE BY A CONSUMER, AND FOR A SUBSEQUENT PERIOD OF ONE (1) YEAR. SHOULD YOUR PRODUCT NEED WARRANTY SERVICE, PLEASE RETURN IT TO THE DEALER FROM WHOM IT WAS PURCHASED OR CONTACT YOUR LOCAL LG ELECTRONICS CONTACT CENTRE TO GET FURTHER INFORMATION.



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Any modifications or changes to this manual due to typographical errors or inaccuracies of stated information shall only be made by LG Electronics Inc.