

3-AXIS SMARTPHONE STABILIZER REMOTE CONTROL



Smart V3

Product Overview

AOCHUAN Smart V3 is a three-axis smartphone stabilizer that is feature-rich and easy to operate. Pairing your phone with the stabilizer helps you capture stable and smooth motion footage, achieving effects like Inception and various camera movements. Additionally, through the AOCHUAN official APP, you can experience more creative functions such as smart tracking, gesture control, master camera movements, panoramic shooting, and more.

■ Product List:

- Smartphone Stabilizer x1
- AI Tracking Dimmable Fill Light x1
- Type-C Charging Cable x1
- User Manual x1



First Use

Smart V3 has a built-in lithium-ion battery. Before first use, please charge the device. You can use the included charging cable or any Type-C charging cable to charge the stabilizer.

■ Gimbal Battery Indicator Explanation:

Green Light Steady: Battery at 30%-100%

Red Light Steady: Battery below 30%

■ Charging Explanation:

Gimbal Charging:

Red Light Flashing

Gimbal Fully Charged:

Green Light Steady



To ensure battery safety and performance, the device is shipped in a partially charged state by default. If the device remains in storage mode after powering on, it will automatically shut down after 5 minutes to save power.

Quick Start Guide

- 1 Hold the device with both hands and pull up directly to unfold the arm pole.



- 2 Press the bottom of the device to open the tripod and place the device on a level surface.

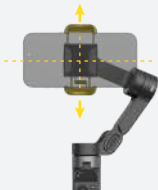


Quick Start Guide

- 3 Shape the device into a "7" form, with the phone clamp buckle on top.



- 4 Pull open the phone clamp to secure the phone, and push the phone left and right to roughly center it.



Quick Start Guide

- 5 Long press the power button to turn on; double-click to quickly recenter the phone.



- 6 Turn on phone Bluetooth, connect to "Smart_V3" Bluetooth, and it's ready to use.



Mode Explanation

Smart V3 uses a three-axis anti-shake design, achieving more professional shooting effects through different operating states of the roll axis, tilt axis, and pan axis motors. During use, all three axes can rotate, which is normal.

■ PF Mode

In PF mode, the stabilizer's pan axis is movable, while the tilt and roll axes are locked. When turning the handle left or right, the phone follows. Suitable for shooting horizontal left-right panning shots.



Mode Explanation

■ F Mode

In F mode, the stabilizer's pan and tilt axes are movable, roll axis locked. When turning the stabilizer handle left/right or up/down, the phone follows. Suitable for shooting left-right panning shots, upward shots, downward shots, and other movements.



■ L Mode

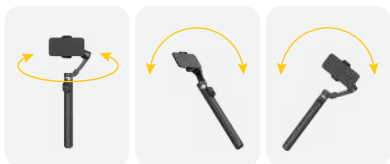
In L mode, all three axes of the stabilizer are locked. Suitable for shooting push-pull movements or translation follow shots.



Mode Explanation

■ POV Mode

In POV mode, all three axes of the stabilizer are unlocked. When rotating the stabilizer handle 360° (including left/right, up/down, or any tilt angle), the phone follows. Suitable for any angle movements.



■ DM Mode

Upon entering DM mode, the phone automatically rotates 180 degrees and recenters. Suitable for shooting cool Inception movie effects.



Mode Explanation

■ S Mode

Sport mode, with the same movement direction as F mode, but stronger motor force. Suitable for shooting fast transition movements.



Device Parameters

Product size	437*139*82mm (Unfolded)
	330*112*44mm (folded)
Product Weight	597.3g (without AI module)
Extension Pole Maximum Stretch Length	130cm
Ground Unfolded Size	180cm (including phone height)
Load Capacity	<330g (Without Using Extension Pole)
Working Time	7.5 Hours (Standby)
Charging Time	About 2 Hours
Working Voltage	7.4V
Power Input	MAX: DC 5V@1A
Working Temperature	-10°C~55°C
Lithium-Ion Battery	7.4V/800mAh
Applicable Phone Width	55-85mm
Applicable Phone Thickness	<10.5mm
Mechanical Pan Angle	360°

Device Parameters

Mechanical Tilt Angle	345°
Mechanical Roll Angle	337°
Controllable Pan Angle	360° Horizontal Rotation
Controllable Tilt Angle	63°±5°
Controllable Roll Angle	260°±5°
Remote Control Battery Capacity	3.7V / 150mAh
Remote Control Charging Input	Max: DC 5V@75mA
Remote Control Charging Time	Approximately 2 Hours
Remote Control Battery Life	Approximately 12 Hours of Continuous Use
Remote Control Distance	10 Meters

*The above data are laboratory test data. Under different test conditions, there may be different errors, please refer to the experience of the actual item.

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Getting to Know Smart V3

Magnetic
Attachment Point



Built-in Extension
Pole



Phone Clamp

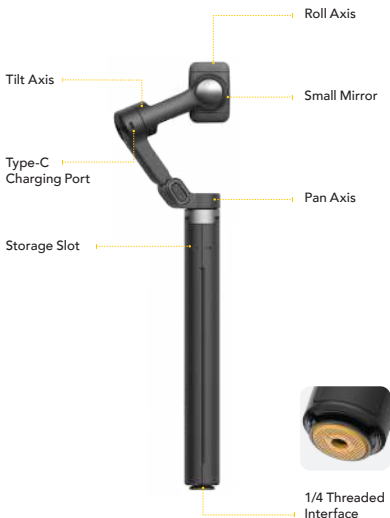
Power Button/
Gimbal Battery
Indicator



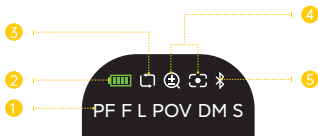
Remote Control



Getting to Know Smart V3



Remote Control Icon Explanation



1 Mode Icons:

PF/F/L/POV/DM/S Modes : White Light Steady

2 Battery Icon:



30%-100%: Green Light Steady

0-30%: Red Light Steady

Charging: Red Light Flashing

Fully Charged: Green Light Steady

3 Panoramic Shooting Icon:



Panoramic Mode: White Light Steady

Remote Control Icon Explanation

4 Zoom/Focus Icon:



Adjust Focal Length (Zoom): White Light Steady



Adjust Focus (Sharp/Blur): White Light Steady

Light Adjustment AI Module/Fill Light Mode: Both Indicator Lights Off

5 Bluetooth Icon:



Remote Pairing (Default): White Light Flashing

Remote Connected to Gimbal, Gimbal Not Connected to Phone Bluetooth: White Light Off

Remote Connected to Gimbal, Gimbal Connected to Phone Bluetooth: White Light Steady

Remote Control Button Function Explanation

Slide the remote control bottom power switch to ON; the remote enters default standby mode. Long press the shooting button for 3 seconds to power on, which also turns on the gimbal. Open phone Bluetooth settings, search and connect to "SMART_X3" Bluetooth; the remote Bluetooth indicator steady on indicates successful connection.



1 Upper Side Button

- ▲ Single Click/Long Press: Blur Image/Enlarge Image/Increase Fill Light Brightness

2 Lower Side Button

- ▼ Single Click/Long Press: Sharpen Image/Reduce Image/Decrease Fill Light Brightness

Remote Control Button Function Explanation

3 Joystick/M Button

- M** Up/Down/Left/Right Tilt: Move Up/Down/Left/Right
- Single Click: Switch PF/F/L/POV Modes
- Double Click: Phone Recenter
- Triple Click: DM Mode
- Long Press: S Mode

4 AI Button

- AI** Single Click: Enable/Disable Smart Tracking
- Double Click: Switch Zoom/Focus/Fill Light Brightness Adjustment Modes
- Triple Click: Panoramic Mode

5 Shooting Button

- Single Click: Photo/Video
- Double Click: Switch Horizontal/Vertical Screen
- Triple Click: Switch Front/Rear Camera (Requires APP Connection)
- Long Press 3 Seconds: To turn the remote control on/off

Remote Control Button Function Explanation

Power Button



Slide Switch: Power on/off the remote

Note:

When adjusting the device angle using the remote control joystick / M button, please turn off the AI Follow mode first.

If the remote control is not in use for an extended period, please switch the power button to the OFF position to cut off the power.

After the remote control is powered on and connected to the gimbal, it will automatically shut down after 20 minutes of inactivity to save battery.

If the remote control is powered on but not connected to the gimbal, it will automatically shut down after 10 minutes of inactivity to save battery. Simply turn it back on to restart.

Device Usage States

① Default State

After installing the phone and connecting Bluetooth, hold the handle to perform anti-shake shooting. Double-click the shooting button to switch horizontal/vertical screen.



② Extended State

Pull the built-in extension pole upward, then bend it to a suitable angle for extended shooting. Suitable for high-angle selfies or low-angle shots.



Device Usage States

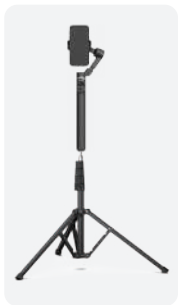
3 Desktop State

Press the bottom of the device to open the storage tripod and stand it on the desktop for shooting.



4 Ground State

For outdoor ground use, you can additionally purchase a floor tripod with 1/4 screw hole to meet more scenario needs.



APP Introduction

AOCHUAN Smart V3 supports shooting with the phone's native camera and can be used with the APOCHUAN APP to explore more creative features.

1. Download APP

Please scan the QR code below or search for "AOCHUAN" in the phone app store to download the official APP.

Available for both Android and iOS phones.

Scan to Download APOCHUAN
Official APP

APP Name: APOCHUAN



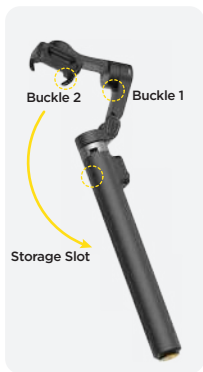
2. Connect APP

1. After installing the phone, long press the stabilizer power button to turn on;
2. Turn on phone Bluetooth;
3. Open APOCHUAN APP; the software will automatically search for device Bluetooth and connect according to prompts;
4. Stabilizer Bluetooth icon lighting up indicates successful connection. After successful connection, all APP functions can be used.

Stabilizer Storage

Smart V3 body is a foldable design, convenient for storage and carrying after folding.

Please fold the device when powered off, with the extension pole and tripod fully retracted. Hold the device, adjust the stabilizer to the state shown in the figure below, ensure buckle 1 is properly fastened, then fold the gimbal downward, ensure buckle 2 is properly inserted into the body to complete storage.



■ FCC ID

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.

Note:

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.

FCC Radiation Exposure statement

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