

## Specification

OBSBOT Talent		
Basic Info	Dimensions:	147.2mm x 90mm x 28.5mm
	Weight:	Without Mount: 402.9g With Mount: 495.2g
Screen	Size	5.44"
	Type	AMOLED
	Aspect Ratio	16:09
	Resolution	1920x1080
	Brightness	350 nits
	Color Depth	8-bit
	Contrast Ratio	6000:1
	Color Gamut	105% NTSC
	Refresh Rate	60Hz
	Viewing Direction	All
	PPI	405
	Touchscreen	Capacitive
	Screen Coating	Anti-fingerprint coating
Video Input	HDMI	Port: 2x HDMI 2.0 Type-A port Typical resolution/frame rate: 4096x2160p/3840x2160p 23.98/24/25/29.97/30/59.94/60 1920x1080p 23.98/24/25/29.97/30/50/59.94/60 1920x1080i 25/29.97/30 1280x720p 23.98/24/25/29.97/30/50/59.94/60 720x576p 50/100 720x576i 25/50 720x480p 59.94/60 720x480i 29.97/30 Color depth: 8/10/12-bit Color sampling: RGB 4:4:4, YCbCr 4:4:4, YCbCr 4:2:2
	USB	Port: 2x USB 3.0 Type-A port, 1x USB 3.0 Type-C port Resolution/frame rate: Up to 1920x1080p, 60fps Format: YUYV, MJPG, NV12
	SRT Stream	Codec: H.264, H.265 Resolution/frame rate: Up to 1080p, 60fps
	RTMP Stream	Codec: H.264, H.265 Resolution/frame rate: Up to 1080p, 60fps
	NDI Stream	NDI® HX2 or NDI® HX3 Codec: H.264, H.265 Resolution/frame rate: Up to 1080p, 60fps
	Video	Resolution: Up to 4K Codec: H.264, H.265 Format: MOV/MP4
	Picture	Format: JPEG/PNG/BMP
Audio Input		Mic/line in: 1 x 3.5mm jack, 2-channel, 48 KHz, 16-bit Audio input from HDMI port: 2-channel, 48 KHz, 16-bit Audio input from USB port: 2-channel (only microphone supported) Audio input from Bluetooth device: 2-channel, 48 KHz, 16-bit Audio from SRT stream Audio from RTMP stream Audio from NDI stream Audio embedded in video files Background music (BGM): MP3, M4A, WAV files
Video Output	Streaming and Recording	Codec: H.264, H.265 Resolution: 1080p, 720p, 540p, 360p (only for NDI) Frame rate: 60/59.94/50/30/29.97/25/24/23.98/15 fps (Encoding options change along with the frame rate of the show.) Bitrate: NDI® HX3: up to 62.0Mbps, down to 1.5Mbps Others: up to 30.0Mbps, down to 256kpbs Key frame interval: customizable Profile: High profile, Main profile, Baseline profile Bitrate mode: VBR, CBR
	USB-C	Port: 1 * USB 3.0 Type-C port Output mode: DP-OUT, UVC/UAC Resolution: 1920x1080 Frame rate: 60fps, 50fps Sampling format: RGB 4:4:4
Audio Output		Streaming and recording: 2-channel, 16-bit, 48 KHz, aac, 64kbps/96kbps/128kbps Headphone output: 1x 3.5mm jack, 2-channel, 48 KHz, 16-bit Audio output via Bluetooth device: 2-channel, 48 KHz, 16-bit Audio output via USB-C port: 2-channel, 48 KHz, 16-bit Audio output via USB-A port: 2-channel, 48 KHz, 16-bit/24-bit/32-bit
Features of USB-A Port		Connect to a USB AV device, such as webcam, USB microphone, USB speaker, etc Connect to a USB modem Connect to a USB flash drive · To transfer video, picture, audio and other media files, firmware update files, log files, etc · Supported system format: FAT32, exFAT and NTFS Connect to a USB keyboard for shortcuts

<b>Features of USB-C Out Port</b>		Connect to an external screen · Connection mode: Connect the device to a monitor with a USB-C to HDMI/VGA/DP adapter · A/V display mode options: Clean Program, Preview, Multi-view, Duplicate Screen, Loop HDMI 1, Loop HDMI 2 · Image rotation: Rotate 90° to left, or rotate 90° to right · Supports using an external touchscreen to control the device in the Duplicate Screen mode Connect to a computer · MTP mode: Transfer video, picture, audio and other media files, firmware update files, log files, etc. · UVC/UAC mode*: Output audio and video to streaming software * To transfer video at full frame rate, please use a USB 3.0 cable to connect the USB 3.0 port of your computer. Connect to other USB devices, such as USB A/V devices, USB keyboard
<b>Features</b>	Show	Supports creating multiple shows in landscape (16:9) or portrait (9:16) mode, and manage them Supports creating a shows at 60/59.94/50/30/29.97/25/24/23.98 fps
	Scenes	Supports creating multiple scenes in a show, and managing them Supports adding various sources, including HDMI, Webcam, video, picture, RTMP stream, SRT stream, NDI stream, text and color Supports multi-view composition in one scene Provides lots of editing tools, including chromakey, crop, transition, etc Supports switch scenes directly or preview at first and then switch Supports switching scenes with an instant cut or fade effect
	Audio	Supports displaying level and peak through audio meter Supports adjusting the level of each input audio, output and monitor audio Supports global or scene-based settings for audio input sources Supports AFV (Audio-follow-video) Supports solo monitor Supports switching monitor device
	GFX	Supports multiple GFX types, including title, lower third, animated text, digital clock, analog clock, bullet list, social media, logo, scoreboard, timer, stopwatch, custom picture and text Supports HTML graphics Supports displaying multiple GFXs, and managing them Supports controlling scoreboard, timer and stopwatch in real time
	BGM	Supports adding BGM for each scene and controlling in real time
	Pen	Annotates on the screen in real time
	PTZ Control	Supports controlling PTZ camera via the network, supporting Visca UDP, supported sources including HDMI, Webcam (UVC camera), SRT stream, RTMP stream, and NDI stream
	Live Stream	Natively supports streaming to YouTube, Twitch and Facebook Live Supports selecting RTMP or HLS protocol for streaming to YouTube Supports streaming via SRT, RTMP and RTMPS protocols Supports two NDI@HX3 outputs, supporting NDI Tally lights Supports customizing encoding parameters and selecting the encoding source (Program, HDMI, Webcam) for ISO streaming Supports streaming to two destinations simultaneously Supports sending live comment as an overlay into the video feed when streaming to social media
		Record Supports customizing encoding parameters Supports ISO recording, to record two of different sources simultaneously, or record two-channel images with different quality for one source, and supported sources include Program, HDMI, Webcam as well as NDI HX2 and NDI HX3 stream Supports saving recording files in MP4 or MOV format to local storage or SD card Supports saving screenshot files in PNG format to local or SD card Supports splitting recording files by time or size, up to 4 hours or 16G Supports exporting or downloading files through computer, SD card, USB flash drive, or Web UI
<b>Network</b>		Supports Ethernet, Wi-Fi and Cellular · Ethernet: 1x RJ45 port, 10/100/1000 Mbps Base-T · Wi-Fi: 2.4G/5G, Station and Hotspot modes supported · Cellular: USB modem supported (not supplied) Supports Bluetooth for audio input or output with Bluetooth devices, and also supports Bluetooth keyboard, etc. · Bluetooth: BT 5.0
<b>Storage</b>	Local Storage	64GB
	SD Card (not supplied)	FAT32 (Under 128G), NTFS, exFAT
<b>Power</b>	AC Power	Power input: 12V/1.5A Maximum power consumption: 15W
	Battery Pack	2x DC 7.4V (NP-F battery packs, not supplied) Hot swappable
<b>LED Light</b>	Tips: The two back LED lights can be set as battery indicators or NDI tally lights.	
	Battery Indicators (default)	Green: 50% - 100% Orange: 25% - 50% Red: <25% Off: depleted
	NDI Tally Lights	Red: the NDI streaming signal is in PGM view. Green: the NDI streaming signal is in PVW view
<b>Working Environment</b>	Operating Temperature	-10 to 50 deg C (AC power)
	Storage Temperature	-20 to 70 deg C
	Relative Humidity	5% to 90% non-condensing

Feature List

OBSBOT Talent				
Product Name		OBSBOT Talent		
Positioning		All-In-One Multi-Cam Live Streaming & Production Studio		
Tagline		All in One, One to All		
Introduction		Experience the Ultra Live Streaming and Production capabilities with OBSBOT. Introducing the OBSBOT Talent, a truly bound-breaking studio that offers extensive connectivity for OBSBOT Camera and Webcam products. This device facilitates various connection methods, while its built-in production features make it easier to integrate everything you need for your videos.		
Features				Description
Streaming Possibilities	All-In-One Video Input	Encoder, switcher, recorder, monitor, controller in One device		Being a combination of encoder, switcher, recorder, monitor, the OBSBOT Talent can be the control center of the OBSBOT ecosystem to supervise, manage and record the video in real-time and even put the video signal to live streaming online.
		Powerful, Multiple Interfaces Support	Ethernet	For ensuring the maximum compability and diversity, the OBSBOT Talent features multiple interfaces for video capturing with the HDMI, USB-C, SD card and even Ethernet port, as well as two 3.5mm audio slot for audio input and monitor. Otherwise, the extra cellular connection is able to be realised with a dongle input.
			USB 3.0	
			USB-C OUT	
			SD Card	
			3.5mm Audio Slot*2	
			Two HDMI Inputs	
			Phone Source	
			Cellular Connection	
		Various Captures Source	Live switch up to 7 video sources (HDMI*2, USB*2, Networks*3)	OBSBOT Talent supports versatile video input&output method like the HDMI, USB port, NDI, SRT and RTMP streams, after resourcing it, the assets can be outputted via Wi-Fi, 4G LTE or Ethernet to up to six destinations such as Facebook, YouTube, or Twitch using RTMP or SRT.
			NDI Support	
			SRT Support	
			RTMP	
			Local Media File	
Hardware	AMOLED Touchscreen			The Amoled FHD touchable 5.44" screen brings a premium and immersive experience for users to supervise the input video image in real-time, the crystal-clear performance of the screen can be touched for more specific and easier interaction for realizing the features and the switchment of different scenes.
	Aluminum alloy body with Built-in Cooling Fan			OBSBOT Talent uses Aluminum alloy material for the device body, to have a better thermal conductivity, with a exclusive-designed built-in cooling fan, you can always have a comfort using experience without sacrificing the amazing and smooth performance of the device.
	Tally Light Support			The OBSBOT Talent's indicator light can be set as a tally light, giving you an at-a-glance way to see if the device is broadcasting or recording live. No more guesswork - the tally light lets the whole crew instantly recognize the on-air status, keeping things running smoothly during multi-camera shoots or livestreams.
	OBSBOT Exclusive Features	PTZ Control		OBSBOT Talent has one of the most seamless connection with OBSBOT products, with inner control panel, you can directly control the PTZ gimbal, AI Auto Tracking, Preset Modes and more features to make your livestream scene more efficient, more professional and with more possibilities.
		AI Auto Tracking		
		Remote Control Compatibility		
		Multi-Cam Recording		
		OBSBOT Cloud-Coming Soon		
	GFX- Overlays	PIP (Picture in Pictue)		Besides the amazing video compatibilities, OBSBOT Talent is able to achieve more powerful VFX wo expand massively the imagination during the live stream operation, the widely applicable video effects like PIP, Scoreboard, Countdown Timer would bring your live stream production to the real next-level.
		Comments Overlay		
		Scoreboard		
		Countdown Timer		
		LOGOS		
		Time Code(TBD)		

Video Editing Capabilities	Video Production Workflow	Audio Mixing		OBSBOT Talent makes your live stream production ease and efficient, users can control the audio mixing in the device's interface, input an extra video source or PDF via SD card, take a instant replay and start live streaming simultaneously to multiple destinations.
		Built-in Chroma Key		
		Video Sources and PDF via SD Card		
		Instant Replay		
		Cellular Bonding		
		ISO Recording		
	Adaptive Screen Rotation			OBSBOT Talent handles well the live stream in horizontal view, as well in vertical view, which fits various needs for different streaming platforms.
Lower Bandwidth. Highest Quality.	H.264 & H.265		OBSBOT Talent equipped with Advanced Video Coding(AVC) and High-Efficiency Video Coding (HEVC), also known as H.264 and H.265. With the latest technology HEVC, it achieves a remarkable reduction of over 50% in bandwidth requirements while preserving the highest video quality.	
Others	Portability & Mobility	Compact size, fit into your backpack		
	Minimum Setup	No computer/desk workstation/professional crew required		OBSBOT simplifies the streaming experience for both amateur and professional users. Unlike other complex setups, OBSBOT requires minimal configuration, allowing you to focus on your content rather than technical complexities. Its user-friendly operation makes it accessible to streamers of all skill levels, from beginners to seasoned professionals.
	Control Methods	Web Control		The OBSBOT Talent is controllable not only by the direct touch, but also can be controller by web, App, and remote controller.
		Screen Control		
		Phone Camera Control-Coming Soon		
		Tail Air Smart Remote Controller		

## Benchmark

	OBSBOT Talent	Yololiv Yolobox (Pro & Ultra)	Blackmagic Design-Atem Mini Pro Series (Extreme ISO as example)	Feelworld Multi Camera Video Mixer Switcher (L4 as example)
Price	USD 1,299	USD 1298-1,598	USD 295-1,495	USD 299-539
Dimension	147.2 mm x 90 mm x 28.5 mm	210 mm*140 mm*27.1 mm		260 mm*130 mm*82 mm
Weight	402g	981g		1.48kg
Screen	5.44" AMOLED Touchable Screen	8" LCD Touchscreen Control	/	5.5"/10.1" LED Touchscreen
4K Streaming	NO Up to 1080p@60	YES 1080p(up to 60fps)/4k 30fps	NO 1080p@60	NO 1080p@60
Video Input	2*HDMI 2.0; 2*USB-A 3.0; Phone Camera; RTMP; SRT; NDI;	4*HDMI, USB-A, USB-C, RJ-45	4*HDMI/8*HDMI/SDI	4*HDMI, 1*SDI
Video Output	USB-C	Connector: HDMI OUT, USB-C Protocols: RTMP, RTMPS, MJPEG, SRT	HDMI*2 ; USB-C*2;	HDMI 1.3; 3G SDI; USB 3.0
Video Switch	YES	Auto-Switching	YES	YES
Screen Ratio	16:9	16:9	/	NO
HDMI Support	YES	YES	YES	YES
USB Support	YES	USB 2.0 and USB 3.0	YES	USB 2.0 and USB 3.0
RTMP Support	YES	YES	YES	/
NDI Support	YES	YES	NO	NO
SRT Support	YES	YES	NO	NO
SDI Support	NO	NO	Need Extra Accessories	YES
PTZ Control	YES	NO ( Only availaible via VISCA control )	NO	YES
VISCA Control	YES	YES	NO	YES
Phone Control	YES	NO	NO	YES
Web Control	YES	NO		
Ethernet Control	YES	YES	Ethernet supports 10/100/1000 BaseT for live streaming, software control, software updates and direct or network panel connection.	YES
Phone Camera Input	YES	/	NO	NO
Multi View	YES	YES	YES	YES
GFX (Graphic Effects)Support	YES	YES	NO	NO
Picture in Picture	YES	YES	YES	YES
Video Effects(Transition)	YES	YES	YES	YES
Chroma Key	YES	YES	YES	YES
Direct Live Stream	YES	Facebook, YouTube, or Twitch	Direct Streaming ATEM Mini Extreme ISO supports direct live streaming using Real Time Messaging Protocol (RTMP) over ethernet or a shared mobile internet connection over USB-C.	NO
Recording/Live Streaming	YES	YES	Direct Recording 1 x USB-C 3.1 Gen 1 expansion port for external media to direct record a .mp4 H.264 with AAC audio at the ATEM video standard.	NO
Insert BGM	YES	YES	NO	NO
Vertical Mode	YES	YES	NO	NO
MTP Mode	YES	/	NO	NO
UVC Mode	YES	YES	YES	YES
Connection	Ethernet, Wi-Fi, Cellular, Bluetooth, USB Modem	Ethernet, Wi-Fi, Cellular, Bluetooth, USB Modem	Ethernet	/
ISO Recording	YES	YES	YES	NO
Encoder	H.264; H.265	H.264; H.265	H.264	/
Endurance	Battery needs extra purchase 7800mAh-3 hours 30 minutes 2200mAh-2 hours 20 minutes	Up to 6 hours	/	/
Battery Capacity		6800mAh	/	/
Product Link	<a href="https://www.magewell.com/director-mini">https://www.magewell.com/director-mini</a>	<a href="https://www.yololiv.com/yoloboxUltra">https://www.yololiv.com/yoloboxUltra</a>	<a href="https://www.blackmagicdesign.com/products/atemmini">https://www.blackmagicdesign.com/products/atemmini</a>	<a href="https://feelworld.it/collections/video-mixer-switcher/products/feelworld-l4-multi-camera-video-mixer-switcher-10-1touch-screen-usb3-0-fast-streaming">https://feelworld.it/collections/video-mixer-switcher/products/feelworld-l4-multi-camera-video-mixer-switcher-10-1touch-screen-usb3-0-fast-streaming</a>

## FAQ

Questions (EN)	Answers (EN)
How can we add a large monitor to watch the video from OBSBOT Talent on a large screen?	You can connect to an external screen via the USB-C OUT interface. Use a Type-C to HDMI/VGA/DP adapter to connect the USB-C OUT interface to the external screen, then follow the device prompts to select the display content. Options include showing the live feed, mirroring the main screen, HDMI 1 loop-out, or HDMI 2 loop-out.
Will OBSBOT Talent record audio from its built-in or connected USB microphone sources?	OBSBOT Talent does not have a built-in microphone, but it can record audio via an externally connected microphone through USB or capture the Audio via the microphone of cameras.
Can the OBSBOT Talent be used as a "webcam" output to software like Zoom or Microsoft Teams?	Yes. Simply set the USB-C interface to UVC+UAC mode in "Settings->USB Type-C", and then connect the Talent's USB-OUT interface to your computer using a USB cable.
Does the OBSBOT Talent input/output Stereo Audio?	Yes, OBSBOT Talent supports stereo audio input and output.
What is the resolution and frame rate for the OBSBOT Talent's HDMI output? Can it be changed?	To change the output format, connect an external display via the USB-C OUT interface. Use a Type-C to HDMI/VGA/DP adapter to connect the USB-C OUT interface to the external display, then follow the device prompts to select the display content. Supported output formats are 1920x1080@60Hz or 1920x1080@50Hz.
Does the OBSBOT Talent support input from NDI or network cameras?	Yes, OBSBOT Talent supports NDI or webcam input.
When an SD card with videos or PDF files is inserted, will OBSBOT Talent still be able to record to the SD card?	Yes, the OBSBOT Talent can still support recording videos to the SD card in this situation.
Can I connect a camera wirelessly to the OBSBOT Talent?	Yes, the Talent supports wireless connections via RTMP, SRT, and NDI.
Can I do PTZ (Pan-Tilt-Zoom) Control using OBSBOT Talent?	Yes. When connected to the OBSBOT Tiny 2, PTZ control can be performed via UVC. When connected to the OBSBOT Tail Air, PTZ control can be performed via UVC or NDI. If connected to other signal sources that support VISCA UDP or NDI protocols, PTZ camera control is also possible.
Can I use OBSBOT Talent with vMix software?	Yes, the OBSBOT Talent is compatible with vMix software