

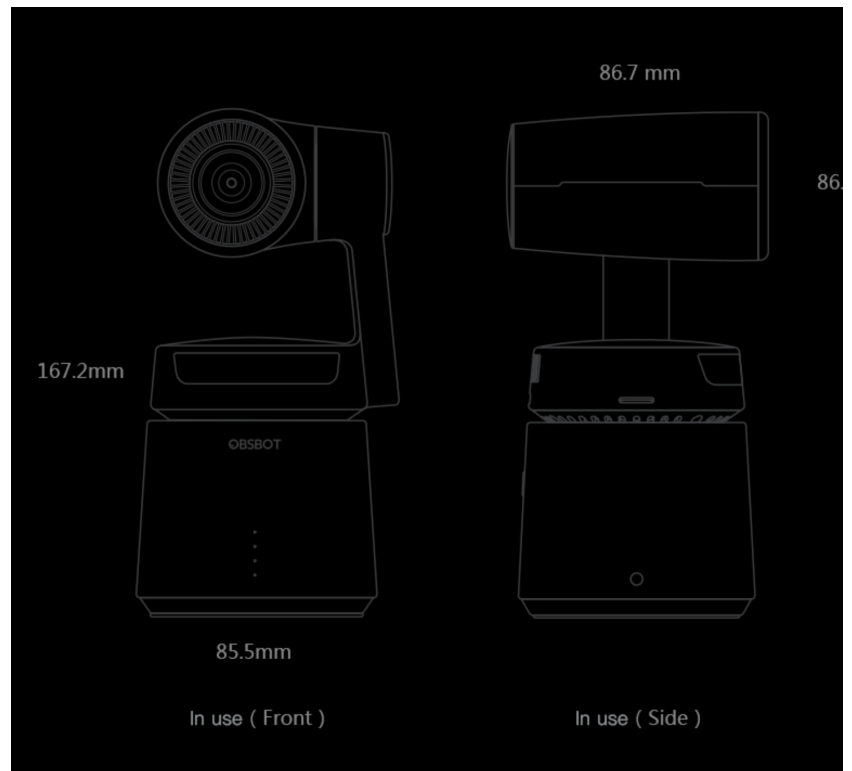
Appearance

OBSBOT Tail
Black / Red



Dimensions & Weight¹

Open State:
167.2 x 86.7 x
85.5mm
Close State:
185.7 x 86.7 x
85.5mm
Weight: 610g
(with battery)



AI chip

Architectural capability
5TOPS

Camera

Camera model: F126S
Image sensor: 1/2.3" CMOS SENSOR
Macro pixel: 1.55um
Effective pixels: 12.40MP
Effective pixel resolution: 12MP
Lens system: 10 optical lens sets (including 4 HOYA aspherical optical lenses)
Zoom range: 3.5x optical zoom, 10x hybrid zoom, 21-74mm equivalent focal length
ISO range: 100-6400
Electronic shutter speed: 1/8000-1/30 (Follow-up support for long exposure)
Focus: AFS, AFC

Video shooting

Video resolution:
4K Video 60/50/48/30/25/24 fps
2.7K Video 60/50/48/30/25/24 fps
1080p Video 60/50/48/30/25/24 fps
720p Slow motion 240/120 fps
1080p Slow motion 240/120 fps
Recording modes: Normal video, slow motion, time lapse, and smart shooting
Video coding: H264, H265
Max video storage bit rate: H264: 80Mbps, H265: 80Mbps
Video format: MP4
Audio input (Analog AI3: B41MIC)

3-axis gimbal

Angle Jitter: $\pm 0.05^\circ$

Gimbal installation: Non-removable

Controllable range: Pan: Unrestricted; Tilt: $-50^\circ \sim +50^\circ$; Roll: $-45^\circ \sim +135^\circ$

Structurally possible range: Pan: Unrestricted; Tilt: $-90^\circ \sim +90^\circ$; Roll: $-135^\circ \sim +135^\circ$

Max control speed: Pan 180°/s

Wi-Fi

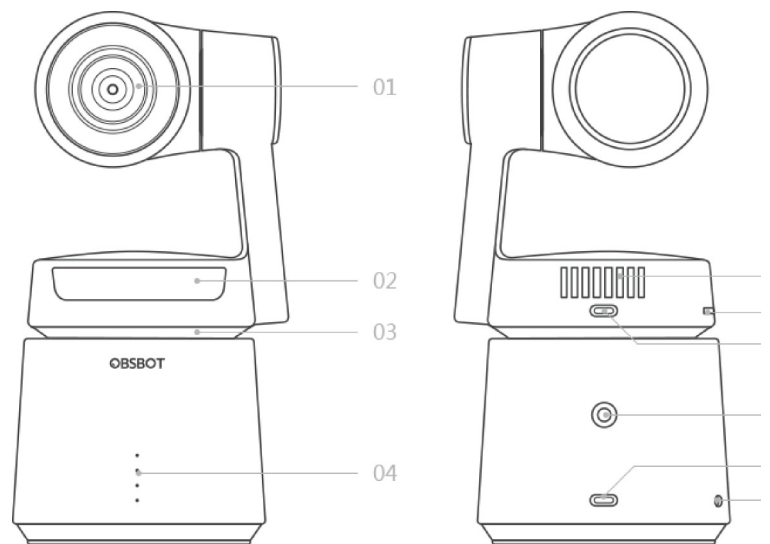
Operating frequency: 2.4G/5.8GHZ

Signal transmission range: 2.4G 80m, 5.8G 140m

Transmission power: 2.4G 14dBm, 5.8G 13dBm

Outer charging port & Contact interface

- 01 Lens
- 02 Camera indicator
- 03 Cooling intake
- 04 Battery indicator
- 05 Cooling outlet
- 06 Micro SD slot
- 07 Type-C data port
- 08 Power/Status button
- 09 Magnetic charging port
- 10 Microphone port
- 11 UNC1/4-20 nut connection
- 12 Electrical contact interface



Charger & Battery²

Charger model: A824A

Input: 100-240V, 50/60Hz

Output: 5V3A, 9V2A, 12V1.5A

Quick charge protocol: Qualcomm QC Fast Charge Protocol 2.0 and above

Charging time: Fast charging (12V/1.5A) - 90 minutes, standard charging (5V / 2A) - 160 min

Battery mode: OBS-LI-TWS-0001

Battery type: LiPo

Battery capacity: 1850mAh

Battery energy: 20.54Wh

Battery voltage: 11.1V

Battery life:

4KP60: 95min

4KP30: 111min

1080P60: 100min

1080P30: 120min

Less than 5% power,

OBSBOT will automatically enter the shutdown protection state.

Auxiliary functions

Power gesture, Launch pad auxiliary operation (supported in APP)

Auxiliary app³



Obsbot Studio

Support download system: iOS9.0 or Android6.0 and above

Memory card type

Support type: Micro SD, Class10 and above or UHS-1rating, write speed \geq 15MB/s, maximum

Operating environment

Camera working environment temperature: 0°C-40°C

Battery charging ambient temperature: 0°C-40°C

Battery operating ambient temperature: 0°C-40°C

Voice version

Language: English, Chinese(Simplified)

Package content

OBSBOT Tail camera x1
Type-C charging cable x1
Equipment storage box x1
Quick start guide x1
Warranty card x1

1: Actual size and weight may vary depending on configuration and manufacturing process.

2: All battery performance information depends on camera AI settings and many other factors, and actual results may vary. Battery life and number of charge cycles may vary dep

3: Availability and price of applications and services may change.

OBSBOT | TAIL
Auto-Director AI Camera



 AI Tracking

 Intelligent Composition

 Power Gesture

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