EYGE onkey
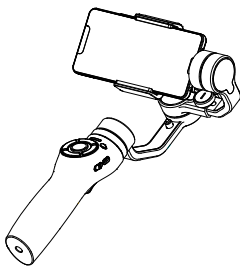
3-axis stabilized handheld
gimbal for smartphone

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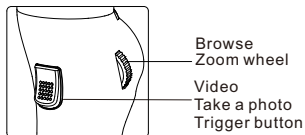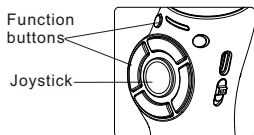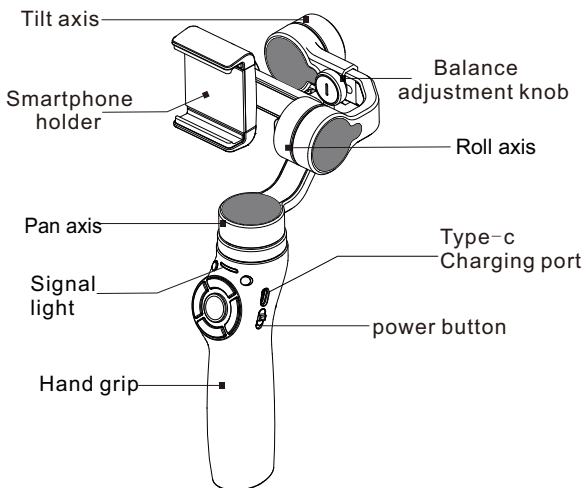
Included items

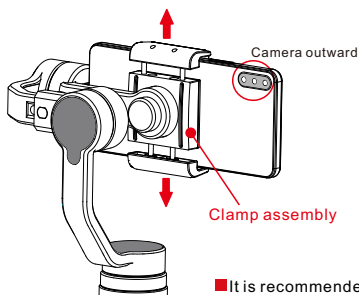Tripod

Micro USB cable

Wrist strap

Box

1

- - - - - - - - - - - - - - - - - - -

Pull the clamp open into the phone and hold it close.

Before the stabilizer is turned on, the clamp assembly
is symmetric with the left and right sides of the mobile phone.

Be sure to adjust your phone to balance, otherwise it will
affect performance.

Camera outward

Clamp assembly

■ It is recommended to remove
your phone case

Balance adjustment -

Optimal balance
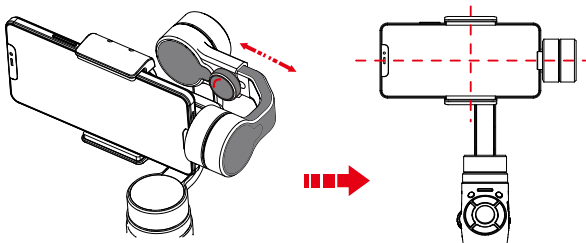
Loosen the balance adjustment knob and fine-tune the
pitch axis to the left and right to adjust to the best bala
-nce state, then tighten the knob.

⚠ The phone balances power, otherwise the motor consumes more power.

When you need to place a tabletop video, turn the tripod clockwise into the 1/4 screw on the bottom of the handle to open the tripod.
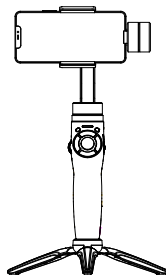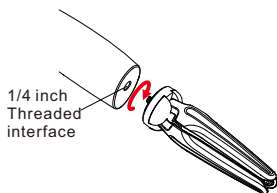
1/4 inch
Threaded
interface

■Tripod fully open

❶ menu /return key $\textcircled{\equiv}$

In the APP interface, click to enter the parameter selection menu.

In the parameter adjustment menu, the scroll wheel sets the parameters.

❷ Auxiliary light button $\dot{\varphi}$

Long press to turn the fill light on or off

❸ Exposure compensation $\overline{\boxed{}}$

Click to enter the exposure compensation adjustment state（EV）
Rolling pulley adjustment parameters

❹ Album button $\boxed{\wedge}$

Click into the album folder and scroll through the photos or videos

3

❺ Lens switching ⟳

Click to switch the camera front and rear lens

❻ Mode switching ⊞ (Signal color discrimination)

red light（Boot default）----- Panning mode
Green light（Press 1 time）---lock mode
Blue light（Press 2 time）---follow mode

❼ Camera button

Click: take a photo
Double click: start recording / end recording

❽ Zoom/view pulley

Rolling pulley to adjust the lens zoom of the phone
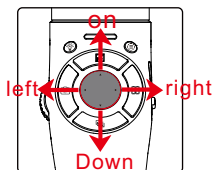Press the album button, scroll the wheel to browse the album

❾ power button

on:open/under:turn off

Joystick control

Rocker action	Control angle	mode
on、Down	Pitch angle	Panning mode
on.Down.left.right	Pitch,heading	Lock mode
Uncontrollable	no	follow mode

Panning mode
The pitch axis is controlled and the lens rotates in the direction of the handle rotation

Lock mode
The direction of the roll axis is unchanged, and the lens rotates following the direction of rotation of the handle

follow mode
The 3 axes are not controlled by the joystick, and the lens rotates following the direction of rotation of the handle

Remarks : Rocker control is called lock
Uncontrolled is to follow

Panning mode   **Lock mode**   **follow mode**
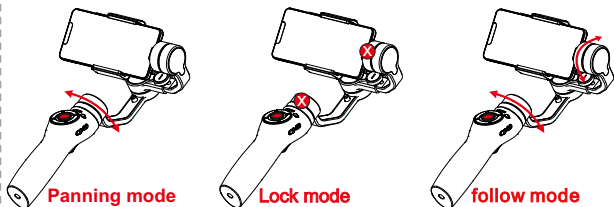
Lamp description

Lamp status	Mode/status
Constantly bright	Lock mode / initialization
Blue keeps flashing	Roll angle adjustment initialization failed/error occured

■ When the stabilizer is not in use or placed at rest, make sure the power is off.

5

Fast standby

Manually rotate the roll arm down to recover
when the power is on
And snap into the buckle, the stabilizer will
automatically enter the standby state, heavy
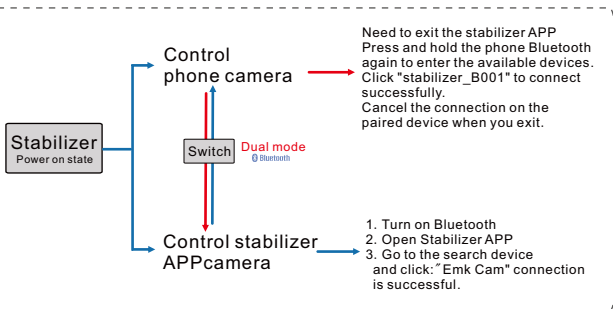It is necessary to manually push the roll shaft
out of the buckle in advance when starting up.
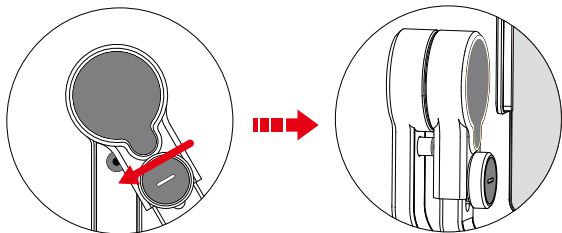
Bluetooth function

```
Stabilizer          ──→  Control           Need to exit the stabilizer APP
Power on state           phone camera      Press and hold the phone Bluetooth
                                           again to enter the available devices.
            Switch  Dual mode              Click "stabilizer_B001" to connect
                    Bluetooth              successfully.
                                           Cancel the connection on the
                                           paired device when you exit.

                    ──→  Control stabilizer    1. Turn on Bluetooth
                         APPcamera             2. Open Stabilizer APP
                                               3. Go to the search device
                                                  and click:"Emk Cam" connection
                                                  is successful.
```
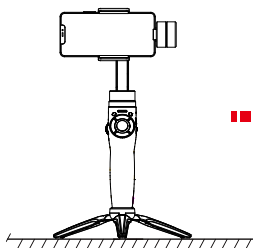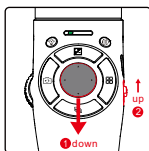
Initialization calibration is required when the stabilizer is:
- After starting, the phone is not horizontally angled
- Use ambient temperature changes vary greatly
- Small angle adjustment in the horizontal direction at rest

up
②

①down

The rocker goes down, then turns it on again, the joystick continues to hold
After about 2 seconds down, click the camera button. The blue light flashes.
Indicates that calibration is started. The gimbal is stationary for about 10 seconds.
If the blue light is always on, the calibration is successful, otherwise it fails.
After the calibration is completed, shut down and restart.

First, put it on the plane, the phone is in balance

parameter

123

95

306

97

Tensile(max)

168

38

46
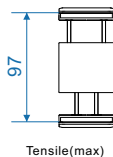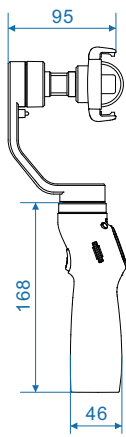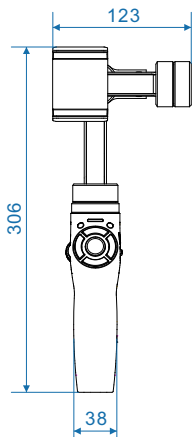
unit:mm

product name	Mobile phone stabilizer
Max panning range	300°
Max rolling range	240°
Max tilting range	240°
Cross arm adjustment distance	10mm
battery capacity	2500*2mAh(Li-ion)
Charging voltage	5V
Operating Voltage	7.4V
Operating time	15H
Operating temperature	-10°C~45°C
Adaption phone	smart phone
Weight	495g

Precautions -

- Please use the charger that meets the safety regulations to charge
- Falling or being hit by an external force may damage the machine. Be careful.
- Sand and water can cause machine motor failure, please be careful.
- When using, do not interfere with the operation of the machine by external force.
- Do not wash near liquid or with liquid cleaning agent
- Do not disassemble or modify the machine yourself.
- This product is not suitable for children
- Do not approach high temperature objects

Warranty regulations - - - - - - - - - - - - - - - -

- Within 10 days from the date of receipt, there is a performance failure and you can enjoy return or exchange service.
- The warranty period is one year from the date of sale and the free repair service provided by the company can be obtained.
- Ingress of water and sand or other improper use of damage is not covered by free maintenance.
- Unauthorized disassembly, modification is not covered by the warranty.

Warning and disclaimer

Any illegal use by any user is prohibited and the user will be responsible for all actions to purchase and use the product.
For this product, the company does not bear the risk of debugging and using the product by the end customer.
And liability (including direct, indirect or third party damage).
We will not provide any services for any products obtained from unusable channels or for unknown purposes.
Due to upgrades and changes in the firmware of the product, it is possible that the functions described in this manual have changed.
Please read the upgrade instructions carefully before upgrading the firmware. Please use the corresponding manual.
The company reserves all powers of interpretation.

APP download and firmware upgrade

QR code	QR code
Android	ios

1. Android users please use the browser to scan the QR code plugin to download
2. IOS users can search for "EMK for Mobile" in the App Store
3. Firmware upgrade can be upgraded via EMK App

EMK onkey

FCC Statement

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.

To assure continued compliance, any changes or modifications not expressly approved by the party.

Responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).

This equipment 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.

RF warning statement:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

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