

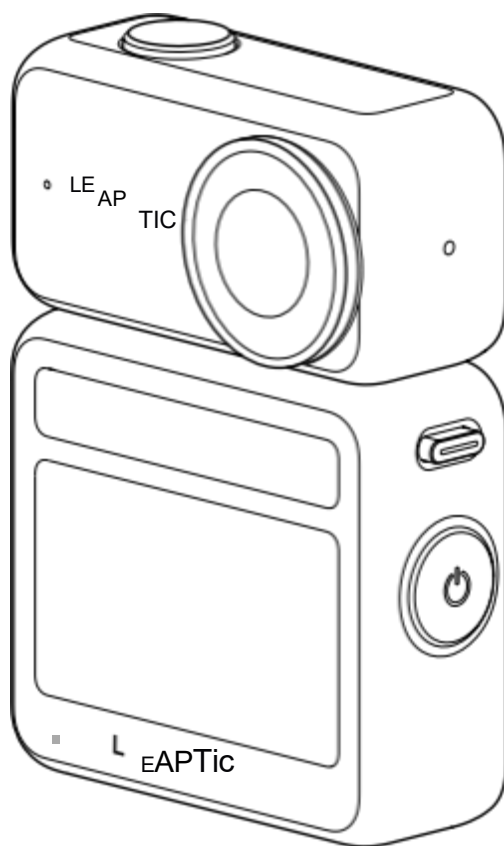


LEAPTIC

CUBE

User Manual

v1.0 2025.10





All rights to this manual are owned by Shenzhen Photon Leap Technology Co., Ltd. No individual or organization may use any part of this manual in any form (including but not limited to copying, scanning, dissemination, reprinting, sale, or tampering) without written authorization from the company. This manual is intended solely to guide users in operating the relevant product and must not be used for any other purpose.



Quick Keyword Search

PDF electronic documents support keyword search using the "Find" function. For example, in Adobe Reader, Windows users can use the shortcut Ctrl + F, and Mac users can use Command + F to search for keywords.



Click Table of Contents to Navigate

Click on titles in the table of contents to quickly jump to the corresponding section, making it easy to explore the document's structure.



Print Document

This document supports high-definition printing to ensure output quality.

Reading Tips

Symbol Guide

-  Important Notes
-  Operation and Usage Tips
-  Glossary and Reference Information

Usage Recommendations

Leap tic Provides the Following Learning Materials:

- 1 . Instructional Videos
- 2 . Documentation
 - Safety Overview
 - Quick Start Guide
 - User Manual

Recommended Learning Path

We suggest using the materials in the following order :

- 1 . Watch instructional videos and read the Safety Overviewto understand basic operations and safety precautions.
- 2. Read the Quick Start Guideto masterthe product's basic usage methods.
- 3. Refer to the User Manualfor detailed product features and operational instructions.

Download Leaptic App

Scan the QR code below to download the Leaptic App.



- To check the supported Android and iOS system versions , visit :
 - <https://www.dji.com/downloads/djiapp/dji-mimo> .
- The App interface is continuously updated. The actual display and features may vary depending on the App version used.
-

Table of Contents

Reading Tips

- Symbol Guide
1
- Usage Recommendations
1
- Access Tutorial Videos
1
- Download Leaptic App
2

Product Overview

- Cube
5
- Flexible Expansion Screen
6
- Standard Accessories
7

First-Time Use Preparation

- Charging
9
- View Serial Number
10
- App Download & Activation
10

Operation Guide

- LED Indicator Status
13
- Button Functions
14
- Screen Functions
15
- Cube Home Screen
15
- Special Features
16
- Media Storage
17
- Connecting Cube & Flexible Expansion Screen
17
- Standard Accessories Installation & Usage
18

LeapticAPP

APP Connection
21

Material Editing
22

Media File Transfer
23

Maintenance and Care

Firmware Upgrade
26

Cleaning Notes
26

Waterproofing Notes
27

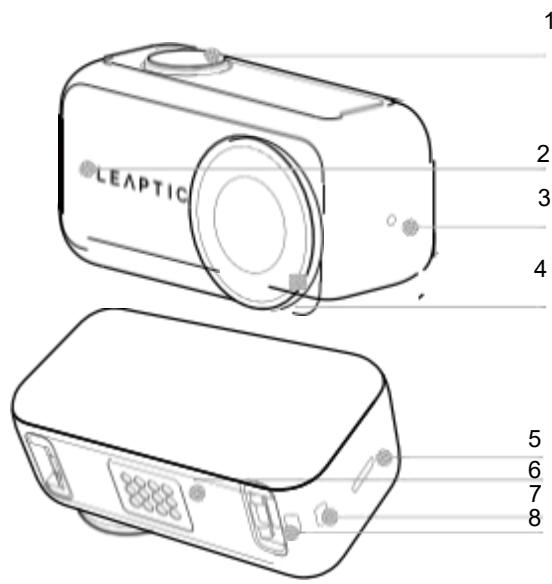
Specifications

Specifications₉
2

Product Overview

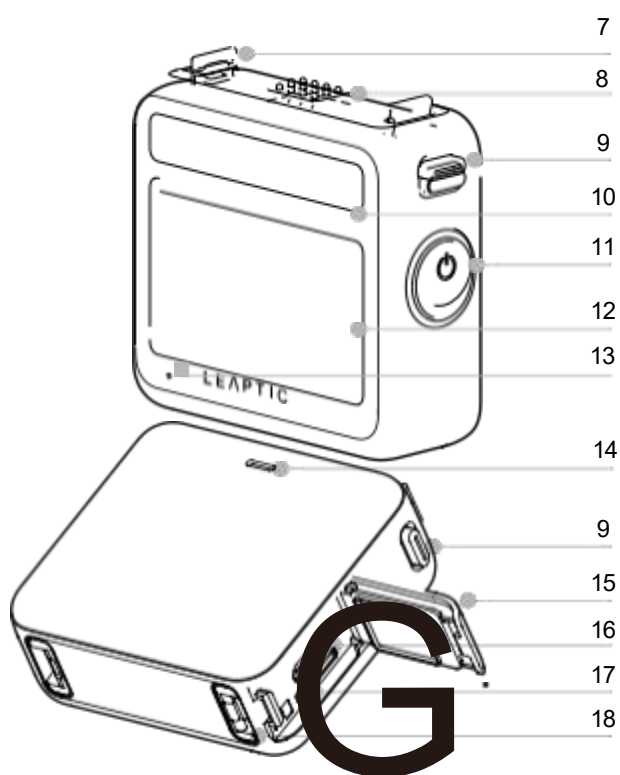
1 / Product Overview

1.1 Leaptic Cube Model: LGA001



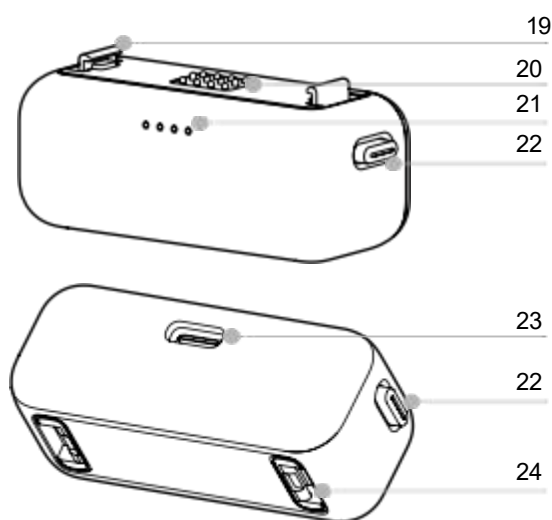
- 1 . Power Button/Shutter Button
- 2 . Indicator Light
- 3 . Microphone
- 4 . Protective Lens
- 5 . Speaker
- 6 . Connection Contacts
- 7 .Lanyard Hole
- 8.Magnetic Interface

1.2 Dynamic Screen Cube Model: LGA002



- 7. Lock
- 8. Connection Contacts
- 9. Unlock Button
- 10. Flexible Quick Screen
- 11. Power Button/Customizable Button
- 12. Flexible Main Screen
- 13. Indicator Light
- 14. Speaker
- 15. USB Protective Cover
- 16. Type-C Port
- 17. Micro SD Card Slot
- 18. Magnetic Interface

1.3 Magnetic Battery



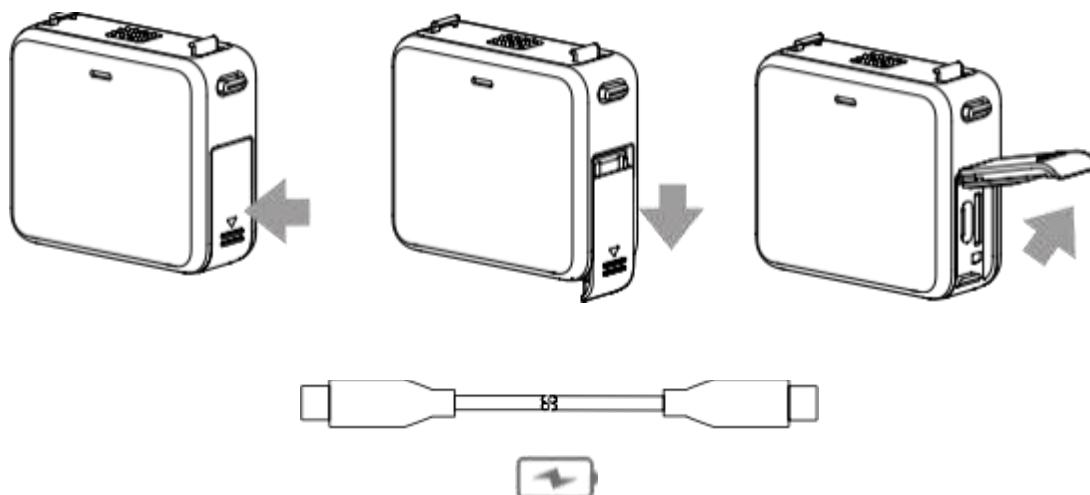
- 19. Lock
- 20. Connection Contacts
- 21 . Indicator Light
- 22. Unlock Button
- 23. Type-C Port
- 24 . Magnetic Interface

First-Time Use Preparation

2 / First-Time Use Preparation

2.1 Charging

Before use, connect the Flexible Expansion Screen's Type-C port to a power adapter (user-provided) using the included Type-C to Type-C cable.



Attach the Cube to the Flexible Expansion Screen magnetically.

Red indicator light remains on during charging; turns off when fully charged.

Charging Time:

(1) Cube: 19 min to 80%, 33 min to full

(2) Flexible Expansion Screen: 28 min to 80%, 42 min to full

Battery Life:

220 minutes

*Tested in a 25 ° C lab environment while recording 1080P24 video (HDR off). Actual battery life may vary.

Note:

It is recommended to use a power adapter for charging. Connecting to a computer or other power bank may result in insufficient power supply for simultaneous charging.

2 .2 View Serial Number



- Via Product Packaging:
- Check the serial numbers for the Cube and Flexible Expansion Screen on the back of the packaging.
- Via Settings Menu:
- Swipe down to enter Settings, tap "About Camera" to view the serial number.
- Via Leaptic App:
- Connect the Cube to the Leaptic App, enter Settings, tap "Device Info" to view the serial number.

2 .3 App Download and Activation

App Download and Activation

First-time use requires activation via the Leaptic App. Download the app by:
Scanning the QR code below;

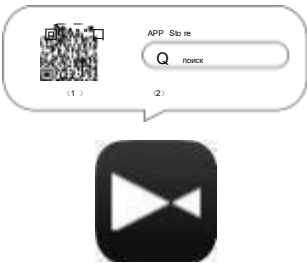
Searching " Leaptic" in your app store.After installation, create an account and log in.

Follow these steps to activate the Cube:

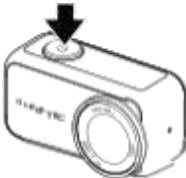
Turn on the Cube;

Enable Wi-Fi and Bluetooth on your phone;

Open the Leaptic App, tap the " Camera" icon at the bottom, and follow the prompts to connect and activate.



Загрузить приложение



Включить питание



Operation Guide

3 / Operation Guide

3.1 LED Indicator Status

Before use, charge the Magnetic Battery using the included Type-C to Type-C cable.

Cube Status	Cube	Flexible Expansion Screen
Powered On	Green light flashes rapidly 3 times	Green light flashes rapidly 3 times
Powered Off	Green light flashes rapidly 5 times	Green light flashes rapidly 5 times
Normal Standby	Green light stays solid	Green light stays solid
Charging While Off	Red light stays solid during charging , turns off when fully charged	Red light stays solid during charging, turns offwhen fully charged
Recording	Red light flashes	Red light flashes
Abnormal	Yellow light stays solid	Yellow light stays solid
Filter Wear Up - grade	Blue light flashes	Blue light flashes
Abnormal Alert	Yellow light flashes	Yellow light flashes

3.2 Button Functions

Cube Used Alone:

Cube Shutter Button: [Function description:

Cube Status	Key operation	Button functions
Shutdown	Short press	Turn on the camera and start shooting
Shutdown	Long press for 2 seconds	Power on
Power on	Short press	Start shooting/Stop shooting
Power on	Long press for 2 seconds	Shutdown
Power on	Long press for 5 seconds	Force shutdown

Cube Connected to Flexible Expansion Screen:

Cube Shutter Button: [Function description:

Cube Status	Key operation	Button functions
Shutdown	Short press	Start taking photos/videos (need to turn on the quick shot function)
Power on	Short press	Start recording/Stop recording
Power on	Long press for 5 seconds	Force shutdown

Flexible Expansion Screen Power Button:

Cube Status	Key operation	Button functions
Shutdown	Short press	Power on
Power on	Short press	During standby: Switch shooting modes (supports customizable but- ton functions during standby and video recording) During video recording: Mark highlights
Power on	Long p r ess for 2 seconds	Shutdown
Power on	Long p r ess for 5 seconds	Force shutdown

3.3 Screen Functions

After startup, the Flexible Expansion Screen displays the main interface, showing shooting mode, battery level, storage capacity, and more. Use intuitive touch gestures (tap or swipe) for settings.



Swipe Left/Right at Center
Switch modes



Swipe Right from Edge
Enter Gallery



Swipe Left from Edge
Swipe Left from Edge



Swipe Down from Edge
Open Quick Menu



Swipe Up from Edge
View Specification



Say "Hi, Moko" to
Cube Activate Moko Voice

3.4 Cube Home Screen



1. Mode Customization Zone: Displays current mode; tap to switch. Default modes: Video, Photo, Time-Lapse.
2. Storage Info: Shows remaining photos/video duration on MicroSD card.
3. Stabilization/View Entry.
4. Function Customization Zone: Effects adjustment and camera control; long press to customize.
5. Camera Info (Host Battery, Dock Battery)
6. Lossy + Lossless Zoom Entry
7. Shooting Mode Entry
8. Specifications Entr

3 .5 Special Features

Flexible Island



Long press the upper left corner icon
Enter edit customization mode



Select Icon
Set up a shortcut mode, up to three can be set



Click the icon
Switching Mode

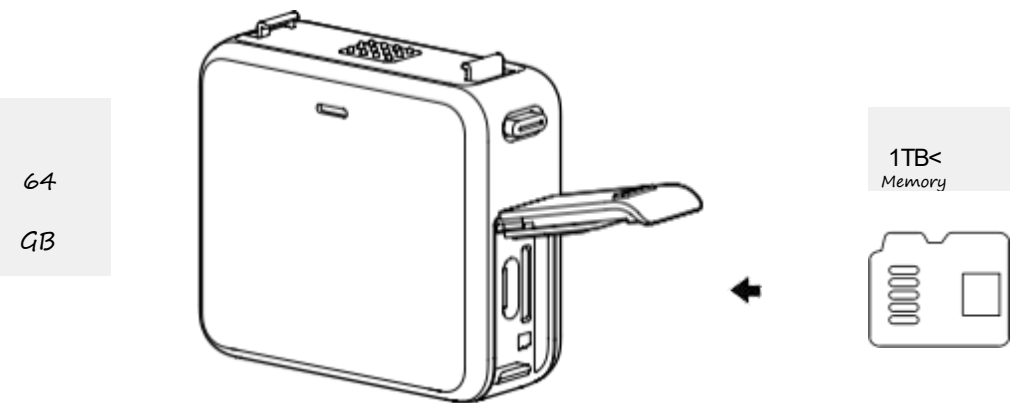


Long press the icon in the upper right corner
Enter edit customization mode



Select Icon
Set up a shortcut mode, up to three can be set

3.6 Media Storage



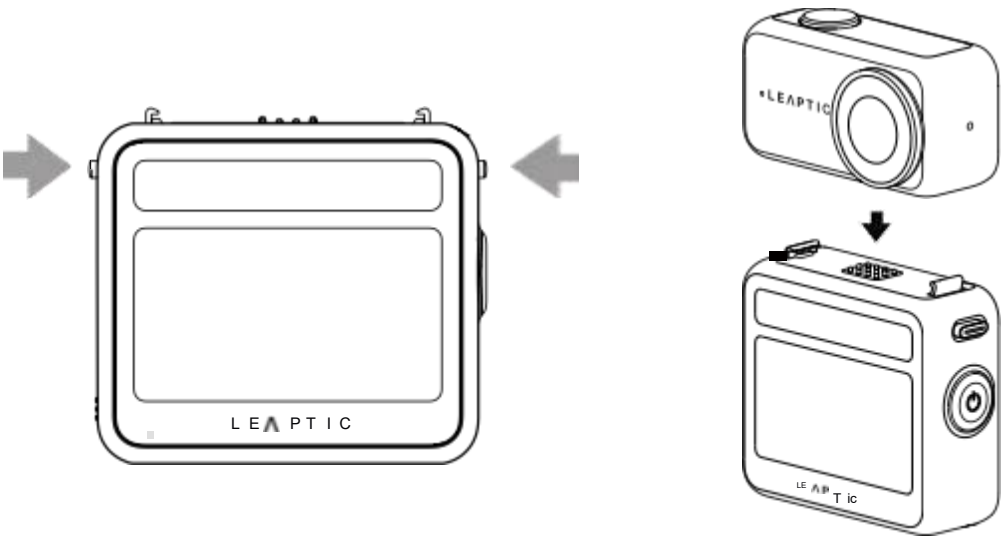
1.The Cube uses built-in storage (64GB/ 128 GB), with remaining space available for files.

2.The Flexible Expansion Screen supports MicroSD cards up to 1TB.

Note: To remove the MicroSD card, gently push it into the Flexible Expansion Screen.

3.7 Cube connected to the smart expansion screen

You can follow the steps below to connect the Cube and the Smart Expansion Screen:

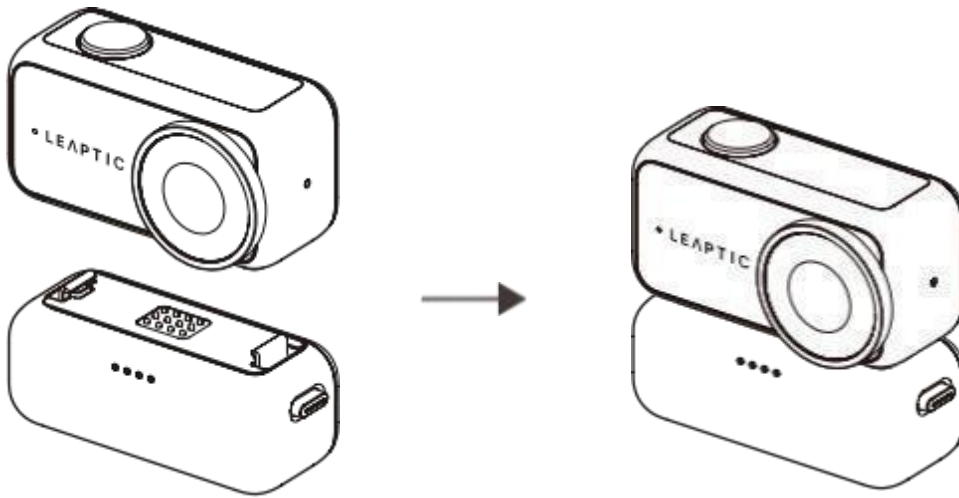


Connecting Cube and Flexible Expansion Screen:

- 1. Turn on both Cube and Flexible Expansion Screen.
- 2. Attach them magnetically.
- 3. Wait for automatic pairing to complete.

3.8 Magnetic Battery

Attach the Leaptic Cube to the Magnetic Battery magnetically and ensure it is locked. The battery provides additional power.



3.9 Standard Accessory Installation and Usage

The Cube can be paired with various accessories for flexible shooting angles.

Magnetic Neck Mount



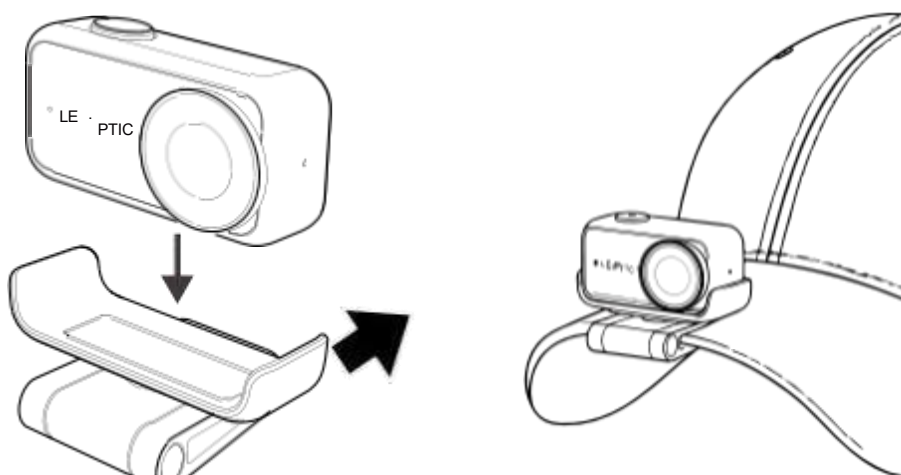
Usage:

1. Place the magnetic plate with the Cube logo facing outward and attach it over clothing.
2. Adjust horizontal/vertical positioning: horizontal for 16 : 9 video, vertical for 9 : 16 video.
3. Adjust strap length; recommended position is below the collarbone.

Notes:

1. Do not use if you have a pacemaker;
2. Avoid thick clothing (e.g., sweaters, coats) as it may reduce magnetic strength;
3. Avoid vigorous activities (e.g., jumping, running) to prevent the Cube from detaching.

Universal Clip

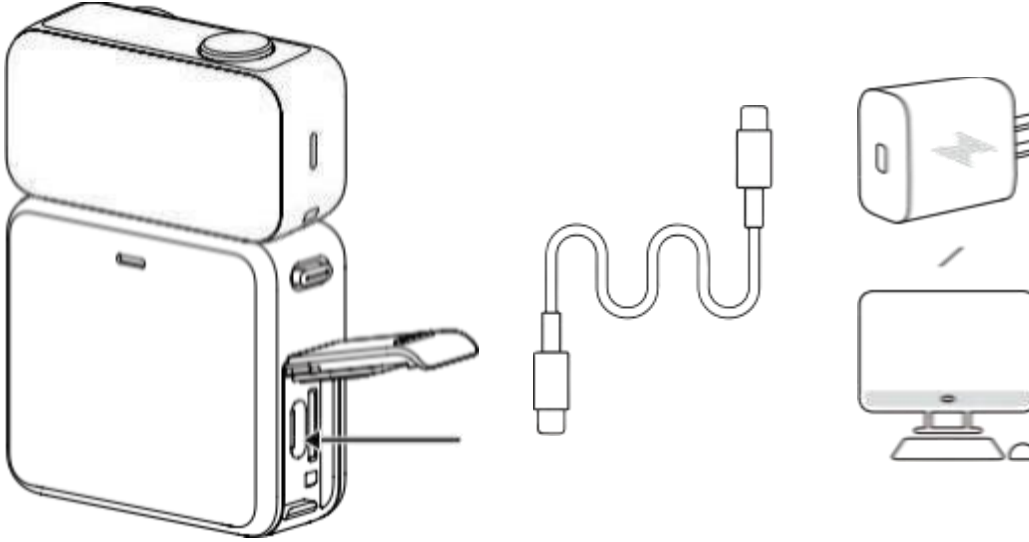


Usage:

1. Insert the Cube into the clip as shown, ensuring it is secure;
2. Adjust the viewing angle vertically;
3. Attach to cap edges or other surfaces.

Type-C to C Cable

Insert one end into the Flexible Expansion Screen's Type-C port and the other into a power adapter (compatible with Cube charging specs) or computer for charging/data transfer.



Magnetic Attachment Check: Before each use, ensure the Cube is securely attached (test by gently shaking). Do not use if magnetic force weakens.

Weight and Compatibility: Only compatible with magnetic sports thumb Cube. Do not attach devices exceeding weight limits to avoid damage or falling.

Sports Scene Protection: During vigorous activities (e.g., running, cycling), use the included safety rope (if available) for added security.

Leaptic APP

4 / Leaptic APP

4 . 1 APP Connection

- 1. Turn on the Cube;
- 2. Enable phone Wi-Fi and Bluetooth;
- 3. Open the Leaptic App, tap the "Camera" icon, and follow prompts to connect.



Note:
If the above operations cannot be performed, please find the Cube name on the phone system Wi-Fi settings page, click it and enter the password to connect, and then return to the App.

- If connection fails:*
- 1. Check if the Leaptic App has network, Bluetooth, and local network permissions ;
 - 2. Ensure Wi-Fi is enabled in Cube settings;
 - 3. Keep the Cube near the phone.

4.2 Material Editing

View and edit materials via the Leaptic App.

Gallery Page



1. Connect the Cube to the Leaptic App;
2. Access the gallery to view all materials or switch to phone storage;
3. Tap thumbnails to view in the player.

Moments



1. Connect the Cube to the Leaptic App;
2. Tap the Moments tab to view auto-organized moments;
3. Select multiple materials from the gallery to create moments.

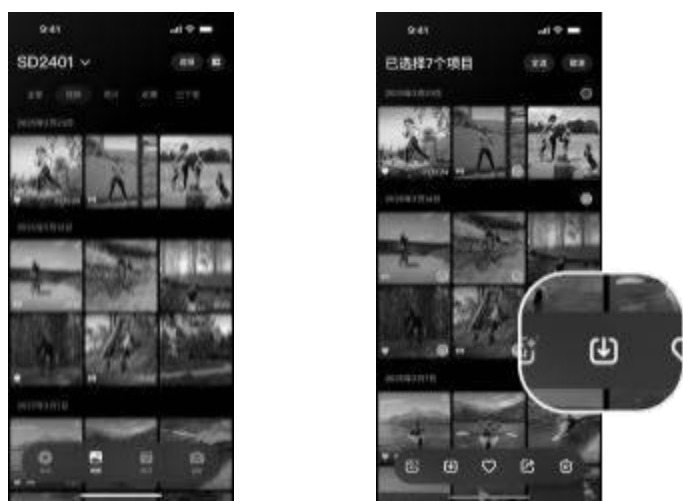
Editing Page



- 1. Connect the Cube to the Leaptic App;
- 2. Enter the gallery to view materials;
- 3. Tap thumbnails to edit without downloading (clip/filter functions);
- 4. Tap "Edit" for advanced features (e.g., aspect ratio adjustment, speed change, beautification);
- 5. Export to the system album after editing.

4.3 Transfer Media Files

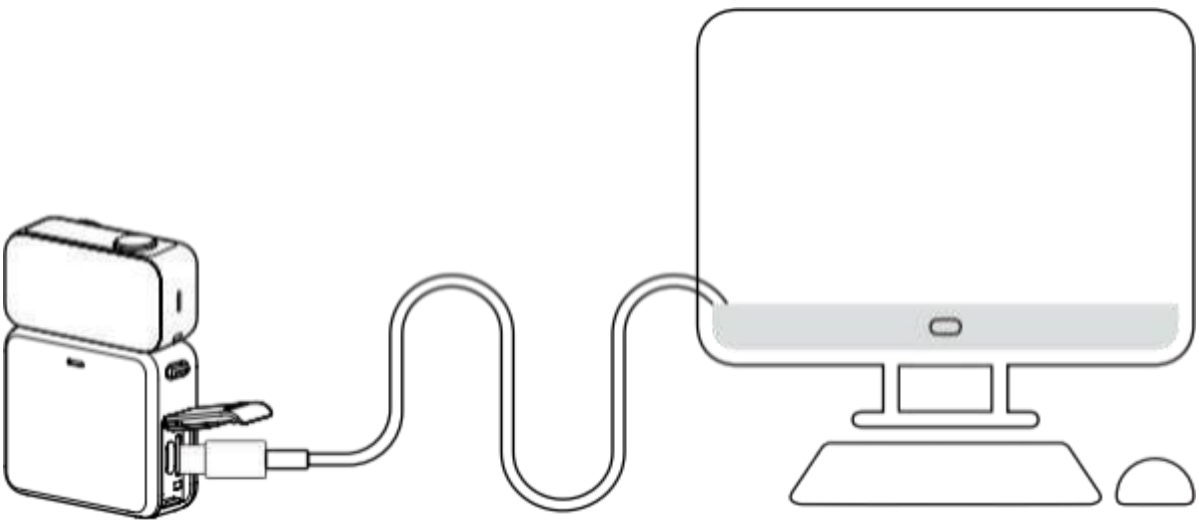
Transfer materials from the Cube to a computer or edit/export via the Leaptic App.



Cube to Leaptic App Transfer

1. Connect the Cube to the Leaptic App;
2. Tap the "Gallery" tab to view materials;
3. Tap "Select" to choose materials;
4. Tap the "Download" icon to save to the album.

Cube to Computer Transfer



1. Connect the Cube to a computer using the Type-C cable;
2. Open the Cube storage drive, navigate to DCIM > Leaptic_001;
3. Copy files to the computer.

Maintenance and Care

5 / Maintenance and Care

5.1 Firmware Upgrade

Keep the firmware updated for optimal performance. Upgrade via the Leaptic App:

- 1. Connect the Cube to the Leaptic App;
- 2. If an update is available, follow prompts to download and install.



Firmware Upgrade Failed

- 1. Ensure the Cube is connected to the phone.
- 2. Ensure battery level is above 20%.
- 3. Ensure stable phone internet.

Restart the device and retry if conditions are met.

5.2 Cleaning Notes

- 1. For foreign objects on the lens cover, clean with water or use professional tools (lens pen, blower, cloth).
- 2. For foreign objects on the lens, use professional tools.

5.3 Waterproofing Notes

1. The Cube (without Flexible Expansion Screen) is IPX8 waterproof up to 10 meters. For diving, prolonged underwater use, or high-pressure water sports (e.g., surfing), use the official Leaptic dive case (waterproof up to 60 meters).
2. Ensure the lens cover is fully tightened before underwater use.
3. The Flexible Expansion Screen is IPX4 splash-resistant; do not submerge it.
4. After water use, rinse the Cube gently with clean water, dry with a soft cloth, and air-dry thoroughly.
5. Avoid rapid entry into water to prevent impact damage.
6. Avoid extreme water conditions, unknown liquids, or highly humid environments (e.g., hot springs, saunas) to prevent corrosion.

6 Specifications

Camera Model: LGA001	
Operating Temperature	-20℃ ~40℃
Charging Temperature	0℃ ~45℃
Bluetooth/ProSync Operating Frequency	2402~2480MHz
Bluetooth/ProSync Maximum radio-frequency output power	<10dbm
WiFi Operating Frequency	5.150-5.250 GHz,5.725-5.850 GHz
Maximum radio-frequency output power	5.1GHz: < 23 dBm (FCC) , < 20dBm (CE/SRRC/MIC) 5.8 GHz: < 30 dBm (FCC/SRRC) , < 13.98dBm (CE)
WiFi Protocol	801.11a/n/ac/ax
Dynamic Screen Cube Model: LGA002	
ProSync Operating Frequency	2402~2480MHz
Maximum radio-frequency output power	<10dbm

EU&UK compliance



EU Compliance Statement: Shenzhen Photon Leap Technology Co., Ltd. hereby declares that this device(Leaptic Cube-LGA001, Dynamic Screen Cube-LGA002) is in compliance with the essential requirements and other relevant provisions of the Directive 2014/53/EU.

EU Declaration of Conformity is available online at <https://www.leaptic.tech/euro-compliance>

GB Compliance Statement: Shenzhen Photon Leap Technology Co., Ltd. hereby declares that this device(Leaptic Cube-LGA001, Dynamic Screen Cube-LGA002) is in compliance with the essential requirements and other relevant provisions of Radio Equipment Regulations 2017.

GB Declaration of Conformity and PSTI SOC is available online at <https://www.leaptic.tech/euro-compliance>

RF Exposure Information

PRÉCAUTIONS D'USAGE DE L'APPAREIL

N'utilisez pas l'appareil dans un hôpital, un avion ou un équipement automobile en raison des radiofréquences qui peuvent produire des interférences

Maintenez une distance minimale de 15 cm entre votre appareil et un stimulateur cardiaque pour éviter toute interférence

Eloigner les équipements radioélectriques du ventre des femmes enceintes

Eloigner les équipements radioélectriques du bas-ventre des adolescents

Le débit d'absorption spécifique (DAS) local quantifie l'exposition de l'utilisateur aux ondes électromagnétiques de l'équipement concerné .

Le DAS maximal autorisé est de 2 W/ kg pour la tête et le tronc et de 4W/kg pour les membres.

La ou les valeurs du débit d'absorption spécifique des LGA001:

DAS tronc:0.433 W/ kg

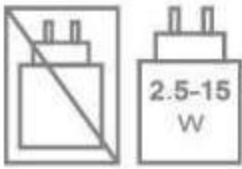
DAS membres:1.892 W/ kg

Das Tête: 1.927W/ kg

BE	BG	CZ	DK	DE	EE
IE	EL	ES	FR	HR	IT
CY	LV	LT	LU	HU	MT
NL	AT	PL	PT	RO	SI
SK	FI	SE	UK (NI)	TR	NO
CH	IS	LI			

UK

This device is restricted to indoor use when operating in the 5150-5250MHz frequency range in all EU/EFTA member states, Türkiye and UK.



The power delivered by the charger must be between min [2.5] Watts required by the radio equipment, and max [15] Watts in order to achieve the maximum charging speed.

WEEE



All products bearing this symbol are waste electrical and electronic equipment (WEEE as in directive 2012/ 19/EU) which should not be mixed with unsorted household waste. Instead, you should protect human health and the environment by handing appointed over your waste equipment to a designated collection point for the recycling of waste electrical and electronic equipment, appointed by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health. Please contact the installer or local authorities for more information about the location as well as terms and conditions of such collection points.

FCC statements

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.

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.

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

RF Exposure Information

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

FCC ID: 2BP9P-LGA002

Model: LGA002 The portable device is designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA).

FCC ID: 2BP9P-LGA001

Model: LGA001 These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use when

properly worn on the head and body.

These requirements set a SAR limit of 4 W/kg averaged over ten gram of tissue. The highest SAR value reported under this standard during product certification for use when properly worn on the limbs.

IC Compliance Information

CAN ICES (B)/ NMB (B)

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference;

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

(1)L'appareil ne doit pas produire de brouillage;

(2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

RF exposure statement

IC : 33994-LGA002

Model: LGA002 This equipment complies with RSS-102 radiation exposure limits set forth for an uncontrolled environment.

End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. The portable device is designed to meet the requirements for exposure to radio waves established by the RSS-102.

Cet équipement est conforme aux limites d'exposition aux rayonnements CNR-102 établies pour un environnement non contrôlé . L'utilisateur final doit suivre les instructions spécifiques pour satisfaire les normes. Cet émetteur ne doit pas être co-implanté ou fonctionner en conjonction avec toute autre antenne ou transmetteur. Le dispositif portatif est conçu pour répondre aux exigences d'exposition aux ondes radio établie par le développement énergétique DURABLE.

IC: 33994-LGA001

Model: LGA001 These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use when

properly worn on the head and body.

Ces exigences un SAR limite de 1,6 W/kg en moyenne pour un gramme de tissu. La valeur SAR la plus élevée signalée en vertu de cette norme lors de la certification de produit à utiliser lorsqu'il est correctement porté sur la tête et le corps.

These requirements set a SAR limit of 4W/kg averaged over ten grams of tissue. The highest SAR value reported under this standard during product certification for use when properly worn on the limbs.

Ces exigences un SAR limite de 4 W/kg en moyenne pour dix gramme de tissu. La valeur SAR la plus élevée signalée en vertu de cette norme lors de la certification de produit à utiliser lorsqu'il est correctement porté sur le membres.

Operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

La bande 5150–5250 MHz est réservée uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

W52: Indoor use only.

NCC compliance Statements

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

應避免影響附近雷達系統之操作。

使用過度恐傷害視力。

注意事項:

- (1) 使用30分鐘請休息 10分鐘。
- (2) 2歲以下幼兒不看螢幕，2歲以上每天看螢幕不要超過 1小時。

設備名稱： 拇指運動相機型號（型式）： LGA0 01						
設備名稱： 二次鋰離子電池組 型號（型式）： LGA0 03						
單 元 Unit	限用 物質 及其化 學符 號					
	鉛Lead(Pb)	汞 Mercury(Hg)	鎘 Cadmium(Cd)	六價鉻 Hexavalent chromium (Cr+6)	多溴聯苯 Polybrom inat ed biphenyls (PBB)	多溴二苯醚 Polybrom inat ed diphenyl ethers (PBDE)
線路板	--	○	○	○	○	○
外殼	--	○	○	○	○	○
液 晶面板	--	○	○	○	○	○
金屬部件	--	○	○	○	○	○
內部線材	○	○	○	○	○	○
配件	--	○	○	○	○	○
備考1 ．“ 超出0 ． 1 wt % ” 及 “ 超出0 ．01 wt % ” 係指限用物質之百分比含量超出百分比含量基準值。						
備考2 ． “ 〇 ” 係指該項限用物質之百分比含量未超出百分比含量基準值。						
備考3 ． “ - ” 係指該項限用物質為排除項 目。						



在实时取景界面下拉,点击设置图标,滑动菜单选择"法律与监管",即可查看认证信息。

在即時取景介面下拉,點擊設定圖示,滑動選單選擇"法律與監管",即可查看認證資訊。

Pull down the live view interface, click the settings icon, slide the menu and select "Legal and Regulatory" to view the certification information.

ライブビューインターフェイスをプルダウンし、設定アイコンをクリックしてメニューをスライドし、「法務および規制」を選択して認証情報を表示します。