OBSBOT

OBSBOT | TAIL AIR

AI-Powered PTZ Streaming Camera

Mastermind On Air



OBSBOT | TAIL AIR



Mastermind on Air

Integrating OBSBOT's most powerful AI technologies and superior image system into an elegant and classical body, OBSBOT Tail Air could bring you the next-level Video Streaming experience with industry-advanced AI Tracking and excellent MultiCam setup, Mastermind your every moment and release your maximum creativity, right On Air.

OBSBOT | TAIL AIR KEY CONCEPT

Extraordinary AI Features	AI Auto Tracking	OBSBOT Tail Air uses AI to track humans, pets, and objects at 120°/s. It helps you discover interesting and dynamic things in your daily routine.
	AI Director Grids	The AI director Grids help evaluate a livestream by providing the overviews summary views of your current live stream situation.
	Gesture Control 2.0	Effortlessly control your OBSBOT Tail device with simple gestures for easy video shooting. Dynamic gestures allow for precise zoom adjustments.
Outstanding Video Performance	High-end Video Quality	Professional-grade video performance, able to shoot video up to 4K@30fps, 2.7K@60fps,1080P@120fps, with HDR and AI enhancement, your video would be vivid and true-to-life
	Laser Focus	With the advanced TOF depth sensor to assist the focusing function, the focusing speed, and efficiency are significantly improved
	Low Light Performance	Equipped with 1.8-inch ultra-sensitive CMOS, with true 2μm pixel size, the low light performance of Tail Air could be stunning.
Great Compatibility and Extensibility	Limitless Connection Possibilities	OBSBOT Tail Air can easily integrate with other devices or brands' ecosystems while maintaining its incredible AI-powered features and high-quality video output.
	Effortless Software Experience	Start your livestream anytime and anywhere with the OBSBOT Start App. Your location will no longer limit your livestreams.
	OBSBOT Multicam Setup	OBSBOT provides a more efficient and smart multi-cam setup solution centered on the OBSBOT Tail Air Remote Monitor
Appearance & Advantages	Interfaces	Various choices of device interfaces bring high efficiency to your professional workflow
	Software	Powerful product, Easy-to-use software
	Accessories	Use the accessories to discover more possibilities of your video shooting

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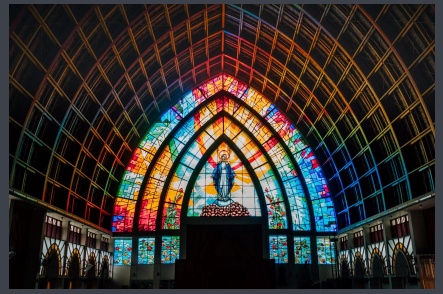
OBSBOT | TAIL AIR USER SCENARIOS



Content Creation



Interview



House of Worship



Concerts



Sports-Not including balls



Conferences



Classrooms



Gaming

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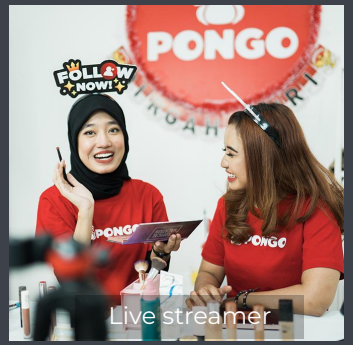
OBSBOT | TAIL AIR Target Audience













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OBSBOT | TAIL AIR Persona



Ken West

Name: Age: 36

Profession: Photograph Studio Owner

Gender: Male

Marital status: Married

Annual income: Around 60K Euro

Device: Professional Cameras

About:

Ken owns a small photography studio that specializes in portrait and wedding photography. He has over 10 years of experience and a loyal customer base. Ken's daily routine involves shooting events like weddings and church ceremonies. He captures all the important details and moments to provide the best shots for his clients. As an owner, Ken is always looking for ways to improve his business and stay current with technology.

Pain spot:

Ken struggles with adjusting camera angles and settings during shoots, especially when working alone. This can cause delays and frustration for both himself and his clients.

Target :

Ken plans to use PTZ (pan-tilt-zoom) cameras to simplify his workflow and improve the quality of his shoots. With PTZ cameras, John can remotely control camera angles and zoom levels, avoiding the need for physical adjustment. This will save time and reduce the risk of missing important shots.

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OBSBOT | TAIL AIR Persona



Rosemary

Name: Age: 25

Profession: Influencer & Streamer

Gender: Female

Marital status: Unmarried

Annual income: 40K USD

Device: iPhone 14 Pro

About:

Rosemary is a popular influencer and streamer, who shares her daily life and advice with her followers on social media. Her daily routine involves planning and creating content for her social media channels, engaging with her followers, and attending events and collaborations with brands. She wants to improve her content and provide a better experience for her fans.

Pain Points:

Rosemary has trouble holding her phone steady during live streams, which causes shaky footage and poor audio quality. She also finds it difficult to keep the phone in focus while moving, which frustrates her and her viewers.

Target:

To improve the quality of her live streams and provide a better viewing experience for her fans, Rosemary needs a better AI streaming camera. This camera can easily follow and track her movements, keeping her in focus and producing smooth and stable footage. This will help her create professional-looking content, grow her following, and increase her influence.

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AI Capabilities Brings Unparalleled Livestream Experience

OBSBOT Tail Air features extraordinary AI capabilities, using the AI Auto Tracking to follow the target you want, observe the image with more intelligent AI Director Grids, and deliver your commands in distance using new Gesture Control 2.0.



AI Auto Tracking



AI Director Grids



Gesture Control 2.0

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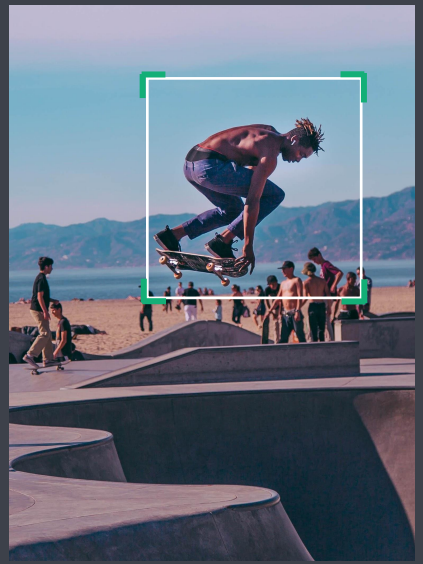
AI Auto Tracking

Human Tracking







With the industry-advanced AI algorithm that we accumulated for years, 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, get your livestream experience equipped with AI power and unfold more-to-explore video creativities.

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AI Auto Tracking

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!

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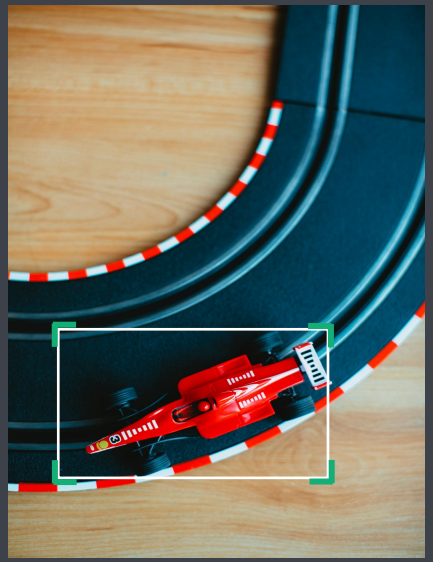
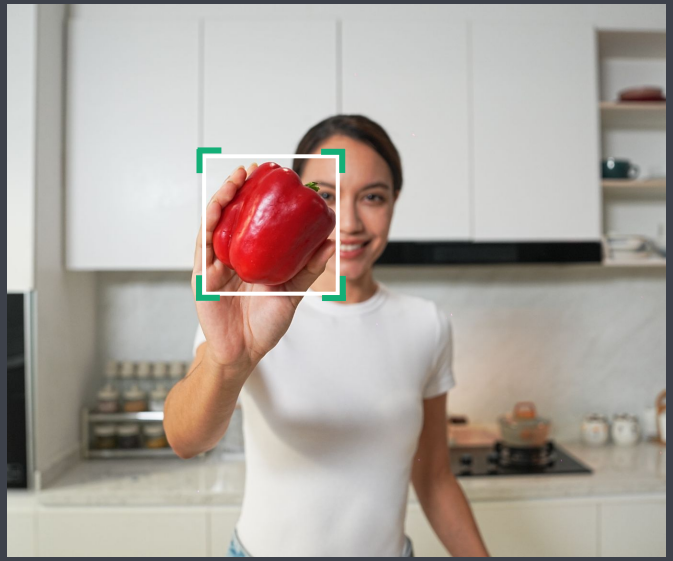
AI Auto Tracking

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.

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AI Director Grids



This feature automatically assigns captured video to different grids based on commonly used angles in real-time. Clicking on the grid outputs the corresponding video signal, allowing for quick and accurate evaluation of your livestream.

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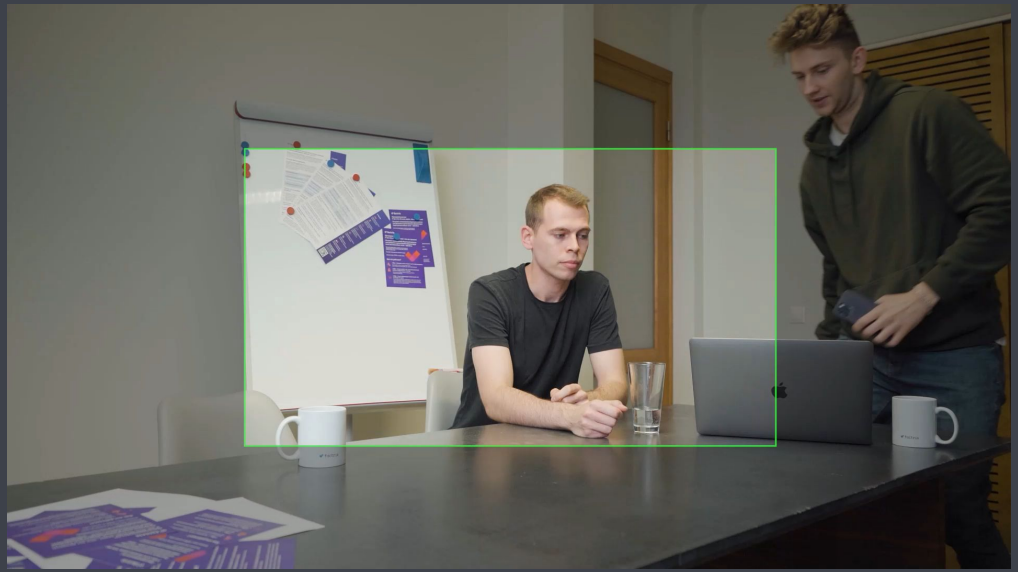
AI Director Grids

AI Auto Framing



Activate AI Auto Framing to keep you in the center of the frame, even if others join in the image, the view expands accordingly to fit everyone, for more interactive shooting experience.

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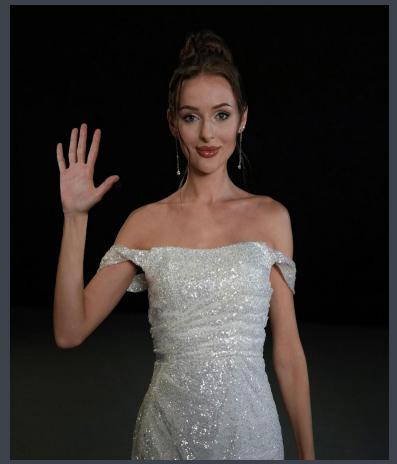
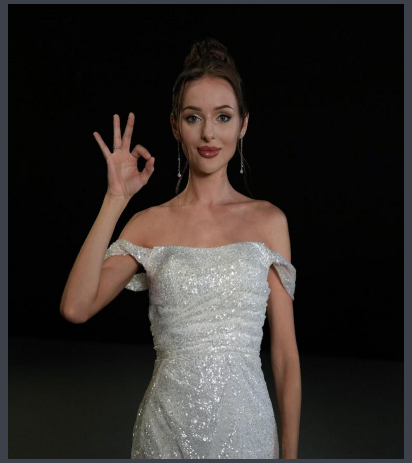
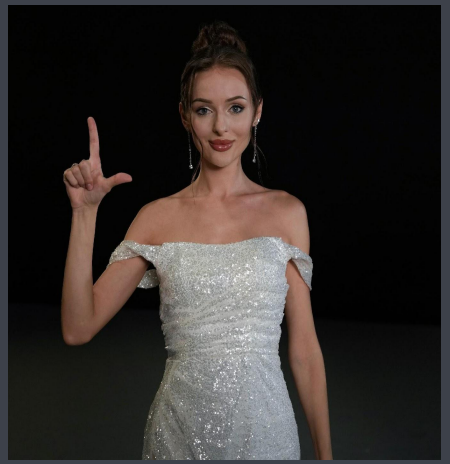
Gesture Control 2.0



Track/Untrack Target



Start Recording



Zoom In/ Zoom Out



Dynamic Zoom In/ Zoom Out

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

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Outstanding Livestream Video Performance

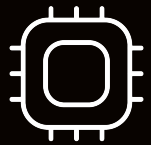
Presenting the all-new camera system of OBSBOT Tail Air, with the super clear optical craft and the lens collocation, the image of OBSBOT Tail could be extraordinary clear and astonishing.



Low Light Performance



4K Resolutions



1/1.8 inch Ultra-sensitive CMOS

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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.

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Camera System

Presenting the all-new camera system of OBSBOT Tail Air, with the super clear optical craft and the lens collocation, the image of OBSBOT Tail could be extraordinary clear and astonishing.

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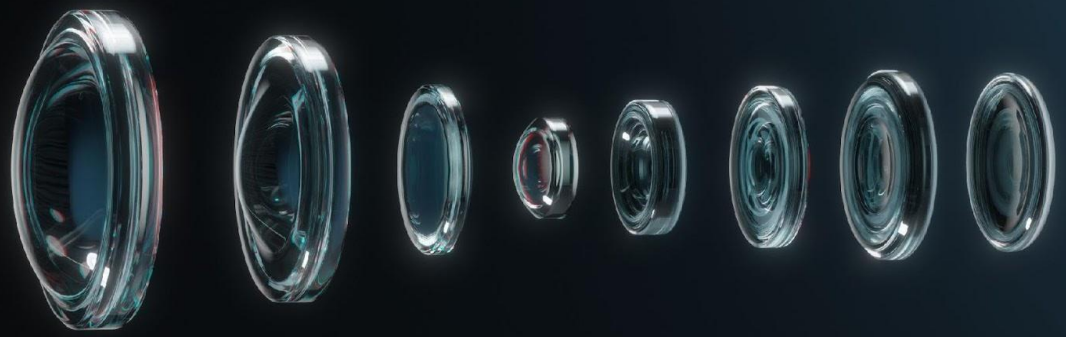
8 Pieces of Prime Lens

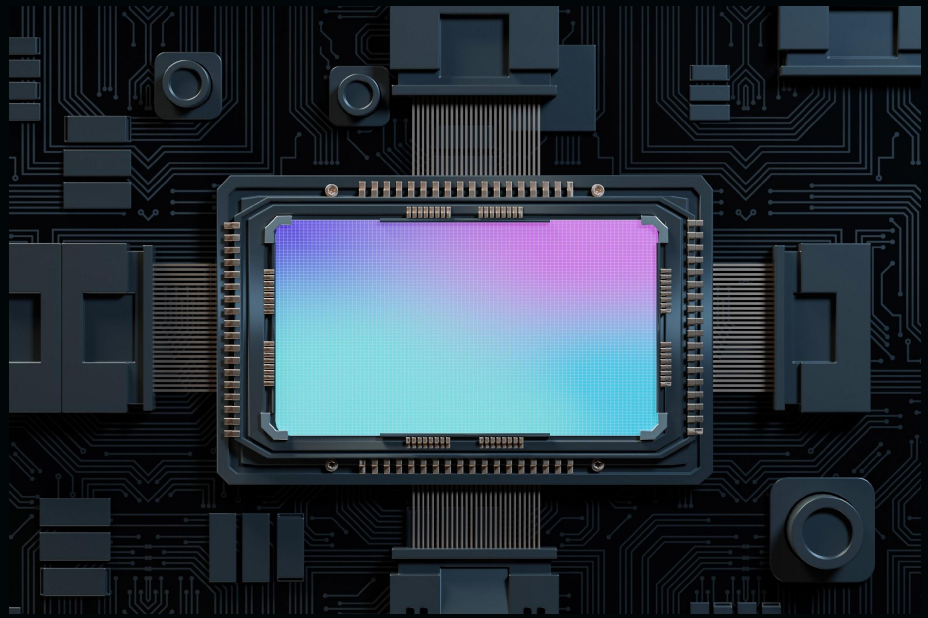
1.8 inch Ultra-sensitive CMOS

2μm Pixel Size

f/1.8 Aperture



1/1.8 inch Ultra-sensitive CMOS



The improvement of the CMOS brings OBSBOT Tail Air more possibilities of video shooting with the wider dynamic range and better image quality.

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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

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Laser Focus



With TOF(Time-of-light) based sensor, OBSBOT Tail Air is able to use infrared laser to sense and measure how long it takes light to a surroundings object and reflect back, with this ability, the speed of the Focus has been dramatically empowered, your capture time will be greatly reduced while your shooting efficiency can be significantly improved

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Unlimited Extendabilities Facilitate Livestream Experience

Equipped with multiple interfaces for connection, OBSBOT Tail Air offers the first ever strong extendability of the OBSBOT family.



Multiple Interfaces



Wireless Connection

NDI Support

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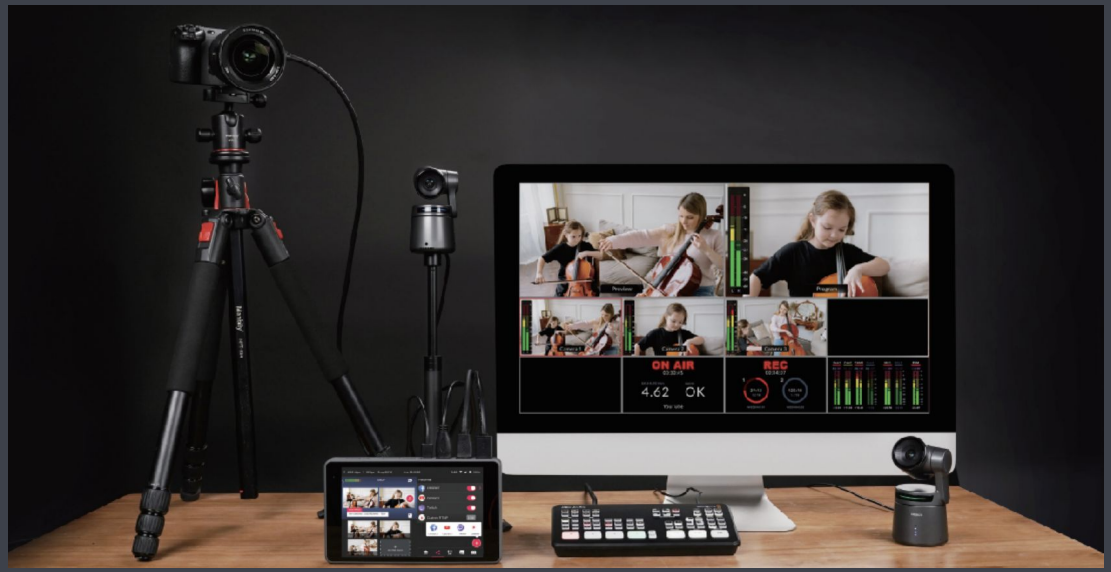
Limitless Connection Possibilities



OBSBOT Tail Air has strong extendability, allowing it to integrate with other devices or brands' ecosystems. Its instant video signal output doesn't compromise its incredible AI-powered features or the high level video quality.

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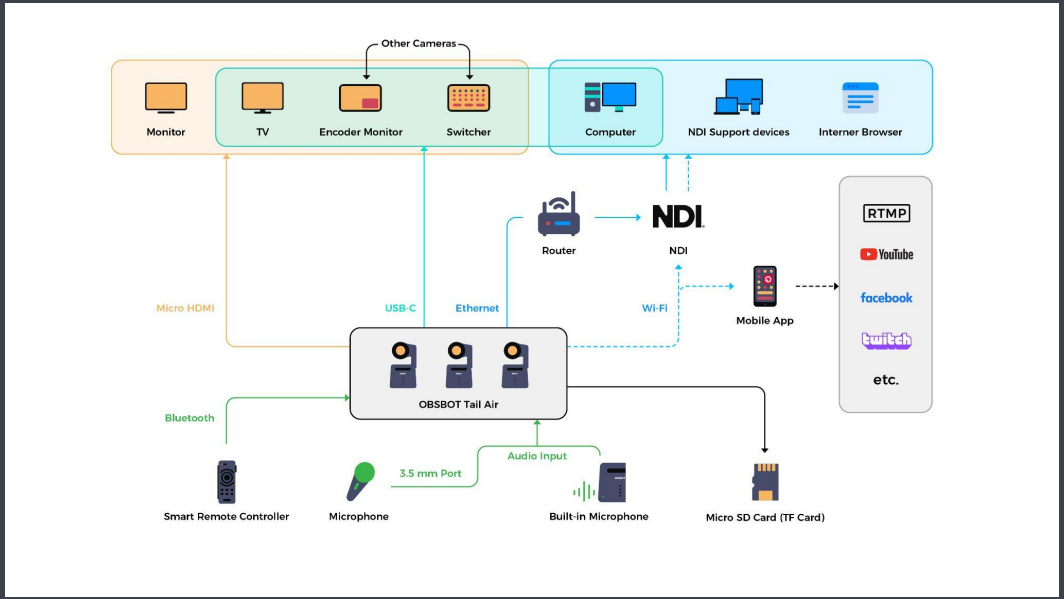
Limitless Connection Possibilities

OBSBOT Tail Air Livestreaming Diagram



Use OBSBOT Tail Air to embrace the open possibility of the livetreaming and the video shooting with the AI-powered enhancement.

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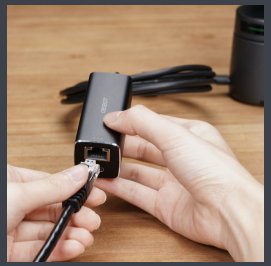
Limitless Connection Possibilities

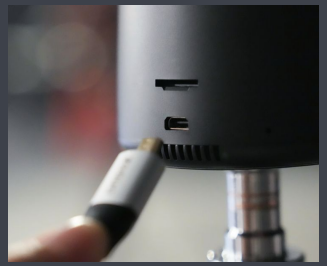
Wired & Wireless Connection



Ethernet



USB-C



Micro-HDMI

Wi-Fi

Multiple Protocols Supported

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.

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Limitless Connection Possibilities

NDI Support



With support for NDI|HX3, the OBSBOT Tail Air can provide higher quality live streaming video with low bandwidth via Wi-Fi and Ethernet [1]. Get ready to experience seamless connectivity with the OBSBOT Tail Air and NDI!

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Effortless Software Experience

Obsbot Start



Enjoy an effortless and limitless livestreaming experience with OBSBOT Tail Air on exclusive mobile application Obsbot Start. With simple operations, you can start your real-time livestream from anywhere and adjust image parameters as needed during the stream.

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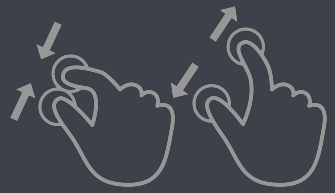
Effortless Software Experience

Easy to Use Interactions



Pinch to Zoom



Tap to Select On Air Zone



Long Press to Preset Position



Drag to Move

Easily control the movement and image of the Tail Air device with simple gestures. Make your video production more vivid and smooth.

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Effortless Software Experience

Adjustable Parameters



Say goodbye to immutable image settings. With OBSBOT software, you can customize image parameters before or during your livestream moments and apply them instantaneously.

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Effortless Software Experience

Livestream Anywhere





Start your livestream anytime and anywhere with the OBSBOT Start App. Your location will no longer limit your livestreams.

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Accessories

Utilize the accessories of OBSBOT Tail Air for a variety of streaming scenarios and enhance your streaming experience.



Smart Remote Controller



360 Rotation Charging Base



USB-C to Ethernet Adapter



ND Filters

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Accessories

OBSBOT Smart Remote Controller



As a perfect match for both the Smart Remote Controller and OBSBOT Tail Air. The Smart Remote Controller extends control capability via Bluetooth connection to eliminates the limitation of monitoring range during control.

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Accessories

OBSBOT Smart Remote Controller



OBSBOT Tail Air Smart Remote Controller is here to help you to get rid of the limitations of the monitoring range when controlling your Tail Air device in a independent and effective way.

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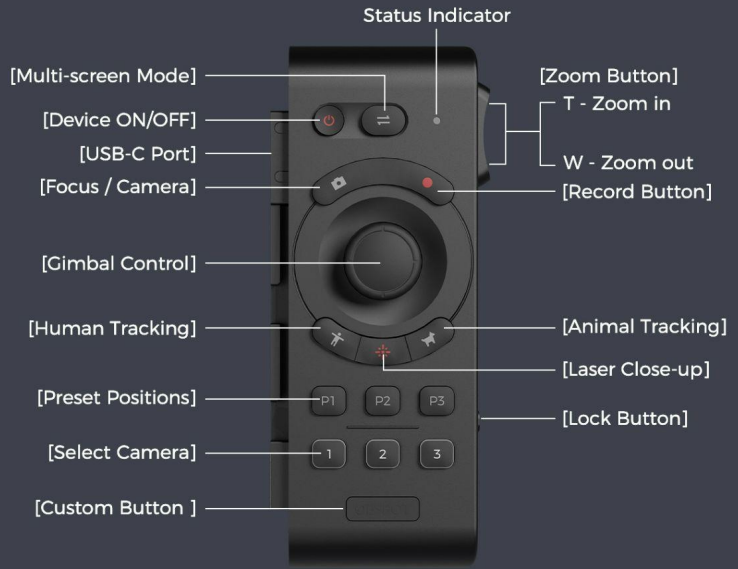
Accessories

OBSBOT Smart Remote Controller



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Accessories

360° Rotation Charging Base





360° Rotation Charging Base

Extend the endurance of your OBSBOT Tail Air device to over xx hours and can achieve true 360° rotation to capture amazing shots.

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Accessories

USB-C to Ethernet Adapter





Designed specifically for OBSBOT Tail Air’s ethernet connectivity, provide stable and smooth signal transmission.

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Accessories

ND Filters



Great coverage for various lighting conditions to reduce the amount of light that enter the OBSBOT Tail Air's camera lens.

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OBSBOT

Thanks for watching.

V230529-4

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OBSBOT | TAIL AIR Appendix | Specification

Dimension:
Working State: 69.65*73.25*132.5mm
Off State: 69.65*73.25*135.5mm

Weight:
344.5g

AI Chip:
Integrated AI chip, Trillions of calculations per second

Camera:
Image sensor: 1/1.8'' CMOS
Effective pixels: 8.4 million
Aperture: f/1.8
Effective pixel resolution: 3856x2176
Lens system: 8 Optical Lenses
Zoom range: 4X digital zoom
ISO range: 100-6400
Exposure Value: ±3EV
Electronic shutter speed: 1/8000 s to the limit of frames per second
Focus: Auto Focus/Manual Focus
Equivalent Focal Length: 23mm
White Balance: 2000K-10000K
Gyroscope: 6-axis Gyroscope

Shooting:
Video resolution: 4K@30/25/24 fps
1080@60/50/48/30/25/24 fps
Max video storage bit rate: H264: 80Mbps, H265: 80Mbps
Video format: MJPEG, H264, H265

Audio:
Audio input: Built-in Two MEMS Microphones
Audio Modes: Noise Reduction/Stereo Sound
Audio Format: AAC/PCM

2-axis Gimbal:
Controllable range: Pan: ±150°; Tilt: -65°~32°
Mechanical range: Pan: ±160°; Tilt: ±90°

Wi-Fi:
Operating frequency: 2.4 G/5.8 GHz
Signal transmission range: 2.4G 80m, 5.8G 140m

Bluetooth:
Bluetooth Protocol: BLE 5.1

Charger & Battery:
Input: 5V/2A
Charging time: 90 Minutes (Power off status)
Operating time: 154 minutes
Battery type: Lithium Polymer(Li-po)
Battery capacity: 1500mAh

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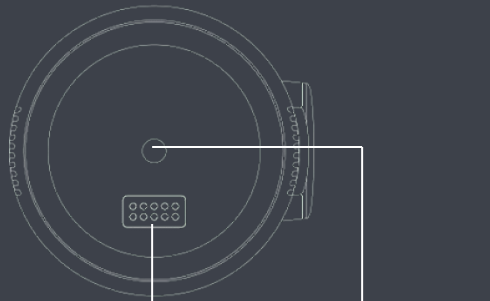
OBSBOT | Tail AIR Appendix | Appearance

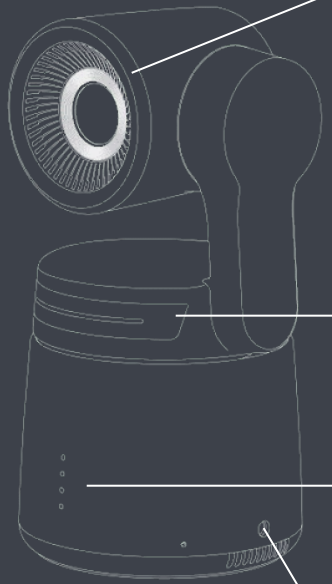


UNC 1/4-20 Interface

Extension Pin Interface



Dual Build-in Microphone



Camera Lens

Status Indicator

Battery Indicator

3.5 mm Audio Jack

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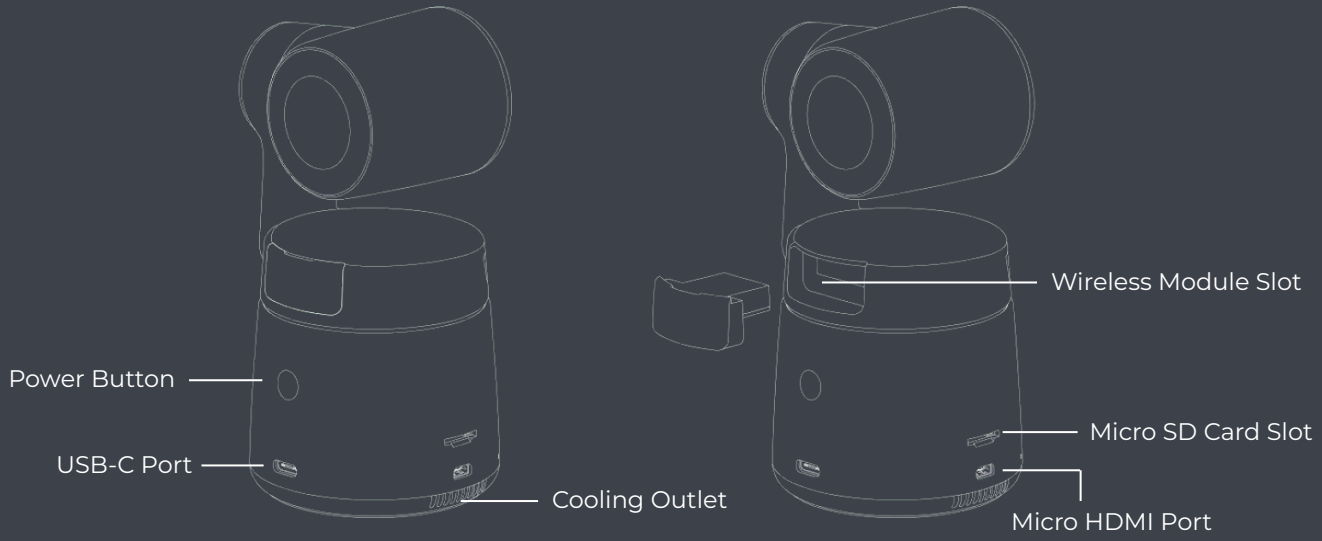
OBSBOT | Tail AIR Appendix | Appearance



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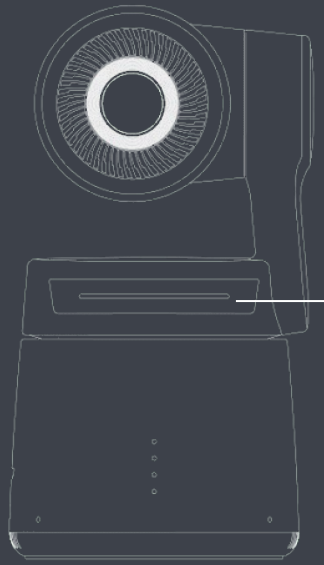
OBSBOT | TAIL AIR Appendix | Indicator Description



Blue lights flash circularly: Powering on and initializing

Solid green light: STA mode - Tracking target unselected

Solid purple light: AP mode - Tracking target unselected

Solid blue light: STA/AP mode - Tracking target selected

The lights flash in their current color twice together: Executing gesture control features

Solid yellow light: Tracking target losing

Solid red light: Camera in fault

The lights flash in yellow and blue alternatively: Upgrading the firmware

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