

**OBSBOT**  
**Tiny 2 Control**  
**PTZ, AI Tracking**  
**Multi-Mode Camera**



# OBSBOT Tiny 2 Control PTZ, AI Tracking Multi-Mode Camera User Manual

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**OBSBOT Tiny 2 Control PTZ, AI Tracking Multi-Mode Camera**



## Reading Guide

### Note

- Important consideration

### Recommendation

We recommend that users watch tutorial videos and read the user manual first to understand the usage process.

<https://www.obsbot.com/download>



### Tutorial Video

Users can access and watch tutorial videos through the following link and QR code to learn how to use the product correctly. <https://www.obsbot.com/explore/obsbot-tiny-2>

## Overview

### About Tiny 2

OBSBOT Tiny 2 is an AI-powered PTZ webcam equipped with a two-axis gimbal. It further innovates the algorithm technology, adds a variety of intelligent shooting modes, and is supplemented by a variety of gesture control and voice control functions to meet users' needs from different scenarios. OBSBOT Tiny 2 is connected to the computer via USB, plug-and-play. It also comes with OBSBOT Center software to expand more advanced functions.

- **Connecting Suggestions: USB 3.0 Port**

If the following phenomena occur when using the OBSBOT Tiny 2 for the first time: screen delay/lag/flash, device automatic reset and restart, your Tiny 2 may be connected to a USB 2.0 port. Please switch to a USB 3.0 port to ensure normal operation.

- **System Requirements**

Windows 10(64-bit) or later macOS 11.0 or later

- **Recommended for 1080p 60fps and 4K**

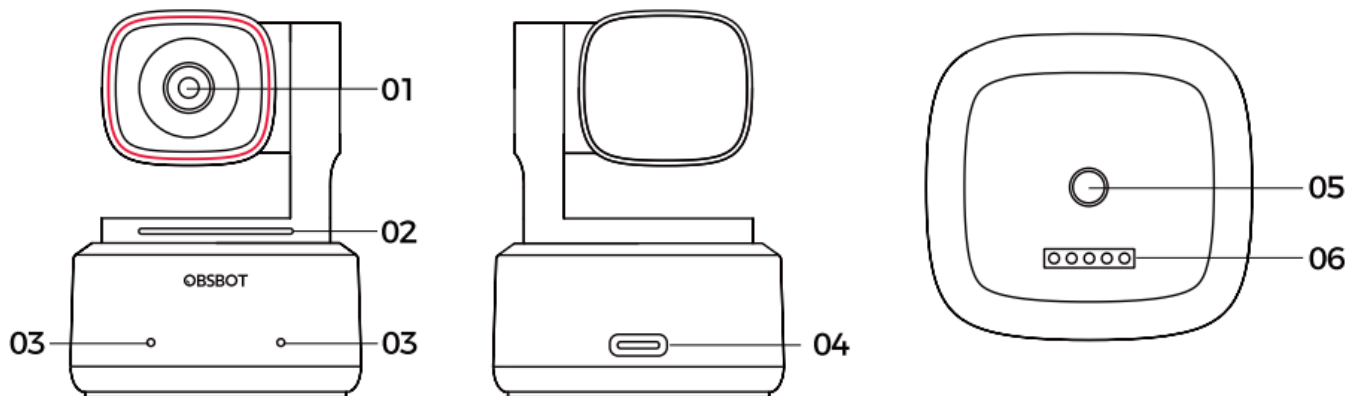
Recommended Apple computers:

1. MacBook Pro (2018, 8th Gen Intel® Core™ i5 Processors or later)
2. MacBook Air (2018, 8th Gen Intel® Core™ i5 Processors or later)
3. iMac Retina (2019, 8th Gen Intel® Core™ i5 Processors or later)

### **Recommended PC configuration**

1. **CPU:** 7th Gen Intel® Core™ i5 Processors or later
2. **RAM:** 8GB

### **Parts Info**



1. 4K Ultra HD lens
2. Camera Indicator
3. Dual Microphones
4. USB-C Port
5. UNC 1/4-20 Interface
6. Extension Port

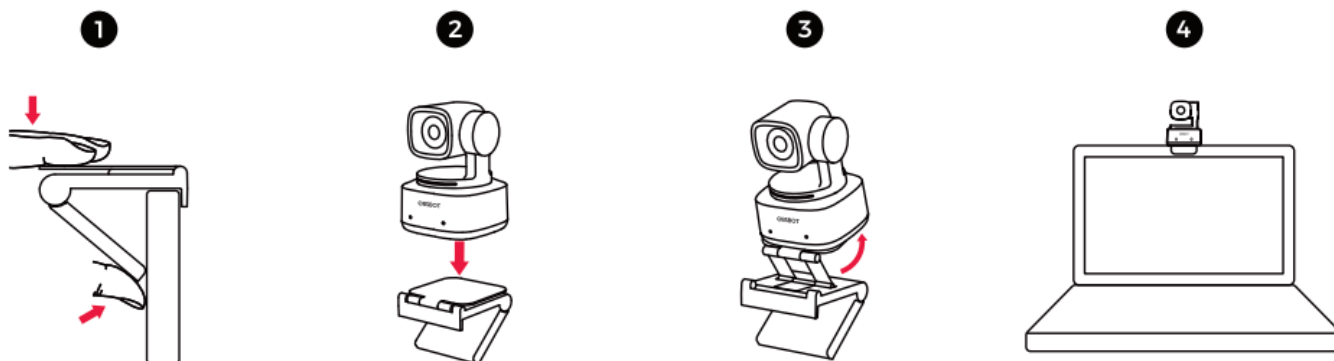
### **Setting Up Tiny 2**

#### **Placement Instructions**

##### **Placement on a Monitor**

Please operate as shown in the following figure:

1. Open the adjustable stand and place it on the monitor.
2. Put OBSBOT Tiny 2 on the adjustable stand.
3. Adjust the camera to the best viewfinder position by tilting the camera properly as needed.



### Placement on a Desktop

Place Tiny 2 directly on your desktop.

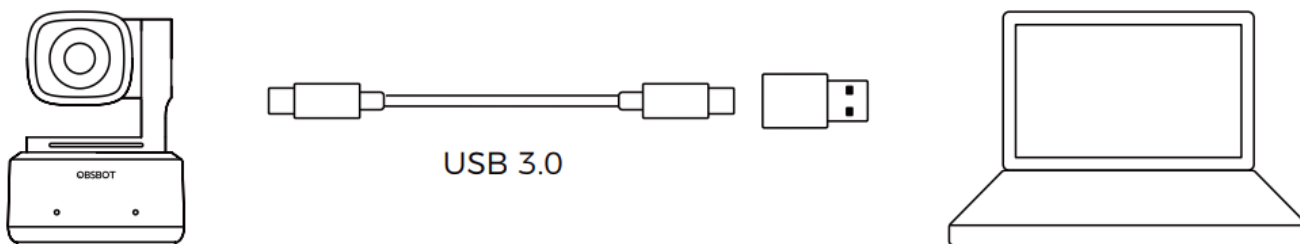
### Placement on a Tripod

OBSBOT Tiny 2 is equipped with a standard UNC 1/4-20 nut connector on the base for mounting the camera to a stand/tripod.

### Connect to the Computer

OBSBOT Tiny 2 is compatible with both Windows and Mac computers. To set up your OBSBOT Tiny 2, use the standard data cable to connect it to your laptop or the USB 3.0 port on your desktop. If necessary, use the provided USB-C to USB-A adapter. The webcam will automatically install on your device. Please wait a few seconds for the installation to finish before attempting to access the webcam. After the installation is complete, you can use popular video call platforms such as Zoom, Microsoft Teams, Skype, or Google Meet to start streaming with your Tiny 2.

1. If the product is in working condition for a long time, the bottom of the product will heat up, which is a normal situation.
2. To avoid compatibility problems, be sure to use the standard data cable to connect the computer.
3. To prevent the product from malfunctioning due to insufficient power supply, please connect it directly to your computer or use an expansion dock with an independent power supply. Also, ensure that the access port is USB 3.0.
4. 4K streaming requires compatible third-party software.



### Gimbal

OBSBOT Tiny 2 is equipped with a 2-axis brushless motor gimbal. The controllable rotation range for the pan is  $\pm 140^\circ$ , and for the tilt is  $30^\circ$  to  $-70^\circ$ .

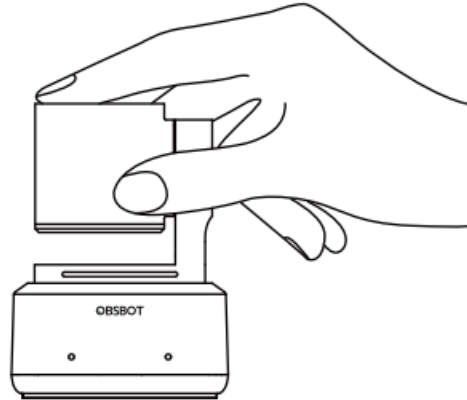
### Sleep Mode

## 1. Manual Sleep

Please adjust the lens to point straight down. If the indicator light is off, it means that the sleep mode is activated.

## 2. Device Auto Sleep

You can use OBSBOT Center software to set the sleep time so that it automatically enters sleep mode as needed.



## Gesture Control 2.0



### Turn On/Off Human Tracking

To enter human tracking mode, perform the gesture as shown in the figure. The current status light will flash twice in succession and then turn to a steady blue state, indicating that you have successfully entered human tracking mode. To exit human tracking mode, perform the same gesture again. The blue status light will flash twice continuously and then turn to a steady green state, indicating that you have successfully exited human tracking mode.



### Zoom to 2x (default) / Cancel

Perform the gesture control as shown in the figure. The status light will flash twice continuously to indicate that the zoom-in/out operation has been performed.



### Dynamic Zoom

Perform gesture control as shown in the figure until the status light starts flashing, at which means the dynamic zoom function is activated. Zoom in or out as the distance between your hands changes, until no gesture is detected or the zoom status can no longer be adjusted.

- Please be careful not to cover your face with your hands and keep your fingers open for gesture control.
- Please go to the link below to find the tutorial video for gesture control.

<https://www.obsbot.com/explore/obsbot-tiny-2>

### Voice Control

OBSBOT Tiny 2 revolutionizes the way you interact with your webcam by introducing voice control, making your video calls smoother.

Voice Commands	Paraphrase
Hi, Tiny	Wake up Tiny 2
Sleep, Tiny	Enter sleep mode
Track Me	Turn on Human Tracking
Unlock Me	Turn off Human Tracking
Zoom in Closer	Zoom to 2x (default)
Zoom out Further	Back to 1x
Position One	Update to preset position one
Position Two	Update to preset position two
Position Three	Update to preset position three

- After adding preset positions through OBSBOT Center, then proceed with voice control.

### Zoom

OBSBOT Tiny 2 supports 4x digital zoom.

#### 1. Gesture Control

By default, the zoom settings is 2x. Users can create customized gesture zoom settings from 1x to 4x via OBSBOT Center software.

#### 2. Voice Control

By default, the zoom setting is 2x. Users can create customized voice zoom settings from 1x to 4x via OBSBOT Center software.

#### 3. Manual Control

Users can do the manual control for zoom settings from 1x to 4x via OBSBOT Center software.

### Focus

The OBSBOT Tiny 2 supports two focusing methods.

#### 1. Auto-Focus

Utilizing OBSBOT's advanced AI technology, the auto-focus feature intelligently adjusts the lens in real-time, ensuring that you remain in focus at all times, regardless of your proximity to the camera.

#### 2. Manual Focus

Users can disable the auto-focus feature and manually adjust focus when using OBSBOT Center software.

## **HDR**

By default, HDR feature is disabled. However, users have the option to enable HDR on the OBSBOT Center software to enhance their appearance on video, even in low light or direct sunlight.

## **Various Shooting Modes**

The OBSBOT Tiny 2 offers four shooting modes, with landscape mode being the default.

1. Landscape shooting This mode is suitable for conventional mounted cameras.
2. Portrait shooting By horizontally placing the camera through an external accessory, it will automatically enter portrait mode.
  - The automatic rotation feature can only be used in software that supports it, such as OBS, etc. Some other software may require manual rotation.
3. Downward shooting By hanging the camera above the object to be photographed through an external accessory, it will automatically enter the downward mode, which is suitable for painting, making handmade crafts, or playing the piano.
4. Up-side-down shooting The camera can be installed upside down, and the screen will automatically rotate for use.

## **Human Tracking**

Activate human tracking using gesture or voice control, or OBSBOT Center software. OBSBOT Tiny 2 will automatically track and ensure that the figure is in the best composition position. Additionally, zone tracking can be enabled through the app for more creative gameplay.

## **Group Mode**

When you activate the group mode, the view will automatically adjust as participants join or leave the image. This ensures that everyone is properly covered and visible. By using the group more, the view will always focus on the right amount of the view.

## **Hand Tracking**

To enable hand tracking, simply use the OBSBOT Center software. OBSBOT Tiny 2 will automatically detect and track your hand on the screen, and you can adjust the tracking area as needed.

## **Whiteboard Mode**

Using OBSBOT Center to enter or exit whiteboard mode, OBSBOT Tiny 2 can intelligently recognize whiteboards in the screen and enhance the display, improving the viewing experience of online classes and conference presentations.

## **Desk Mode**

By using OBSBOT Center to activate desk mode, the camera will automatically tilt down 30 degrees to shoot the desk from above, and automatically correct the shot for high-quality visual effects.

- The adjustable stand that comes with the Tiny 2 can be manually adjusted to ensure the best viewing angle.

## **Indicator Description**

Equipment Status	Indicator Statuses
Power-on initialization	Blue lights flash in a cycle, which means the product is being initialized
No target is selected	The green light keeps on
Execute gesture/voice control	The indicator for the current state blinks twice in succession and then switches to the state of the identified indicator light
Enable human tracking	Blue light keeps on
Target losing	The yellow light keeps on
Enable hand tracking	Purple light keeps on
Firmware upgrading	Blue/yellow flash alternately
Firmware upgrade failed	Red light flashes slowly
Device in fault	The red light keeps on
Sleep mode	Light off

## OBSBOT Center

### Software Overview

OBSBOT Tiny 2 provides advanced users of Windows and Mac with control software for OBSBOT Center, which allows you to perform a series of extended operations on the camera, such as controlling the motion trajectory of the pan-tilt, selecting or canceling tracking targets, setting presets or expanding various creative gameplay.

### Download and Installation

Download and install OBSBOT Center through <https://www.obsbot.com/download> to further enhance your user experience.

### Firmware Upgrade

OBSBOT Tiny 2 upgrades through OBSBOT Center software. When firmware is available for update, there will be corresponding prompts after connecting the device. Please follow the info on prompts.

- Do not disconnect the camera during the firmware upgrade process.

## Specifications

- AI-powered PTZ webcam with two-axis gimbal
- Various intelligent shooting modes
- Gesture control and voice control functions
- USB connection, plug-and-play
- Compatibility: Windows 10 (64-bit) or later, macOS 11.0 or later

## Frequently Asked Questions (FAQ)

### Q: How can I ensure optimal performance when using OBSBOT Tiny 2?


**A:** Connect OBSBOT Tiny 2 to a USB 3.0 port to prevent screen delay/lag/flash or device reset issues. Ensure your system meets the specified requirements for smooth operation.



**Q: How do I activate gesture control features on OBSBOT Tiny 2?**

**A:** Follow the instructions provided in the user manual to perform the specific gestures to enable various control functions such as human tracking, zoom, and dynamic zoom.

**Documents / Resources**

	<a href="#">OBSBOT Tiny 2 Control PTZ, AI Tracking Multi-Mode Camera</a> [pdf] User Manual Tiny 2 Control PTZ AI Tracking Multi-Mode Camera, Tiny 2, Control PTZ AI Tracking Multi-Mode Camera, AI Tracking Multi-Mode Camera, Multi-Mode Camera, Camera
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**References**

- [📄 Download Center | OBSBOT](#)
- [📄 Explore More About OBSBOT Tiny 2](#)
- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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