

Innovative ID Design

Detachable ring design, multiple sizes to fit various finger dimensions





Touch Module

Highly Flexible ProxSense® Device
Deep Sleep Current: 9µA

No.	Gesture	Entertainment Mode	Sports Mode	Action Camera
1	Swipe Up/Down	Video Browsing	Switch Songs	N/A
2	Swipe Up/Down & Hold	N/A	Adjust Focus (Not supported on iOS)	N/A
3	Swipe Left/Right	Page Browsing	Camera Mode Switch (Not supported on iOS)	N/A
4	Swipe Left/Right & Hold	Volume Control	Volume Control	Swipe Right to Switch Mode
5	Single Click	Play/Pause	Play/Pause	N/A
6	Double Click	Like	Front/Rear Camera Switch (Not supported on iOS)	N/A
7	Press & Hold	N/A	N/A	N/A

TS物理按键 (Tact switch)



General Operations

- Single Click: Wake / Camera Shutter
- Quick Press 5 Times: Power Off
- Double Click: Switch Entertainment Mode / Sports Mode
- Long Press 5+ Seconds: Unpair Device
- Triple Click: Activate Action Camera Control

No.	Button Action	Entertainment Mode	Sports Mode	GoPro Action Camera Control	Insta360 Action Camera Control	DJI Action Camera Control
1	Single Click	Switch Coordinate Point; Activate LED, Show Current Mode	Take Photo; Activate LED to Show Current Mode	Take Photo; Record/Stop Recording; Blue Light Flashes Once	Take Photo; Record/Stop Recording; Blue Light Flashes Once	Take Photo; Record/Stop Recording; Blue Light Flashes Once; Reconnect to Activate Camera
2	Double Click	Entertainment /Sports Mode Cycle Switch	Entertainment /Sports Mode Cycle Switch	Pair/Wake; Blue Light Flashes Once	Screen Off/On; Blue Light Flashes Twice	Pair/Wake; Blue Light Flashes Once
3	Press 2 Seconds until light flashes then release	Return to Home	Open Camera; Video/Photo Cycle Switch	Switch Timelapse /Video/Photo Mode	Switch Timelapse /Video/Photo Mode	Switch Video/Photo Mode
4	Long Press 5+ Seconds	Unpair	Unpair	Unpair	Unpair	Unpair
5	5 Clicks	Power Off	Power Off	Power Off	Power Off	Power Off





Magnetic Charging

**Lithium Battery Capacity: 3.7V, 20mAh
(CR301012)**

Charging Current $\leq 20\text{mA}$

Charging Time ≈ 1 Hour

**Continuous Working Time When Fully
Charged ≈ 8 Hours**

**Continuous Standby Time When Fully
Charged > 2 Months**

OnCtrl



Sleep and Activation

Activation: Press TS

Sleep Mode:

Bluetooth Not Connected Mode: Returns to sleep mode after 40 seconds of inactivity

Bluetooth Connected Mode: Returns to sleep mode after 60 seconds (1 minute) of inactivity

Force Sleep: 5 Consecutive Clicks

OnCtrl



Bluetooth Pairing and Clearing

Bluetooth Pairing

Open Bluetooth settings on your phone, search for "Ring II", click to connect.

Some phones may pop up a pairing prompt, just click OK.

After successful Bluetooth pairing, you can see it's connected on your phone.

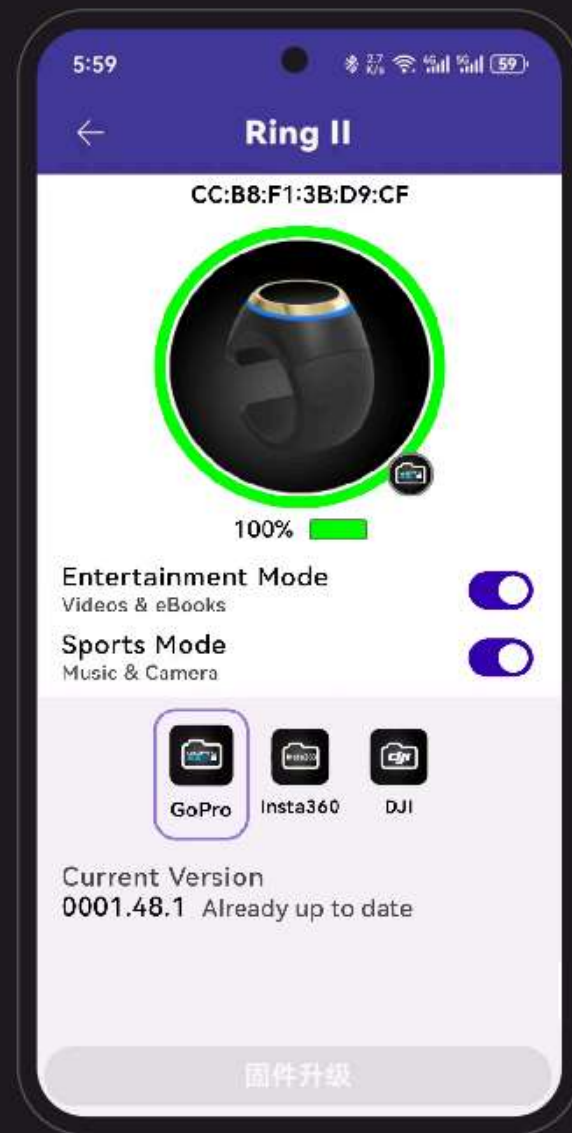
The breathing light on Ring II will flash once, indicating successful Bluetooth pairing.

Bluetooth Management

Unpaired State: LED continuously flashes

Paired: LED breathes (flashes softly) only 1 time

Clear Pairing: Long press TS for 5+ seconds



APP

APP can view Ring II battery level and version information, supports FW upgrade:

1. Device Version Management
2. Cloud-based Firmware Update Detection
3. Ring Function Mode On/Off Control (requires APP v1.6 or later)
4. OTA Update (requires charging constraint)

.Supports Manual OTA

.When low battery (battery <20%), it is recommended to charge promptly

.For OTA upgrade, it is recommended that battery level >60%



Package





Pink Entertainment Mode



Red Sports Mode



Blue Action Camera Control

LED Indicator

Operation Status:

Blue Halo for Action Camera Mode	Power On: On
Red Halo for Sports Mode	Light Touch Click: Flashes Once Per Click
Pink Halo for Entertainment Mode	Pairing
Cleared: Continuously Flashes	
Connected: Breathes (flashes softly) Once	

Fully Charged: Continuously Lit
 Low Battery (<30%): Single Flash Every 10 Seconds
 Critical Battery (<10%): Single Flash Every 5 Seconds
 Charging: Red Light On, Breathes Once Every 10 Seconds

Specifications





Frequency Range: 2402-2480MHz
Transmit Power, up to 4dBm
Receive Sensitivity: -70dBm
Operation Range, at least 10m

Touch Module

Highly Flexible ProxSense® Device
Deep Sleep Current: 9µA
4x4 Capacitive Touch Grid, 12 Channels

Rechargeable Lithium Battery 1xCR301012, Total Capacity 3.7V/20mAh,
Battery Charging Current Not More Than 20mA.
Supports Continuous Work for 8 Hours,
Low Power Mode for More Than 2 Months
Battery Not Completely Depleted for More Than 1 Month in Shutdown Mode
Charging Time About 1 Hour.

Note: If the device is not used for a long time, please charge it at least once every 6 months!

Product Operating Temperature Range is 0°C to 45°C

Storage Temperature

Product Storage Temperature is -40°C to 80°C



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APP Download

