FeiyuTech VB4 Smartphone Stabilizer Face Tracking User Guide

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* This product does NOT include smartphone.
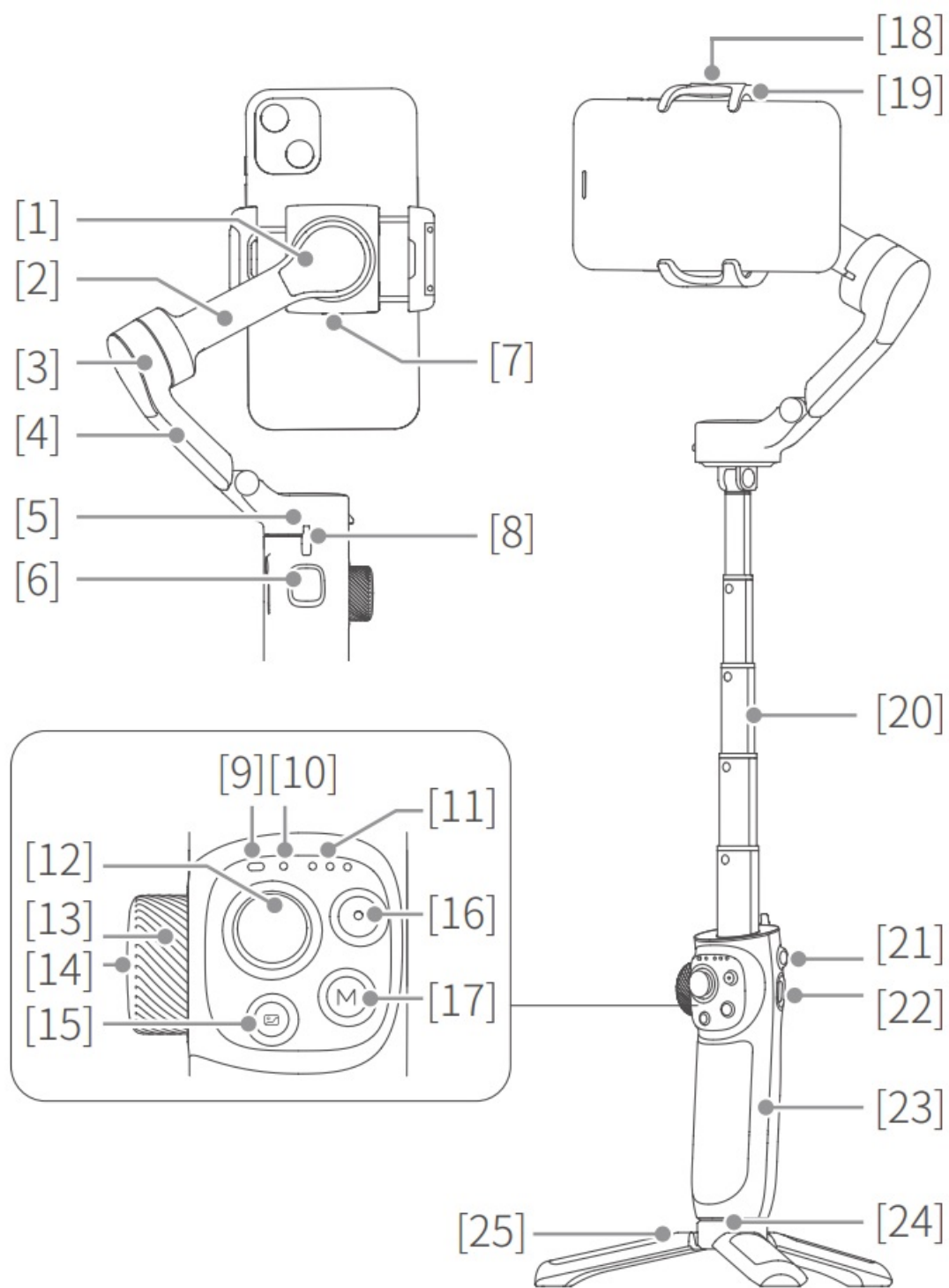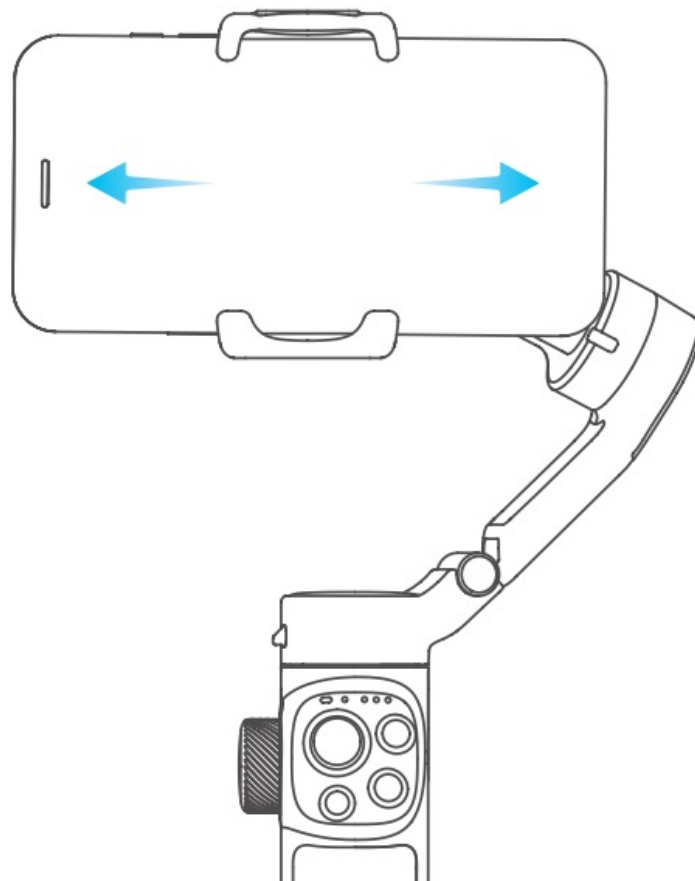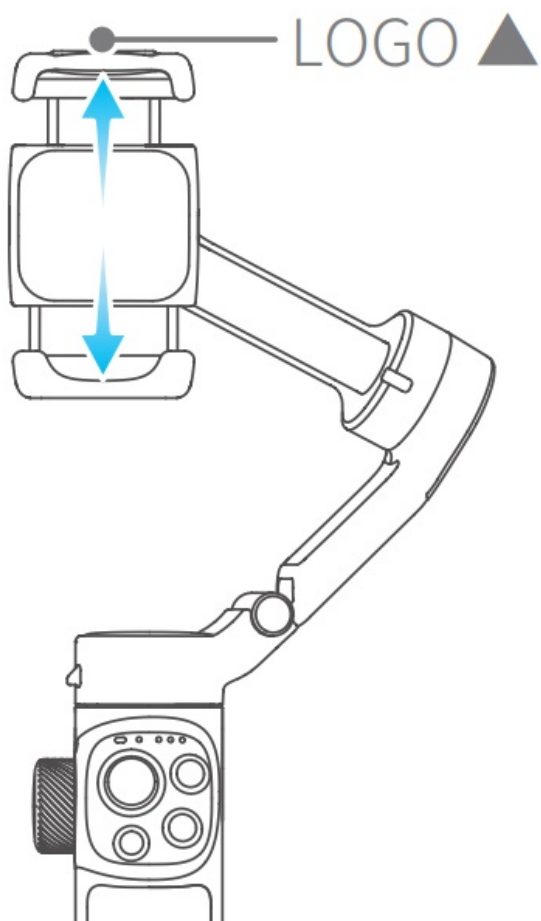
Quick Experience

Step 1: Unfold and fold
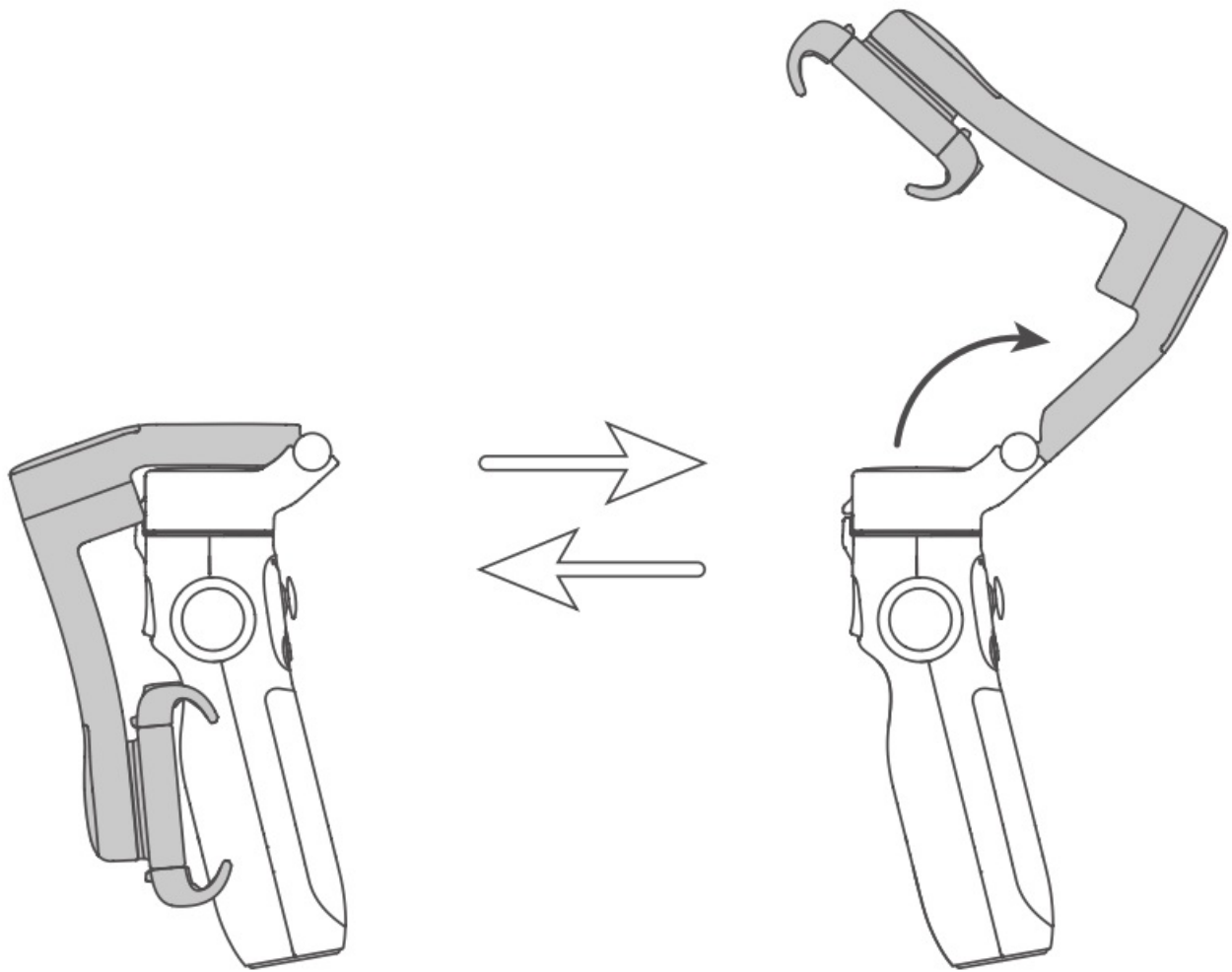
Step 2: Smartphone Installation

It is recommended to remove the smartphone case before installation.

Keep the logo of the smartphone holder upward. Keep the smartphone holder in center.
If the smartphone tilted, please move the smartphone left or right to make it horizontal.

Step 3: Power ON/OFF/Standby

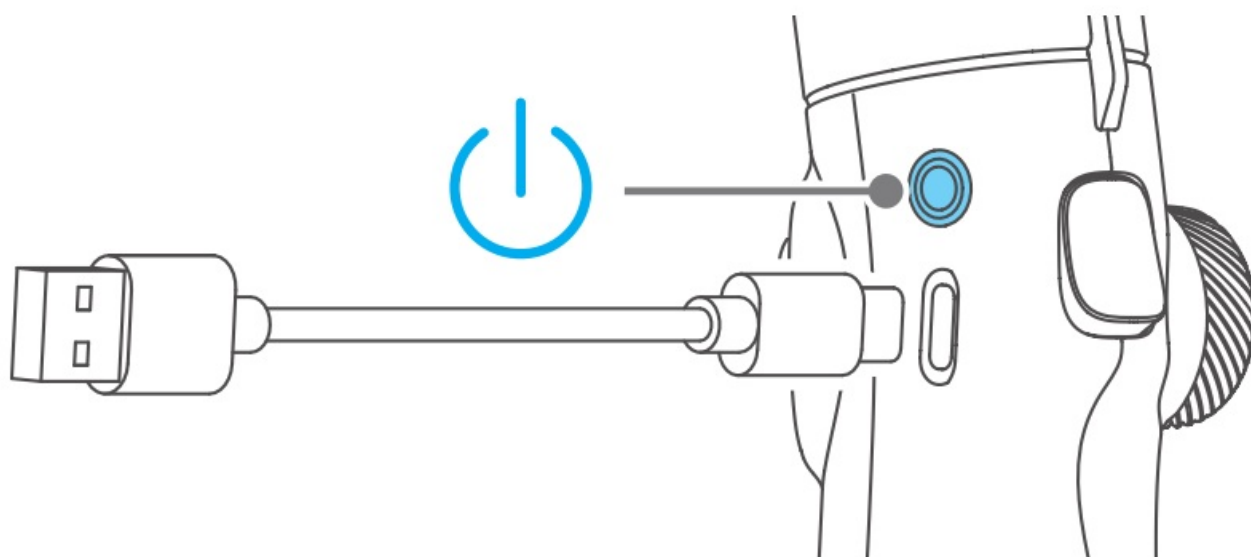It is recommended to install your smartphone and balance gimbal before power on the gimbal.
Power ON/OFF: Long press the power button and release it when you hear the tone.
Enter standby mode: Double tap the power button to enter standby mode. Tap again to wake up.

Charging

Please fully charge the battery before power on the gimbal for the first time.

Connect the USB-C cable to charge.

Landscape & Portrait Mode Switching

Double click the M button or manually rotate the smartphone holder to switch between landscape and portrait mode.
Do not make anti-clockwise rotation in landscape mode, Do not make clockwise rotation in portrait mode.
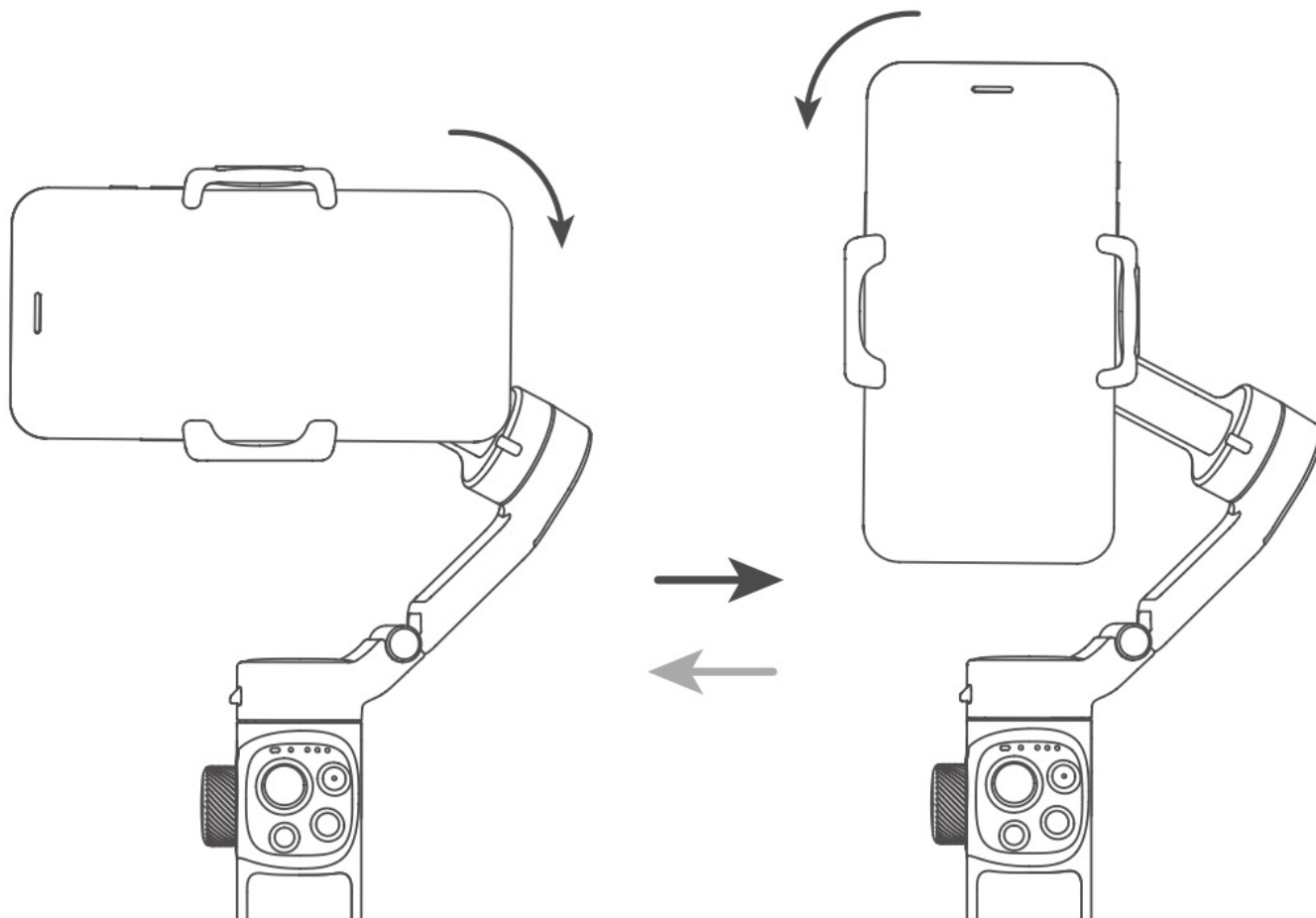
Tripod

The tripod is attached to the bottom of the gimbal in a rotating manner. According to the needs of shooting, choose whether to install it.

Extend and Reset the Handle
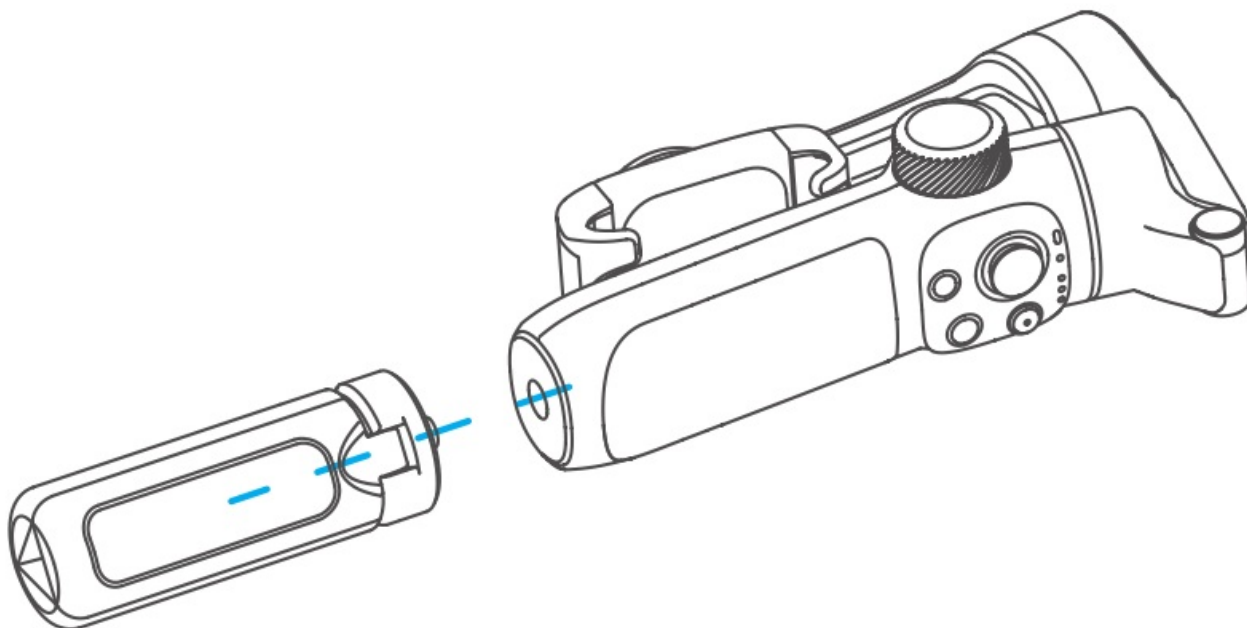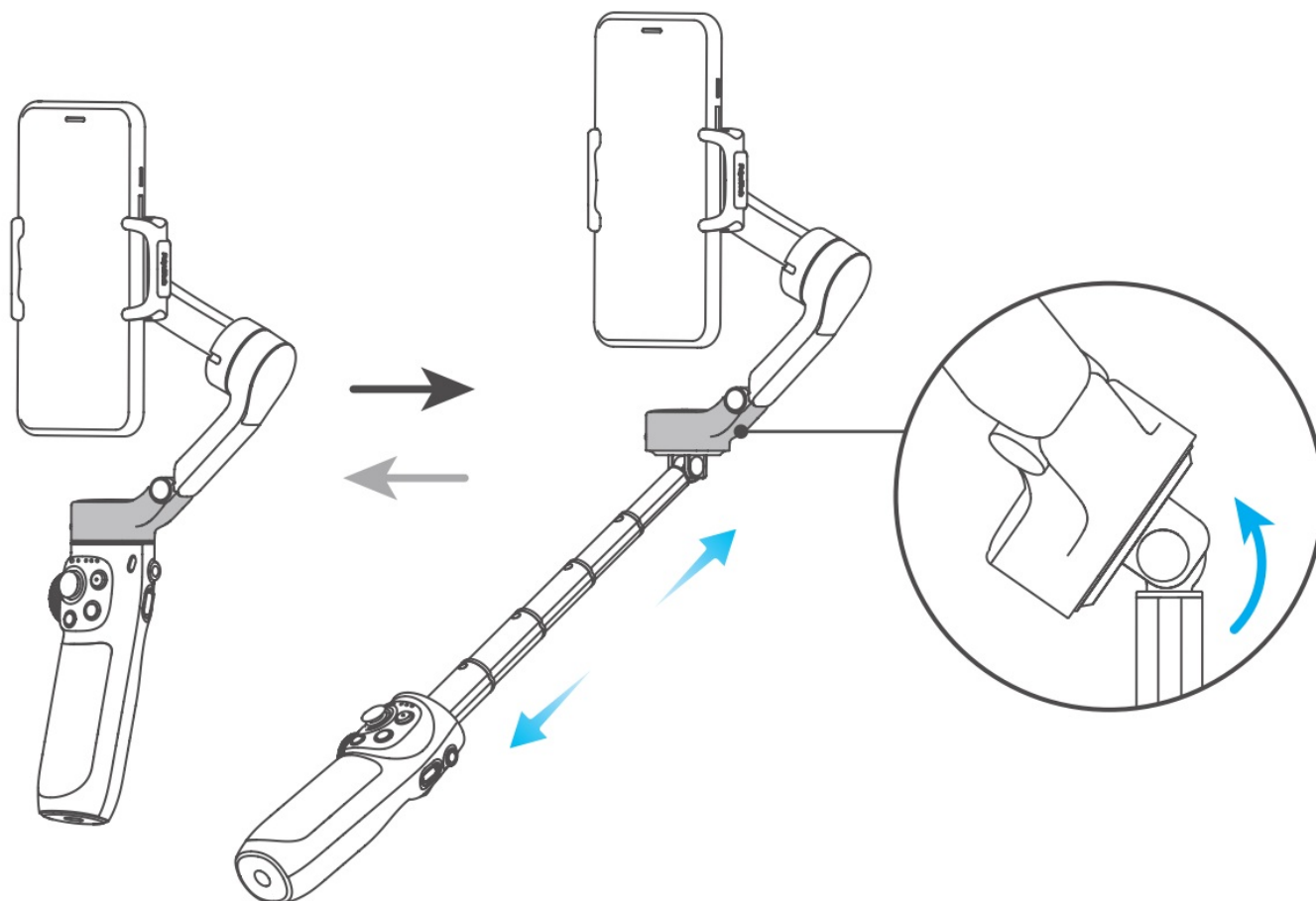
Hold the handle with one hand, hold the bottom of pan axis with other hand.
Extending: Pull the extendable rod out to suitable length.
Reset: Push upper grip to make the extendable bar down to handle part.

Connection

Bluetooth Connection

Turn on the gimbal.
Method one: Download and install Feiyu ON App, run the App, follow the prompts to turn on and connect with the Bluetooth.
Method two: Turn on the smartphone Bluetooth, connect the gimbal Bluetooth in the setting of phone, e.g. FY_VB4_XX.

If fail to find the Bluetooth:
Method one: Shut down the App in the background.
Method two: Move downward the joystick and triple tap the power button at the same time to reset the Bluetooth connection of gimbal. (And the Bluetooth can only be reconnected after reboot the gimbal)

App Connection

Download the Feiyu ON App
Scan the QR code to download the app, or search for "Feiyu ON" in the App Store or Google Play.
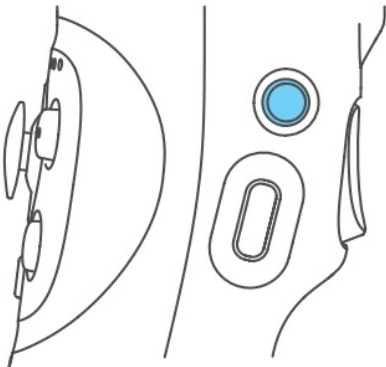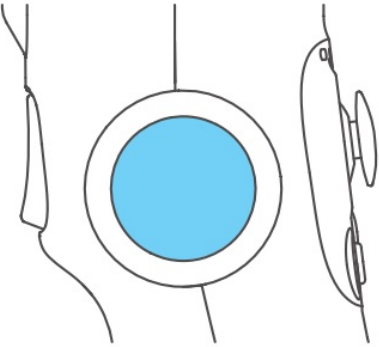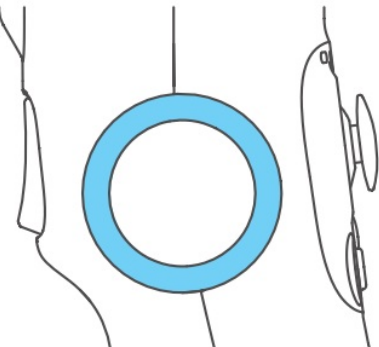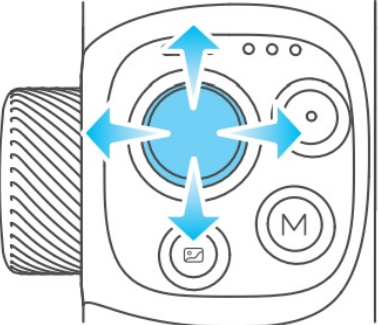* Requires iOS 12.0 or above, Android 8.0 or above.

- iOS
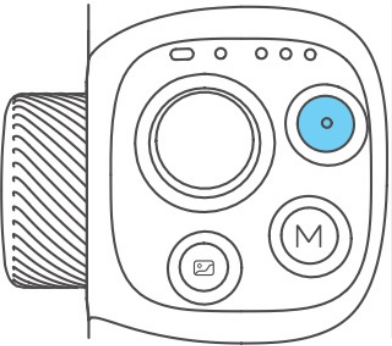
- Android
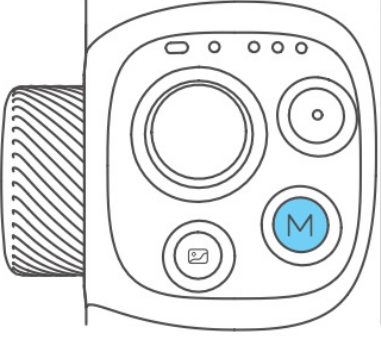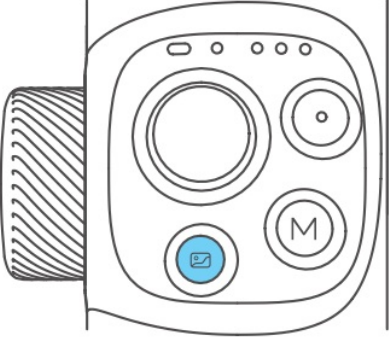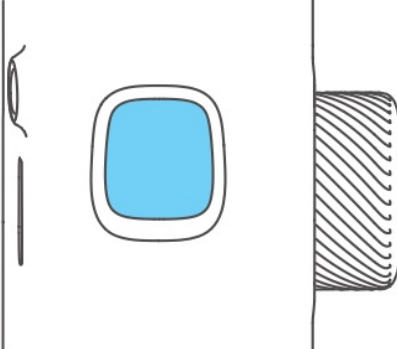
Common Operation

① Basic : VB 4 can achieve those functions after balanced gimbal.

② Bluetooth : New available function which achieved after connected smartphone via Bluetooth with the functions in condition ① still available.

③ App : New available function which achieved via Feiyu ON App with the functions in condition ① , ② still available.

Button	Condition	Function
Power button	Basic	Power off: - Long press: power on - Single tap: check battery level Power on: - Long press: power off - Double tap: enter standby mode (tap again to wake up)
	App	Single tap: enter/quit shortcut menu in App

Knob function switching button	Basic	Switch the control object of dial: • Single tap (tone: beep): When control zoom/focus: switch the control object of dial between focus/zoom (default) cyclically When control axes: switch the control object of dial among tilt/pan/roll (default) axis cyclically • Long press (tone: beep beep): switch the dial between control axes/control focus and zoom (default)
Knob	Basic	• Rotate: When control focus/zoom: control focus/zoom (default) When control axes: control the movement of the roll (default)/tilt/pan axis
Joystick	Basic	Control the movement of the tilt and pan axes
	App	Select setting option • After enter album: move to left to choose previous photo/video; move to right to choose next photo/video; move upward to play/pause; move downward to play/pause
Shutter button	Bluetooth	When original camera App is in photo mode: • Press half way: focus • Single tap (fully): take photo When original camera App is in video mode: • Single tap (fully): start/stop recording
	App	In photo mode: • Press half way: focus • Single tap (fully): take photo In video mode: • Press half way: pause/continue recording • Single tap (fully): start/stop recording

		Single tap: switch among pan follow/ all follow/follow mode (defaul) cyclically
M button	Basic	• Double tap: landscape and portrait mode switching
	App	Customize the function of single tap
Album button	App	Single tap: enter/exit album
Trigger button	Basic	Long press: lock mode (release it to exit) • Double tap: recenter
	App	Single tap: start AI face tracking • Triple tap: switch front/rear camera • Customize the function of single tap/long press

Indicator

Bluetooth indicator — Follow status indicator (P)
Status/Battery indicator — Follow status indicator (T)
Follow status indicator (R)
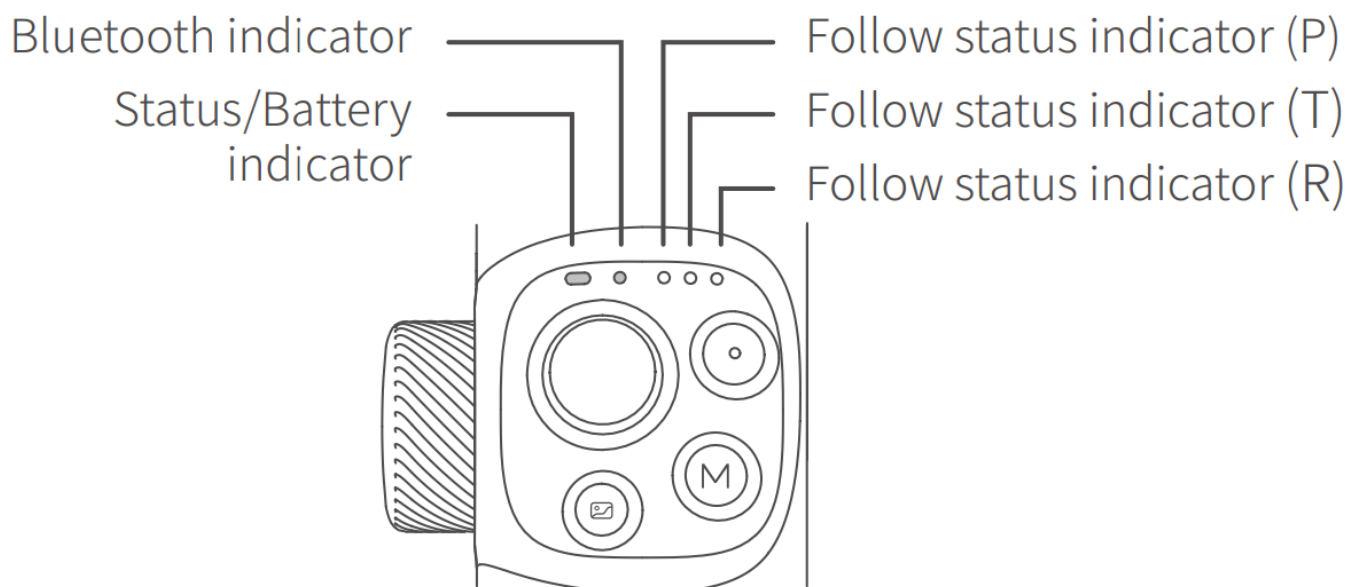
Status/Battery indicator

Indicator while charging:

Status/Battery indicator	Descriptions
Green light stays on	Charge completed
Yellow light stays on	Charging
Flashes yellow and red alternately	Low power
Red light keeps flashing quickly	Low power, will auto power of
Breathing light (Yellow)	Standby mode
Green light stays on	High level of battery
Blue light stays on	Medium level of battery
Red light keeps flashing slowly	Low power
Red light keeps flashing quickly	Low power, will auto power of
Breathing light (Green)	Standby mode

Bluetooth indicator

Bluetooth indicator	Descriptions
Blue light stays on	Bluetooth connected
Blue light flash	Bluetooth disconnected/ Bluetooth connected, App dis connected
Blue light keeps flashing quickly	Reset Bluetooth connection of gimbal

Follow status indicator

Follow status indicator	Descriptions
White lights turn on in turn then grow solid white	Powering on
P T R -Ö- ◯ ◯	Pan follow
P T R -Ö- -Ö- ◯	Follow mode (defaul)
P T R -Ö- -Ö- -Ö-	All follow mode
P T R ◯ ◯ ◯	Lock mode

Figure: -Ö- Light on ◯ Light of

Specifications

Product name: Feiyu VB 4 3-Axis Handheld Gimbal for **Smartphone**
Product model: FeiyuVB4
Max. Tilt Range: -20° ~ +35° (±3°)

Max. Roll Range: -60° ~ +60° (±3°)
Max. Pan Range: -80° ~ +185° (±3°)
Size: About 98.5×159.5×52.8mm (folded)
Net gimbal Weight: About 335g (not including tripod)
Battery: 950mAh
Charging time: ≤ 2.5h
Battery Life: ≤ 6.5h (test in lab environment with 205g load)
Payload Capability: ≤ 260g (after balanced)
Adapter smartphones: iPhone & Android phones (the width of the phone ≤ 88mm)

Packing list:

- Main body×1,
- Tripod×1,
- USB-C cable×1,
- Portable bag×1,
- Manual×1

Notice:

1. Make sure motor spinning is not blocked by external force when the product is power on.
2. The product DO NOT contact water or other liquid if the product is not mark waterproof or splash-proof. Waterproof and splash-proof product DO NOT contact sea water or other corrosive liquid.
3. DO NOT disassembly the product except marked detachable. It need send to FeiyuTech after-sales or authorized service center to fix it if you accidently disassembly and cause abnormal work. The relevant costs are borne by user.
4. Prolonged continuous operation may cause the product surface temperature to rise, please operate carefully.
5. DO NOT drop or strike the product. If the product is abnormal, contact FeiyuTech after-sales support.

Storage and Maintenance:

1. Keep the product out of the reach of children and pets.
2. DO NOT leave the product near heat sources such as a furnace or heater. DO NOT leave the product inside of a
   vehicle on hot days.
3. Please storage the product in dry environment.
4. DO NOT overcharge or overuse the battery, otherwise it will cause damage to the battery core.
5. Never use the product when the temperature is too high or too low.

FCC Regulatory Conformance

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.
2. This device must accept any interference received, including interference that may cause undesired operation.

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.

NOTE:

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

RF Exposure:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

Official Social Media

- Website

- Facebook

- Youtube

- Twitter

- Instagram

This document is subject to change without notice.

The latest user manual.

Customer Support

VB 4

Documents / Resources

	FeiyuTech VB4 Smartphone Stabilizer Face Tracking [pdf] User Guide VB4 Smartphone Stabilizer Face Tracking, VB4, Smartphone Stabilizer Face Tracking, Stabilizer Face Tracking, Face Tracking

References

- **FeiyuTech - Official Website**
- **-**
- **After sales service--FeiyuTech**
- **User Manual**