

Ulyte User Manual

ProductName : Ulyte (U : you、 UBTECH ; lyte : light))

ProductModel : UP3001

Product Category : Pocket GimbalCamera

Read Before First Use

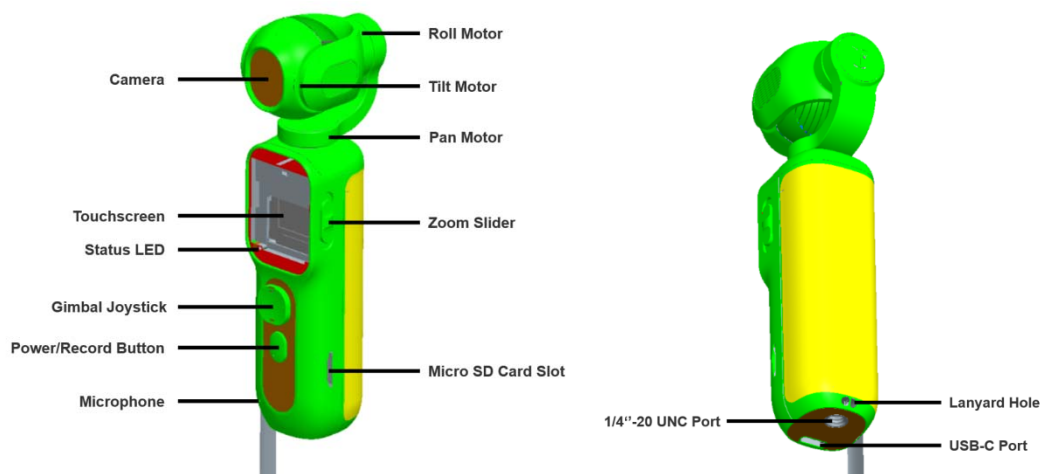
Make sure to read the following documents before using Ulyte.

It is recommended to read the user manual and watch the tutorial videos on UBTECH official website (www.ubtrobot.com) or the Ulyte APP before using it for the first time. Please contact UBTECH or the authorized agents if you encountered any problems when using or maintaining your device.

I . Overview

1. About Ulyte

Ulyte is a 3-axis intelligent hand-held gimbal camera that combines mobility and stability in one device. It shoots stable video at up to 4K 60fps and 12 mega pixel photos. The camera's live view is displayed on the 1.3-inch onboard touchscreen. Intelligent settings include HDR Video, Panorama, Timelapse and Slow Motion, as well as the joystick and zoom slider in the camera body, help you get the great shot. With the dual microphones and various shooting modes, you can experience high-quality sound recording and photos. By connecting Ulyte to the Ulyte APP on your smartphone via the wireless module, you can manage it remotely and experience real-time previews of HD photographs and smart video editing before sharing to social media with a single click.



Note:

(1) Accessories (not provided) such as an external tripod and extension rod can be inserted into the 1/4-inch thread hole.

(2) When capturing videos, avoid blocking the microphone for improved audio quality.

2. Activating Ulyte

When using the device for the first time, activation is required through Ulyte APP on your smartphone.

(1) Press and hold the Power button to power on the device;

(2) Launch the Ulyte APP;

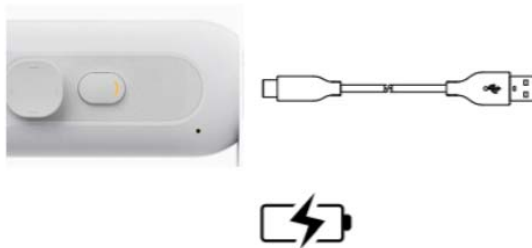
(3) To activate Ulyte, go to the home screen and choose 'Connect.' Then follow the on-screen instructions.

Note: Do not touch the gimbal when it is powering on. Otherwise, the performance may be affected.

II . Preparation Before Use

(1) Charging

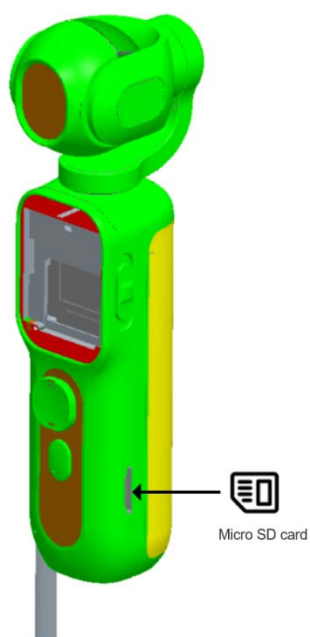
Choose the provided USB-C cable to connect Ulyte USB-C jack for charging. For charging, a 5V/2A adapter is recommended (not provided).



(2) Install the Micro SD card

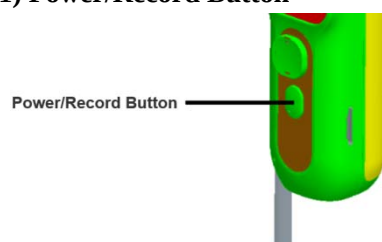
A UHS-I Speed Grade 3 rating microSD card (not provided) is required due to the fast read and write speed necessary for high-resolution video data. It can support max 256GB SDHC.

As shown below, insert the microSD card into the microSD card slot .



III. Operation

(1) Power/Record Button



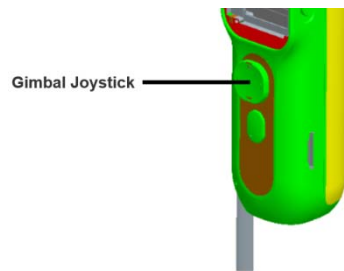
Power On & Off

Operation	Descriptions
Power on	Press and hold the button for 2 seconds
Power off	Press and hold the button for 3 seconds

Shutter/Record

Record Mode	Operation	Descriptions
Photo	Take photos	Press once
Video	Start recording	Press once
	Finish recording (under recording)	Press once

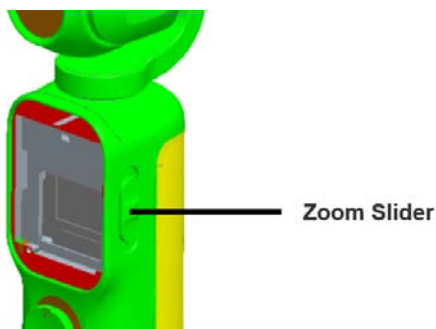
(2) Gimbal Joystick



Operation	Descriptions
Push up	Turn the lens up
Push down	Turn the lens down
Turn to left	Turn the lens to left
Turn to right	Turn the lens to right
Turn to upper left	Turn the lens to upper left
Turn to upper right	Turn the lens to upper right
Turn to lower left	Turn the lens to lower left
Turn to lower right	Turn the lens to lower right

Note: The rotation direction of the lens mentioned above shall be under the condition that the lens is in the forward direction.

(3) Zoom Slider



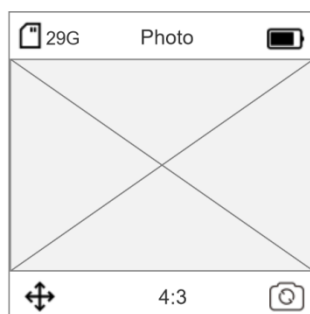
Operation	Descriptions
Turn up	To increase focal length
Turn down	To reduce focal length

Note: the maximum focal length is 3 times and the minimum focal length is 1 times.

(4) Touchscreen



Camera View



1. Re-center: to re-center the gimbal;
2. Flip: switch the camera between facing forward and backward;

Swipe Left

Swipe left on the touchscreen to enter the settings of the shooting mode;

Swipe up or down to select a shooting mode;

Swipe Right

Swipe right on the touchscreen to enter the media library;

Swipe up or down to scroll through photos and videos, and delete or save them;

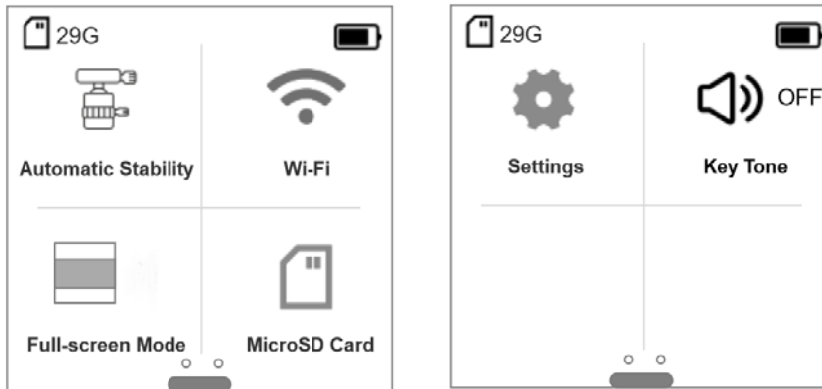
Swipe Up

Swipe up on the touchscreen to enter the settings of shooting parameters;

Set parameters such as countdown, continuous shooting, active track, exposure, white balance, resolution, and frame rate;

Swipe Down

Swipe down on the touchscreen to enter the menu, where you can swipe left or right and click the icon to enter the settings;



1. Gimbal Mode

- Follow: the tilt and pan axes of the gimbal follow the handle, and the roll axis rotates vertically after reaching the limit;
- Tilt Locked: the tilt axis of the gimbal is locked, and the pan axis follows the handle. The roll axis rotates vertically after reaching the limit;
- FPV: the pan, tilt, and roll axes follow;

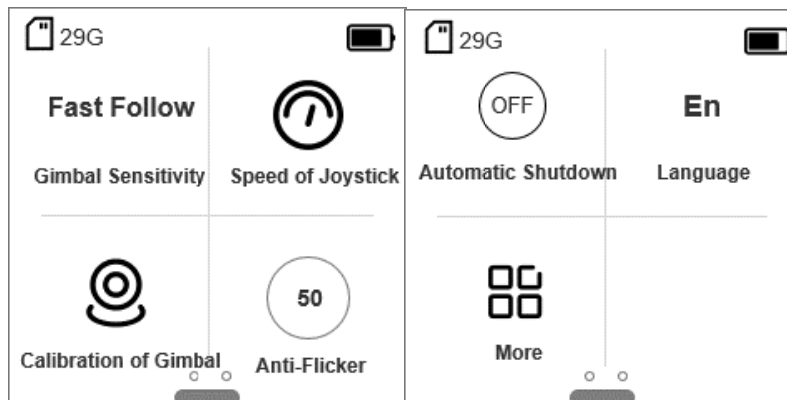
2. Wi-fi: enable or disable Wi-Fi and check the Wi-Fi connecting QR code.

3. Full-Screen Setting: set full-screen or letterbox display;

4. SD Card: display the used capacity and total capacity of microSD card, and format the SD card;

5. Settings: display more settings as shown below;

6. Key Tone: tap to turn the key tone on and off;



6.1 Gimbal Sensitivity: Select the sensitivity of Follow

Fast Follow: the gimbal responds faster and moves abruptly;

Slow Follow: the gimbal responds slower, but the movement is smoother;

6.2 Speed of Joystick: select the 3 speeds of joystick to control the movement;

6.3 Calibration of Gimbal: reduced drift caused by nearby magnetic interference or human error (Ulyte should be placed on a flat and stable surface during calibration and cannot be held by hand);

6.4 Anti-Flicker: select an anti-flicker frequency according to local regulations;

6.5 Automatic Shutdown: set the automatic shutdown duration. If Ulyte is not used within a certain period of time, it will shut down automatically;

6.6 Language: set the display language of the Ulyte;

6.7 More: view the firmware information of Ulyte and reset system parameters.

(5) Status LED



Status LED	Descriptions
Blinks green slowly	Charging
Solid green	Charging completed
Blinks red	Battery level is low

IV. APP Installation

Before using the device, download and install the Ulyte APP.

Download and install the Ulyte APP by scanning the QR Code on the right with your smart phone, or searching for "Ulyte" in the APP store.

QR Code (to be inserted)

Note: The iOS version of Ulyte APP is compatible with iOS v11.0 and later. The Android version of Ulyte APP is compatible with Android v7.0 and later.

V. Updating Firmware

Ulyte Camera firmware must be updated using the Ulyte APP. When a new firmware is available, a prompt will show. Please follow the on-screen instructions to update the firmware.

Note:

- (1) During the firmware upgrade, a microSD card must be installed.
- (2) Make sure that the battery level of Ulyte is at least 20% before updating firmware.

VI. Product Parameters

Product Name: Ulyte Product Model: UP3001
--

Wi-Fi: 2.4g +5G, frequency 44
Gimbal
Mechanical Range of Pan Axis: +60~-260°
Mechanical Range of Tilt Axis: ±90°
Mechanical Range of Roll Axis: ±90°
Controllable Range of Pan Axis: +60~-260°
Controllable Range of Tilt Axis: ±90°
Controllable Range of Roll Axis: ±90°
Maximum Controllable Speed: 120°/s
Angular Vibration Range: ±0.005°
Battery
Capacity: 3200 mAh
Input Voltage/Current: 5V/2A
Charging Time: 150min
Continuous Recording Time: 120min
Shooting
Maximum Resolution: 4000*3000
Photo Format: JPG
Video Maximum Resolution: 4K@30fps
Video Format: MP4
Video Coding: H.265/H.264
Max Video Bitrate: 100 Mbps

VII. Maintenance

1. Storing Ulyte

With Ulyte powered off and in storage mode, place Ulyte into the flannelette bag and then place the device into the storage bag. To avoid unwanted damages to lens, screen and surface of the camera, make sure to avoid keys, clippers and other sharp objects in the bag.

2. Precautions

- (1) When Ulyte is turned on, make sure nothing is obstructing the gimbal.
- (2) When using the Ulyte, keep the lens and screen clean. It is recommended to use the lens wiping cloth.
- (3) Ulyte is not waterproof. Keep the device away from liquids and avoid submerging it in water or getting it wet. In the rain or in a damp environment, DO NOT USE THE DEVICE.
- (4) Use the device in temperatures ranging from 0°C to 40°C;
- (5) After charging or if the device is not charging, unplug the adapter from the device and remove it from the power socket.
- (6) Ulyte has a built-in battery that cannot be removed. DO NOT replace the battery by yourself as the battery or device may be damaged. The battery should only be replaced by the after-sales service center;

(7) Do not store the battery for a long time after it is completely discharged, as it may cause damage to the cell in over-discharged state, which will render it unusable.

(8) Ulyte may be damaged if the device and accessories are subjected to heavy impact or vibration. DO NOT use any chemical solutions or cleaning agent.

(9) Do not expose Ulyte to high temperatures, such as under sunlight, around heaters、

microwave ovens、ovens or water heaters, etc., as overheating may cause explosion;

(10) If Ulyte is not used for more than 10 days, discharge the battery level to 40%-65% for storage, as it may extend the service life of the battery effectively;

(11) Discharge and charge the battery completely once every three months to keep it in good condition.

(12) Avoid touching or covering the heat dissipation area with your body because it may become hot during usage and cause burns;

(13) Don't allow children or pets to swallow or bite the device or accessories as it may cause them harm.

VIII. Name and Content of Hazardous Substance

Components Name	Hazardous Substance					
	Pb	Hg	Cd	Cr (VI)	PBB	PBDE
Plastic shell	○	○	○	○	○	○
Circuit board	○	○	○	○	○	○
Metal	×	○	○	○	○	○
Cable	○	○	○	○	○	○

This table is compiled according to the stipulation of SJ/T 11364.

○: refers to the condition that the content of the hazardous substance in all homogeneous materials is within the limitation of GB/T26572 requirements.

×: refers to the condition that the content of the hazardous substance in one homogeneous material of the component exceeds the limitation of GB/T26572 requirements.

IX. Contact Us



WeChat official of UBTECH Service (scan the QR code to follow the official)

X. Warranty Services

(1) Warranty Policy

1. If the product has a non-human performance failure that is in line with the *Performance Failure Table of the Ulyte*, within 30 natural days from the date of purchase, you can enjoy repair, replacement and refund services for free after detection and confirmation by UBTECH after-sales service center.

2. If the device has a non-human performance failure that is in line with the Performance Failure Table of the Ulyte within 12 months from the date of purchase, you can enjoy repair services for free after detection and confirmation by UBTECH after-sales service center.

Notes: Please supply a complete set of items for return and exchange of Ulyte, including a complete set of packing boxes, the device and all of its spare parts, gifts (if any), etc.

(2) Performance Failure Table of Ulyte

Product Name	Performance Failure List
Ulyte	The device cannot turn on or turn off normally
	The buttons and screen are inoperable and unresponsive.
	Unable to use the camera shooting and video record functions
	The stabilizer is unbalanced and unable to function properly
	The product cannot charge properly
	Obvious manufacturing defects are found when the device is not in use

(3) Warranty Period

Product Type	Warranty Period
Ulyte	12 months
Accessories such as USB cable, hand	No warranty period

rope, flannelette bag	
-----------------------	--

Warranty period may vary according to local laws and regulations.

(4) Non-warranty Regulations

1. Unauthorized maintenance, misuse, collision, abuse, infusion, accident, modification, incorrect use of other parts, or tear and change labels and security marks are all grounds for voiding the warranty.
2. The expiry date of warranty services has been exceeded;
3. Damage caused by force majeure;
4. The failure does not correspond to the information in the Ulyte Performance Failure Table;
5. Due to human reasons, the product and its accessories have performance faults listed in Ulyte Performance Failure Table.

(5) The Product's Warranty Card

1. User Information

Name

Contact

E-mail

Address

Zip Code

2. Product Information

Product Name

Product Model

Purchase Date

Serial Number

3. Maintenance Records

The 1 st repair	Date of the first repair	
	Description of the fault, its causes, and the outcome of the treatment	
	Date of delivery	Name of maintenance center/signature of maintenance personnel

Maintenance Unit

Description:

1. Please take good care of this certificate, which is required for after-sale service.
2. Please read the warranty terms carefully before using Ulyte.

XI. Certification Warning

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.

Any 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.

SAR tests are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands, although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value.

Before a new model device is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each device are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC.