

OBSBOT Tail AIR

OBSBOT Tail AIR 4K AI-Powered PTZ Camera Instruction Manual

Model: Tail AIR

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your OBSBOT Tail AIR 4K AI-Powered PTZ Camera. Designed for live streaming and video production, this camera features advanced AI tracking, gesture control, and versatile connectivity options to enhance your content creation.

2. WHAT'S IN THE BOX

- OBSBOT Tail Air *1
- Female Splitter *1
- USB C Male to Dual USB C *1
- USB-C Cable *1
- USB-C to USB-A Adapter *1
- Quick Start Guide *1
- Warranty Card *1
- Storage Box *1
- Outer Package *1

Limitless Connection Possibilities

Wired & Wireless Connection



Ethernet



USB-C



Micro-HDMI



Wi-Fi

Wired & Wireless Connection

NDI

RTMP

RTSP
Real-Time Streaming Protocol

VISCA

To support the extensibility of Tail Air, we provide multiple connection options for the Tail Air device, allowing for both wired and wireless external connections.

Image: Contents of the OBSBOT Tail AIR package, including the camera, cables, adapters, and carrying case.

3. SETUP

3.1 Mounting the Camera

The OBSBOT Tail AIR features an integrated mounting system for easy attachment to monitors or tripods. The base includes a magnetic clip for secure placement and a 1/4-inch screw thread for tripod compatibility.



Image: The OBSBOT Tail AIR camera shown mounted on a mini tripod, highlighting its compact design and mounting versatility.

3.2 Powering On and Initial Connection

Connect the camera to a power source using the provided USB-C cable. The camera will automatically power on. For initial setup and advanced controls, download the OBSBOT Start App on your mobile device or the OBSBOT Center software for your computer.

Your browser does not support the video tag.

Video: Demonstrates the OBSBOT Tail AIR's performance in low-light shooting conditions, showcasing its ability to capture clear video with minimal noise.

4. OPERATING INSTRUCTIONS

4.1 AI Auto Tracking & Framing

The OBSBOT Tail AIR utilizes an advanced AI algorithm to track human, animal, pet, or other objects. Once a target is identified, the camera will maintain it within the frame, even if it temporarily leaves and re-enters the view. AI Auto Framing ensures that all subjects remain centered, expanding the view as needed when multiple individuals are present.



Image: Visual representation of the AI Auto Tracking feature, showing the camera's ability to follow humans, animals, and various objects.

4.2 Gesture Control 2.0

Control key camera functions using intuitive hand gestures. This includes initiating tracking, stopping tracking, and adjusting zoom levels dynamically. The camera's status light will provide visual feedback for gesture recognition.



AI Auto Tracking



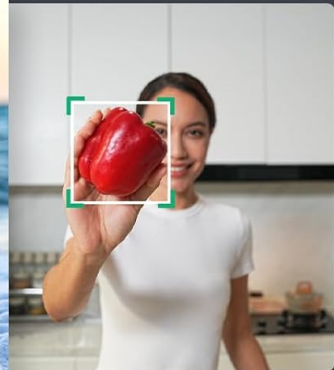
Human Tracking

OBSBOT Tail Air could easily track people's movement in anywhere once the feature is activated, even after a while of your disappearance, it can still recognize you immediately when you back to its view



Animal Tracking

Inherited the pet tracking function from OBSBOT Tail, the algorithm-revised Animal Tracking feature would work to your cherished animal friends and make them to be the center of attention!



Object Tracking

More possibilities are opened while you enabling one of the most interesting feature on OBSBOT Tail Air, there is nothing you can't track with, only though something you can not imagine.

Image: A guide illustrating the specific hand gestures for controlling the OBSBOT Tail AIR, including tracking and dynamic zoom.

4.3 Video Performance & Low Light Capabilities

The camera supports 4K resolution at 30fps and 1080P at 60fps. HDR and AI Enhancement features optimize video appearance. Equipped with an all-new camera system, including 8 prime lenses, f/1.8 aperture, and a 1.8-inch ultra-sensitive CMOS sensor with 2 μ m pixel size, the Tail AIR delivers enhanced image quality with wider dynamic range and reduced noise, even in low-light conditions.



Gesture Control 2.0

Effortlessly manage your OBSBOT Tail device with intuitive gestures to simplify video shooting. Dynamic gestures additionally enable seamless and precise zoom adjustments.



Track/Untrack Target



Start Recording



Zoom In/ Zoom Out



Dynamic Zoom In/ Zoom Out

Image: Detailed view of the OBSBOT Tail AIR's camera system, highlighting its 8-piece lens structure and 1/1.8-inch CMOS sensor.

Your browser does not support the video tag.

Video: Illustrates the wireless NDI connection capabilities of the OBSBOT Tail AIR, demonstrating seamless integration into a live streaming setup.

4.4 Connectivity Options

The Tail AIR offers extensive connectivity for diverse live streaming and production needs. It supports both wired (Ethernet, USB-C, Micro-HDMI) and wireless (Wi-Fi) connections. NDI|HX3 support provides high-quality video streaming with low bandwidth. Note: An NDI License Key may require additional purchase.



Image: An overview of the OBSBOT Tail AIR's multiple wired and wireless connection interfaces, including NDI, RTMP, RTSP, and VISCA protocols.

Your browser does not support the video tag.

Video: Illustrates the wireless NDI connection capabilities of the OBSBOT Tail AIR, demonstrating seamless integration into a live streaming setup.

4.5 OBSBOT Start App

The exclusive OBSBOT Start App allows users to customize image parameters before or during live streams and apply them instantaneously. It also features Director Grids for automatic video signal assignment based on common angles, aiding in quick evaluation of your live stream.



4K Resolutions

Professional-grade video performance, your video shooting capability is up to 4K@30fps, and 1080P@60fps, with the inner power of the HDR and AI Enhancement, the target will be well detected by OBSBOT Tail Air and be enhanced to its accurate appearance, your video image could be dramatically vivid and true-to-life.

Low Light Performance

Advantaged from the larger aperture and enlarged pixel size, OBSBOT Tail Air has a much better light-gathering performance, so now even in low light scenes, you can shoot your dazzling videos with less noise, abundance of the color and finer details



Image: The AI Director Grids feature, showing automatic framing and expansion of the view to include multiple subjects.

5. SPECIFICATIONS

Brand	OBSBOT
Model Number	Tail AIR
Item Weight	12.3 ounces
Product Dimensions	2.76 x 5.31 x 2.95 inches
Photo Sensor Technology	CMOS
Video Capture Resolution	4K@30/25/24 fps
Maximum Aperture	f/1.8
Flash Memory Type	Micro SD (Up to 512 GB)
Connectivity Technology	Ethernet, Infrared, NFC, USB, Wi-Fi
Special Features	Low Light, Microphone Input, Motion Detection, Night Vision, Remote Control

6. TROUBLESHOOTING

If you encounter issues with your OBSBOT Tail AIR, please refer to the following general troubleshooting steps:





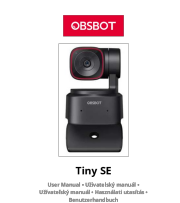
- **Camera Not Powering On:** Ensure the USB-C cable is securely connected to both the camera and a working power source.
- **Tracking Issues:** Verify that the lighting conditions are adequate. Ensure no obstructions are blocking the camera's view of the subject. Recalibrate AI tracking through the OBSBOT Start App or OBSBOT Center software.
- **Connectivity Problems:** For wired connections, check all cable connections. For wireless, ensure the camera is within range of your Wi-Fi network and that network settings are correctly configured.
- **Firmware Update Required:** Some features or performance improvements may require a firmware update. Ensure an U3 Micro SD card is inserted for firmware updates.
- **Poor Image Quality:** Check lighting conditions. Adjust exposure, white balance, and other image settings within the OBSBOT software.

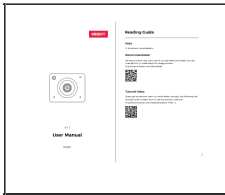
7. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the Warranty Card included in your product package or visit the official OBSBOT website. Keep your proof of purchase for any warranty claims.

Additional protection plans may be available for purchase separately. Please check with your retailer for details.

Related Documents - Tail AIR

	<p>OBSBOT Tail Air User Manual: Setup, Features, and Specifications</p> <p>Comprehensive user manual for the OBSBOT Tail Air 4K PTZ streaming camera, covering setup, AI tracking, gesture control, app usage, firmware updates, and technical specifications. Learn how to connect, operate, and optimize your OBSBOT Tail Air for professional live streaming.</p>
	<p>OBSBOT Tiny 4K User Manual - Setup and Features</p> <p>Comprehensive user manual for the OBSBOT Tiny 4K AI-powered PTZ webcam. Learn about setup, features like gesture control, zoom, focus, and software integration.</p>
	<p>OBSBOT Tiny 2 User Manual: Setup, Features, and Controls</p> <p>Comprehensive user manual for the OBSBOT Tiny 2 AI-powered PTZ webcam. Learn about setup, placement, gesture control, voice commands, software features, and indicator descriptions.</p>
	<p>OBSBOT Meet 2 AI Webcam User Manual</p> <p>Comprehensive user manual for the OBSBOT Meet 2 AI-powered 4K webcam, covering setup, features like auto-framing, gesture control, software, and indicator descriptions.</p>
	<p>OBSBOT Tiny SE User Manual: Setup, Features, and Operation Guide</p> <p>This user manual provides comprehensive instructions for the OBSBOT Tiny SE, an AI-powered PTZ webcam. Learn about setup, features like gesture control, auto-focus, various shooting modes, and software integration.</p>

	<p>OBSBOT Meet 2 4K Webcam User Manual and Guide</p> <p>Comprehensive user manual for the OBSBOT Meet 2 4K AI-powered webcam, covering setup, features like Auto Framing, gesture control, zoom, focus, and OBSBOT Center software. Includes system requirements and indicator descriptions.</p>
--	--