OBSBOT

OBSBOT Talent Web UI

User Guide

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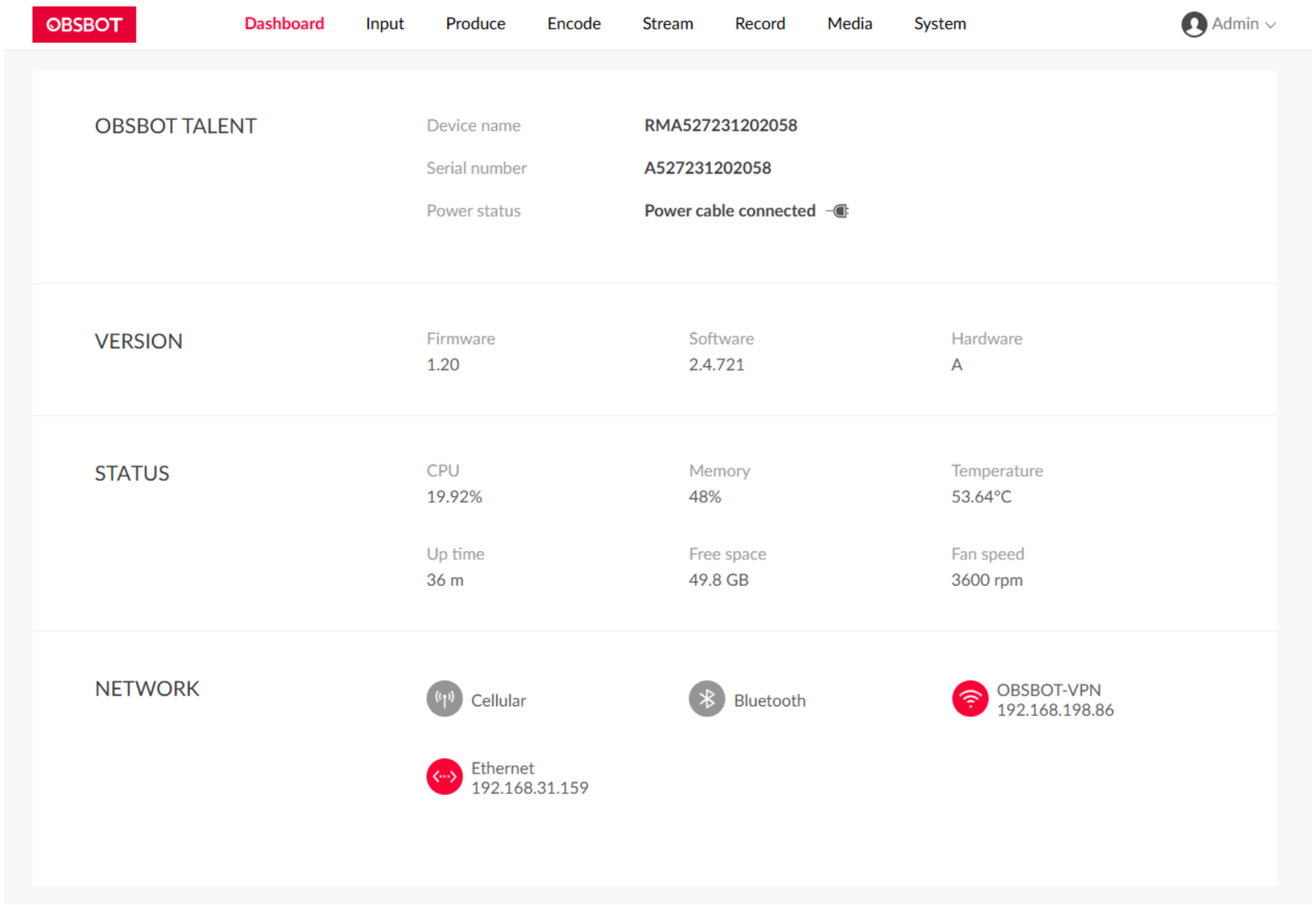
Overview

OBSBOT Talent provides a Web UI for user to check device status, configure device functions, control and manage content of show, and more. After a computer connects to the same network as OBSBOT Talent, the computer can access the Web UI of OBSBOT Talent.

Web UI Layout



You can use the tabs at the upper part of the Web UI to navigate:

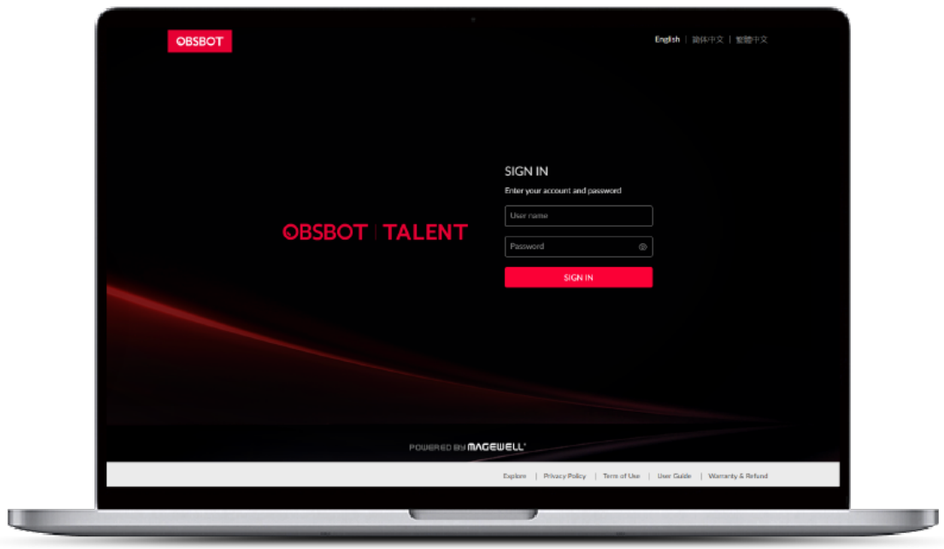
- **Dashboard**: Displays basic device information, device status, and network status.
  This is the page displayed when you log into the Web UI.
- **Input**: Displays input information, and set no signal image.
- **Produce**: Preview program image, manage shows, control scenes, GFX and audio, and set shortcuts for the USB keyboard connected to the device, etc.
- **Encode**: Set parameters for Encode 1 and Encode 2.
- **Stream**: Configure stream servers and start or stop streaming at any time.
- **Record**: Start or stop recording, take screenshots of the program output, and manage files in the Album.
- **Media**: Upload and manage pictures, videos, and music.
- **System**: Configure and maintain the system, including general settings, network settings, security,firmware update, user administration, logs.

  > The system configuration and maintenance functions are available only to the Admin user, not to common users.

In the user information area at the upper right corner, you can also change password, log out, and reboot the device.

> The device reboot function is available only to the Admin user, not to common users.

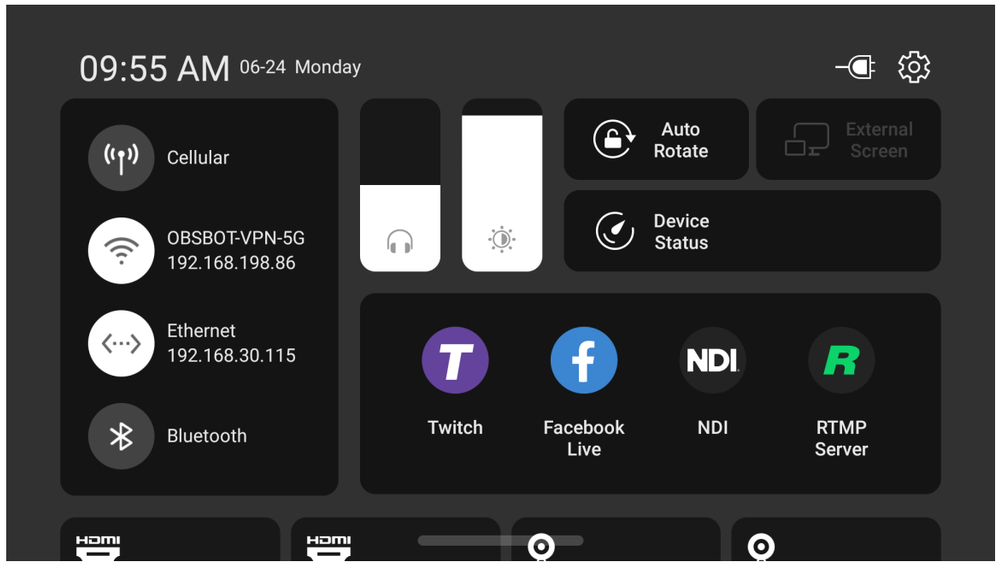
Log Into the Web UI



Access the Web UI

OBSBOT Talent can connect to a network via Ethernet or Wi-Fi. After OBSBOT Talent is connected to a network, you can use flexible methods to access its Web UI, including:

Access Method	Requirements
Use an Ethernet/Wi-Fi IP address	The Ethernet/Wi-Fi IP address of OBSBOT Talent has been obtained.
Use MDNS	The computer and OBSBOT Talent are in the same LAN.
Use Windows network discovery	On a Windows Operating system.



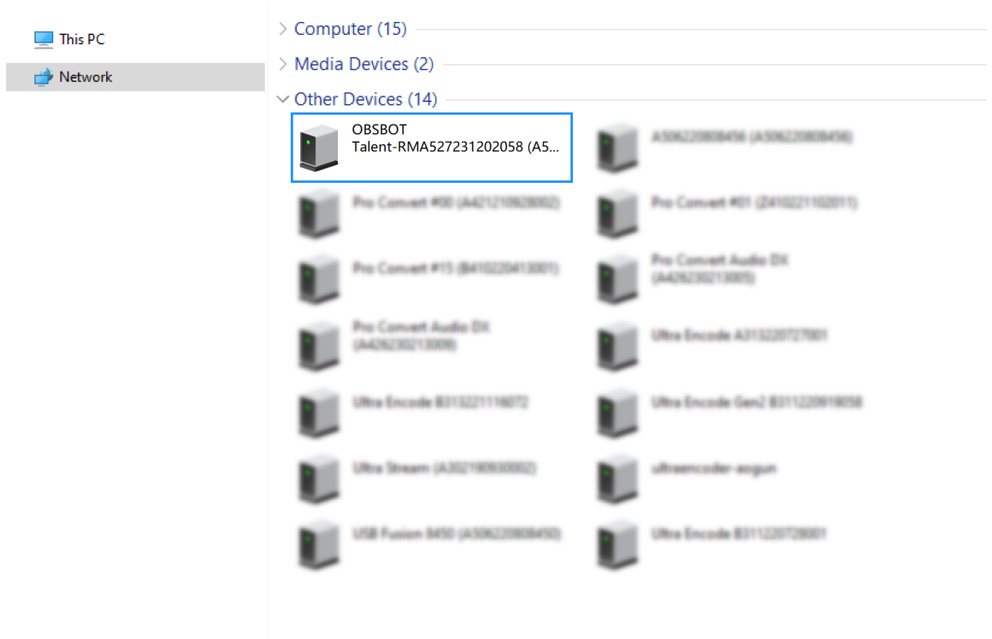
Use an Ethernet/Wi-Fi IP Address

1. Ensure that OBSBOT Talent is powered on and has connected to a network. For the network settings of OBSBOT Talent, please refer to *OBSBOT Talent User Manual*.
2. Swipe down from the top of the device's main screen to open the Control Center, where you can find the IP address of the Ethernet or Wi-Fi.
3. Connect your computer and OBSBOT Talent to the same network.
4. On the computer, open a browser, enter the IP address, and press **Enter**. Then you can see the Web UI login page.

Use MDNS

OBSBOT Talent supports multicast DNS (mDNS), a simple, easy to build, user friendly network discovery protocol. Thus, you can access the Web UI more quickly.

1. Ensure that OBSBOT Talent and your computer is in the same local network.
2. On the computer, open a browser, enter *device name*.local, and press **Enter**. Then you can see the Web UI login page.
   - The default device name is "RM + Serial Number", for example, RMA511220416050. You can customize the device name.
   - The serial number of OBSBOT Talent is the one that can be found on the back of device, for example, A511220416050.



Use Windows Network Discovery

OBSBOT Talent supports SSDP-based network discovery, which you can use to access the device.

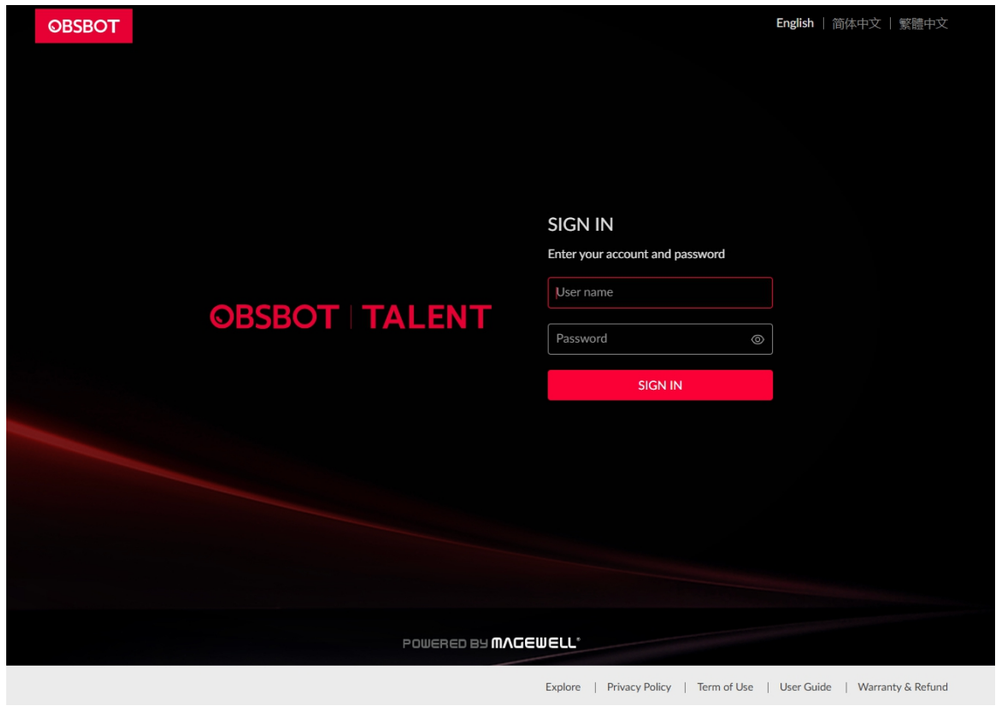
On Windows, you can use the File Explorer to discover OBSBOT Talent. This method applies to Windows 7 and later.

The following uses Windows 10 as an example.

1. Ensure that OBSBOT Talent is powered on and has connected to a network. For the network settings of OBSBOT Talent, please refer to *OBSBOT Talent User Manual*.
2. Connect your computer and OBSBOT Talent to the same network.
3. On the computer, open **File Explorer**. You can:
   - Click the **Start** button , and select **File Explorer** in the start menu.
   - Hold down the key and press E on your keyboard.
4. At the left panel of **File explorer**, click **Network**.
   If network discovery is disabled, you need to first enable it by referring to the following method:
   Choose > , then choose **Network and Internet** > **Network and Sharing Center** > **Change advanced sharing settings**. Under the current network (the one marked as **current profile**), click **Turn on network discovery**.
5. In the **Other Devices** area, the name of OBSBOT Talent device is displayed as "OBSBOT Talent + Device Name (Serial Number)". Find your OBSBOT Talent device based on the **Serial number**.
   - The default device name is "RM + Serial Number", for example, RMA511220416050. You can customize the device name.

- The serial number of OBSBOT Talent is the one that can be found on the back of device, for example A511220416050.

6. Double-click the device icon to access the Web UI login page.



Log Into the Web UI

To ensure system stability and security, OBSBOT Talent grants permissions based on role. The roles and permissions are as follows:

Role	Default Name	Permission
Administrator	Admin	Basic view and configuration permissions, and system management and configuration permissions, which include user management, log management. This role cannot be deleted nor changed name.
Common user	None	Basic view and configuration permissions. No system management and configuration permissions. Common users are created and managed by the administrator.

OBSBOT Talent allows multiple users to simultaneously log in to the Web UI and perform configurations. However, this may lead to previous configurations being overwritten by latter configurations. Therefore, to prevent configuration conflicts, different users should avoid changing configurations at the same time.

- **Sign in**: Enter your account name and password on the Web UI login page.

  > To access the login page, see Accessing the Web UI.

  The default account name is **Admin**, and password is **Admin**, both of which are case sensitive.

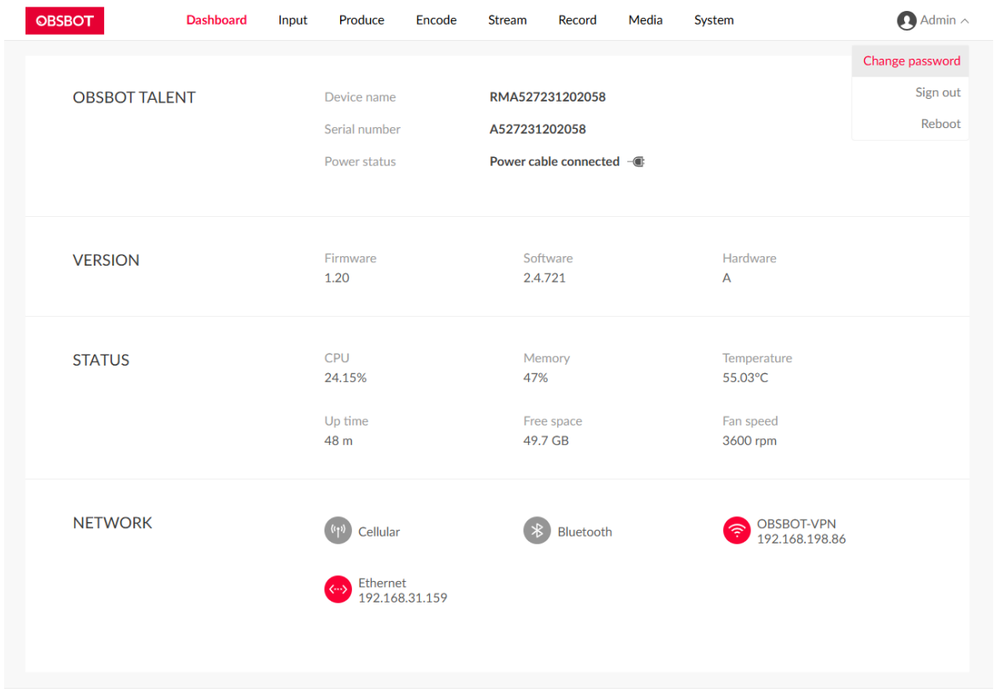
  > The default language is English. You can select your preferred language on the upper right corner of the login page.

  If you forget the login password:

  - For a common user: Use the admin account to reset your password. For details, see Reset the Password.
  - For the administrator: Reset the device, and use the default admin account to log in. For details about device resetting, please refer to the *OBSBOT Talent User Manual*.

- **Sign out**: After you log in, click the user name at the upper right corner, and click **Sign out**.

  After using the Web UI, make sure you log out so as to prevent unauthorized access.



Change the Login Password

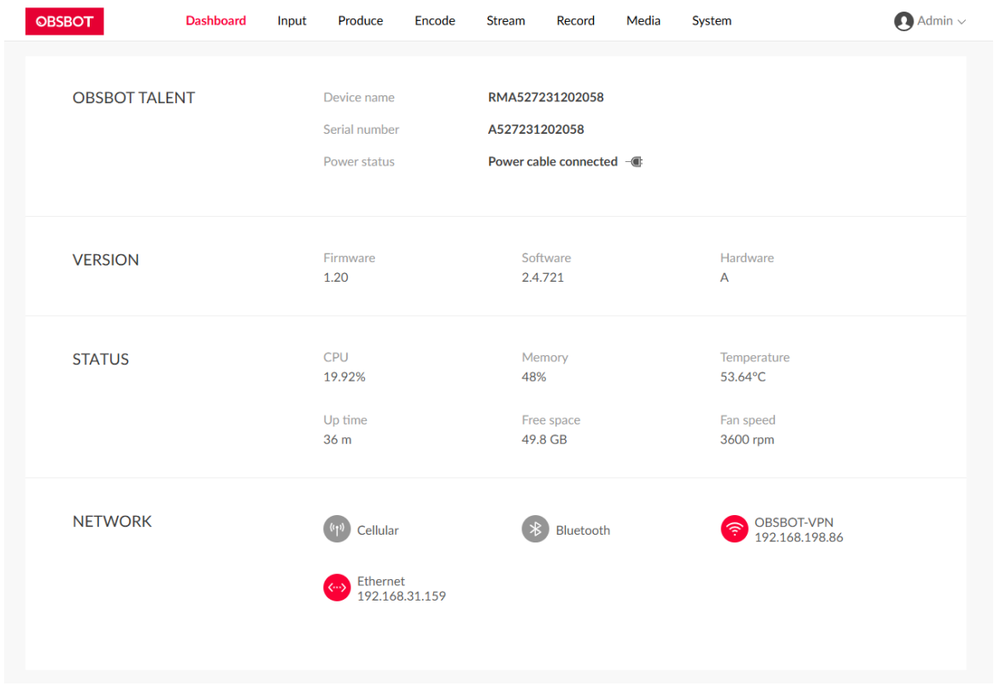
Periodically changing the login password can improve your account security.

> For account security, you are advised to change the default password for the Admin user.

1. Log in to the Web UI.
2. Click the user name at the upper right corner, and click **Change password**.
3. In the displayed dialog box, enter the old password, new password, and confirm the new password.
   The password is case sensitive, ranging from 1 to 32 characters. Supported characters are as follows: A-Z, a-z, 0-9, and special characters _~!@#$%^&*-+=
4. Click **OK**.

Besides changing its own password, the Admin user can also reset passwords for common users. For details, see Reset the Password.

View Device Information



When using OBSBOT Talent, you can learn about the device information on the **Dashboard** page of the Web UI.

Basic Information

The **OBSBOT Talent** area displays the basic information of the device.

- **Device name**: the connected OBSBOT Talent device's name.
  This name can be changed on System > General. Only the Admin user can set the device name on the Web UI.
- **Serial number**: the serial number of the connected OBSBOT Talent device. The serial number can also be found on the device.
- **Power status**: the power connection status, displaying the power cable or the battery status.

Version Information

The **VERSION** area displays the version information of the device

- **Firmware**: the firmware version of OBSBOT Talent device.
- **Software**: the software version of OBSBOT Talent device.
  After you update firmware, you can view software version to check whether the update succeeds.
- **Hardware**: the hardware version of OBSBOT Talent device.

Device Status

The **STATUS** area displays the running status of the device.

- **CPU**: the CPU usage of OBSBOT Talent device, in percentage.
- **Memory**: the memory usage of OBSBOT Talent device, in percentage.
- **Temperature**: the temperature of the chipset on OBSBOT Talent device. To avoid overheat, ensure that device is working in a well-aired environment with proper temperature. When the temperature approaches 90 degrees, you need to reduce the temperature, such as by using a fan.
- **Up time**: the duration that OBSBOT Talent device keeps running since last startup.
- **Free space**: the available storage of OBSBOT Talent device.
- **Fan speed**: the rotation speed of the fan per minute. This changes based on the temperature of OBSBOT Talent device.

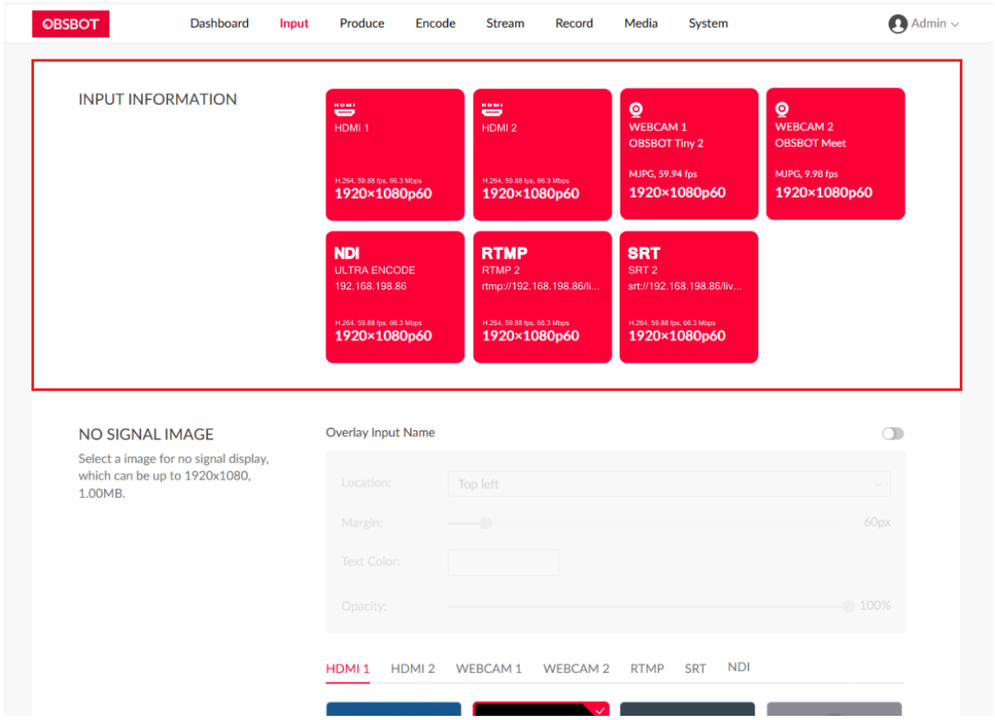
Network Information

The **NETWORK** area displays the network connection information.

- **Cellular**: the cellular network information if a USB Modem is connected.
- **Bluetooth**: the name of the Bluetooth device connected with the device.
- **Wi-Fi**: the name and IP address of the Wi-Fi.
- **Ethernet**: the IP address of the Ethernet.

View Input

In the navigation bar at the upper part of the Web UI, click **Input** to view input information and set no signal image.



View Input Information

The **INPUT INFORMATION** area displays the information of the input sources of current show, in which HDMI and WEBCAM are always displayed, while IP inputs and phone camera are displayed when they are added to scenes.

- **HDMI 1**: the input status of the HDMI 1 port
  - *Format*: the color format of HDMI input, such as YUV and RGB
  - *Real-time frame rate*: the real-time frame rate of HDMI input
  - *Resolution/frame rate*: the original resolution and frame rate of HDMI input, such as 1920x1080p60
  - *Disconnected*: no input source connected.
- **HDMI 2**: the input status of the HDMI 2 port
  - *Format*: the color format of HDMI input, such as YUV and RGB
  - *Real-time frame rate*: the real-time frame rate of HDMI input
  - *Resolution/frame rate*: the original resolution and frame rate of HDMI input, such as 1920x1080p60
  - *Disconnected*: no input source connected
- **WEBCAM 1**: the input status of WEBCAM 1
  - *Device name*: the device name of WEBCAM 1
  - *Format*: the video format of WEBCAM input, such as YUYV, NV12 and

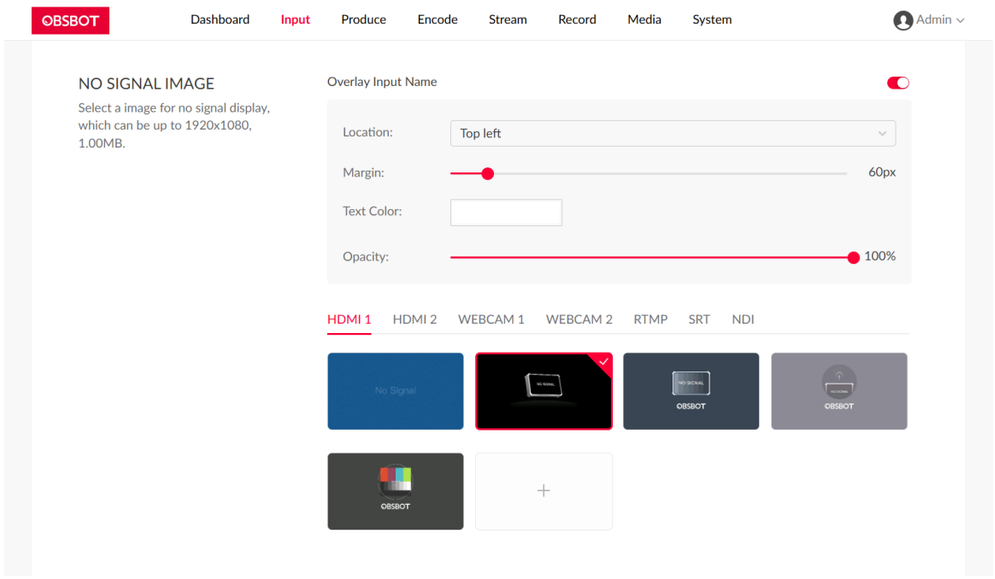
MJPEG

- *Real-time frame rate*: the real-time frame rate of WEBCAM 1
- *Resolution/frame rate*: the resolution and frame rate of WEBCAM 1 which is set when you add the source in a scene, such as 1920x1080p60
- *Disconnected*: no input source connected or added to a scene

- **WEBCAM 2**: the input status of WEBCAM 2
  - *Device name*: the device name of WEBCAM 2
  - *Format*: the video format of WEBCAM input, such as YUYV, NV12 and MJPEG
  - *Real-time frame rate*: the real-time frame rate of WEBCAM 2
  - *Resolution/frame rate*: the resolution and frame rate of WEBCAM 2 which is set when you add the source in a scene, such as 1920x1080p60
  - *Disconnected*: no input source connected or added to a scene
- **NDI®**: the input status of NDI stream
  - *Stream name*: the name of NDI stream
  - *URL*: the URL of NDI stream
  - *Codec*: the codec information of NDI stream, such as H.264 and H.265
  - *Real-time frame rate*: the real-time frame rate of NDI stream
  - *Bitrate*: the real-time bitrate of NDI stream
  - *Resolution/frame rate*: the original resolution and frame rate of NDI stream
  - *Disconnected*: no NDI input signal
- **RTMP**: the input status of RTMP stream
  - *Stream name*: the name of RTMP stream

- *URL*: the URL of RTMP stream
- *Codec*: the codec information of RTMP stream, such as H.264 and H.265
- *Real-time frame rate*: the real-time frame rate of RTMP stream
- *Bitrate*: the real-time bitrate of RTMP stream
- *Resolution/frame rate*: the original resolution and frame rate of RTMP stream
- *Disconnected*: no RTMP input signal

- **SRT**: the input status of SRT stream
  - *Stream name*: the name of SRT stream
  - *URL*: the URL of SRT stream
  - *Codec*: the codec information of SRT stream, such as H.264 and H.265
  - *Real-time frame rate*: the real-time frame rate of SRT stream
  - *Bitrate*: the real-time bitrate of SRT stream
  - *Resolution/frame rate*: the original resolution and frame rate of SRT stream
  - *Disconnected*: no SRT input signal



Set No Signal Image

In the **NO SIGNAL IMAGE** area, you can choose to overlay input name and select a image for no signal display.

Overlay Input Name

1. Toggle on the the switch of **Overlay Input Name**.
2. Select the location where to display the input name.
3. Drag the slider to adjust the margin.
4. Select the text color.
5. Drag the slider to adjust the text opacity.

Select No Signal Image

You can select a default or custom image for no signal display, which can be up to 1920x1080, 1.00MB.

1. In the **NO SIGNAL IMAGE** area, click **HDMI 1/2, WEBCAM 1/2,** RTMP, SRT **or** NDI** tab to select image for different source.
2. Click **+** to select an image from the Media. If there is no available images, you can click **Upload** to import an image from local.

   > Supported image files are JPEG, PNG, BMP.

3. Click **+** again to add more images.
4. Click one image to set it as the no signal image.

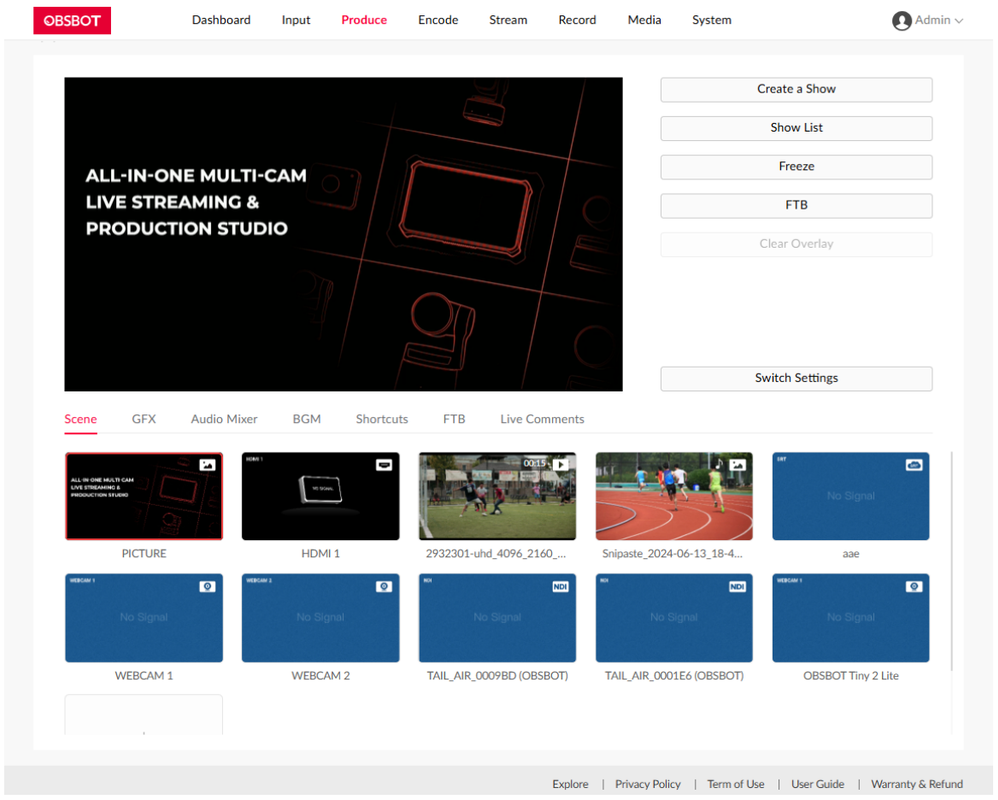
After that, when the source is no signal, it displays the selected image. If no image is selected, it displays the default one.

Delete No Signal Image

1. In the **NO SIGNAL IMAGE** area, click HDMI 1/2, WEBCAM 1/2, RTMP, SRT or NDI tab.
2. Move the cursor over a thumbnail, and click  .
3. Click **Delete** on the menu, and confirm to delete on the popup.
   The default images cannot be deleted.

Produce Your Show

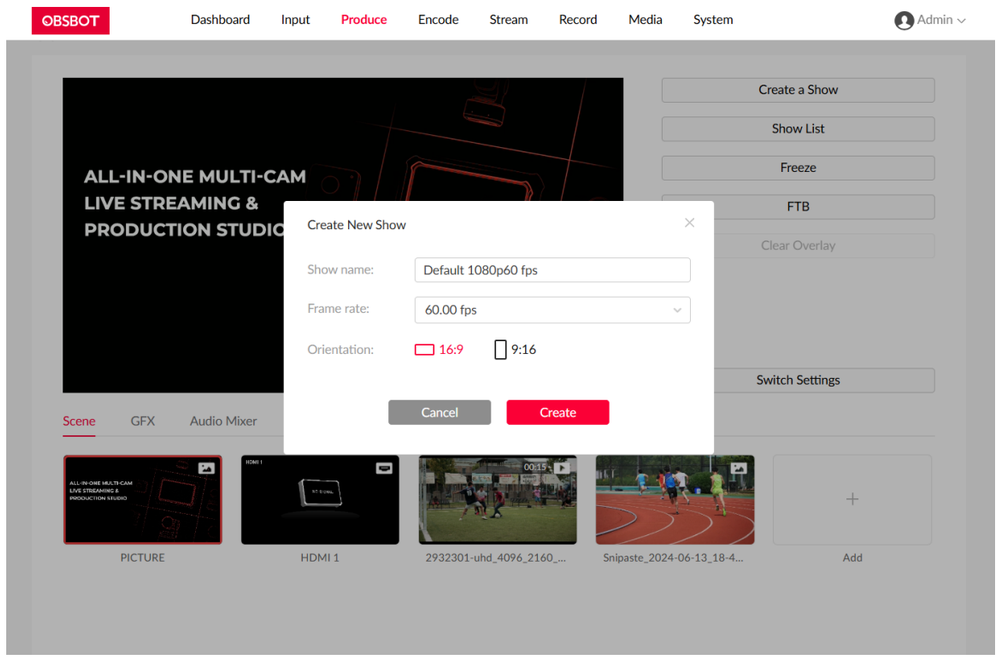
On the Produce page, you can create, manage, import and export shows, control scenes, GFX and audio, etc. You can also set shortcuts for the USB keyboard connected to the OBSBOT Talent device for more convenient control.



Preview Show

At the preview area, it displays the name of current show and the real-time program image with the program audio level.

- Move the cursor over the preview video box, click to monitor audio through the Web UI, and click to mute.
- Move the cursor over the preview video box, click to go to full screen mode, and click to exit.
- Click **Freeze** on the right side to freeze the program image and click **Unfreeze** to unfreeze
- Click **FTB** on the right side to fade the program image into black or the specified image and mute the audio, and click **FTB** again to bring your show back. You can set FTB image and set FTB transition duration.
- Click tabs under the preview area to control scenes, GFX, etc.
- Move the cursor over a tab and click to open it as a new tab, supporting Scene, GFX, Audio Mixer, Shortcuts, and Live Comments. By this way, you can customize your own preferred layout.

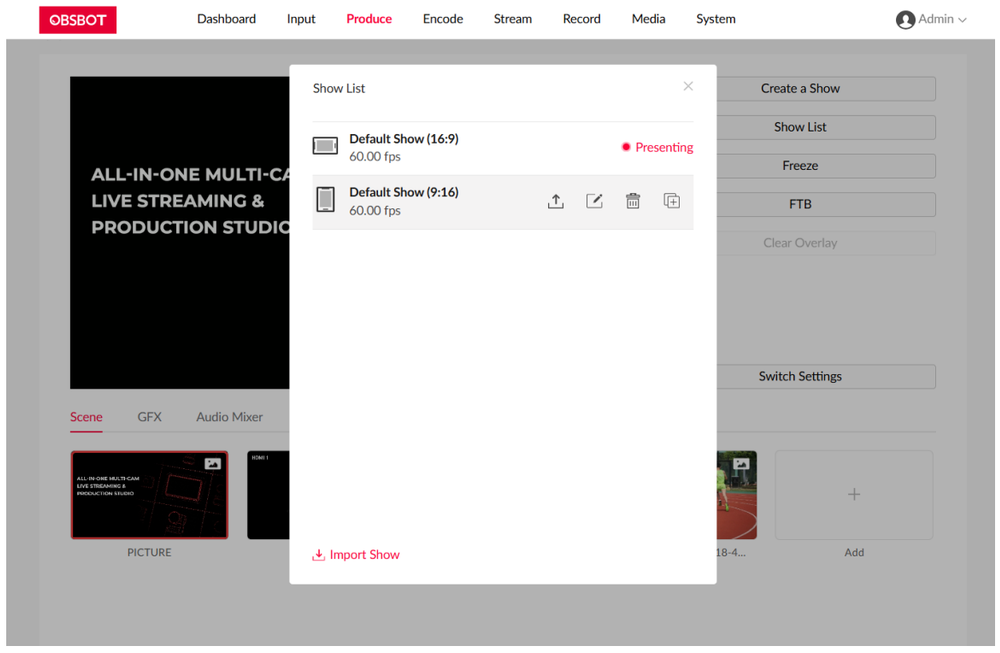


Create and Manage Shows

Create Show

1. Click **Create a Show** on the **Produce** page.
2. Enter your show name.
3. Select the frame rate. Options include 60/59.94/50/30/29.97/25/24/23.98 fps.
4. Choose the screen orientation: 16:9 (landscape), 9:16 (portrait).
5. Click **Create**.

After you create a show, the show is opened as the current show.



Manage Show

The show list displays the name and frame rate of each show, through which you can switch and manages shows.

Switch Show

1. Click **Show List** on the **Produce** page.
2. Click a show name to switch to the show.

Import Show

1. Click **Show List** on the **Produce** page.
2. Click **Import Show** at the bottom left corner.
3. Select a show file (.zip) to import.
   The imported show will be added to the show list.

Export Show

1. Click **Show List** on the **Produce** page.
2. Move the cursor over a show.
3. Click . Then, the show is exported as a .zip file.

Rename Show

1. Click **Show List** on the **Produce** page.
2. Move the cursor over a show.
3. Click .
4. Enter a new name, and click **Save**.

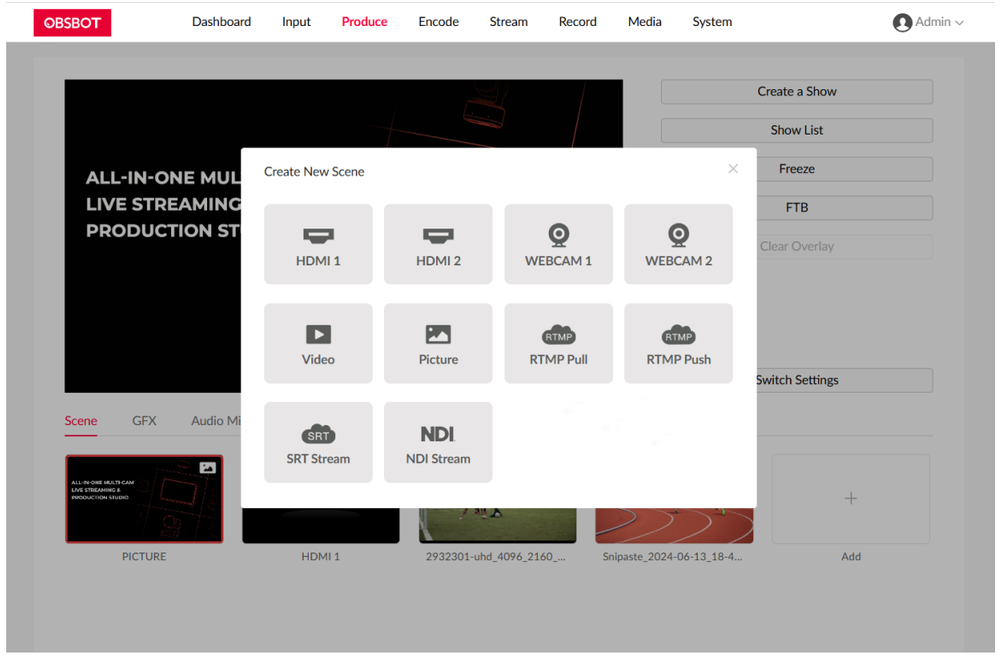
Copy Show

1. Click **Show List** on the **Produce** page.
2. Move the cursor over a show.
3. Click  .
4. Enter a new name, and click **Copy**.
   The new show you created inherits everything from the original show.

Delete Show

1. Click **Show List** on the **Produce** page.
2. Move the cursor over a show.
3. Click  .
4. Confirm to delete on the popup.

> The current presenting show cannot be deleted.



Control Scene

Click the **Scene** tab, it displays the scene thumbnails and names of the current show. Scroll the scene list to view all the scene thumbnails.

Create Scene

You can create single-view scenes.

1. Click the **Add** button.
2. Select a source in the **Create New Scene** window to add.
   - HDMI

     A high-quality external signal from a professional camera, computer, game console, etc. Up to 4K signal input is supported.
   - WEBCAM

     A high-quality external signal from a USB device, such as webcam. Up to 1080p60 signal input is supported. For details, refer to Add WEBCAM.
   - Video Clip

     Select a video file from the media, which can be up to 4K, encoded in H.264, and in MOV, MP4, or MKV format.

     > You can click **Upload** to add more files into the media library.
   - Picture

     Select picture file the media, which can be JPG, PNG or BMP.

     > You can click **Upload** to add more files into the media.

- **RTMP Pull**

  A streaming source pulled via RTMP from a third-party server. Please refer to Add RTMP Pull.

- **RTMP Push**

  A streaming source pushed to OBSBOT Talent via RTMP. Please refer to Add RTMP Push.

- **SRT Stream**

  A streaming source pulled via SRT. Please refer to Add SRT Stream.

- **NDI Stream**

  A streaming source pulled via NDI® HX2 or NDI® HX3. Please refer to Add NDI Stream. It supports H.264 and H.265 codec.

3. Repeat the above steps to create more scenes.

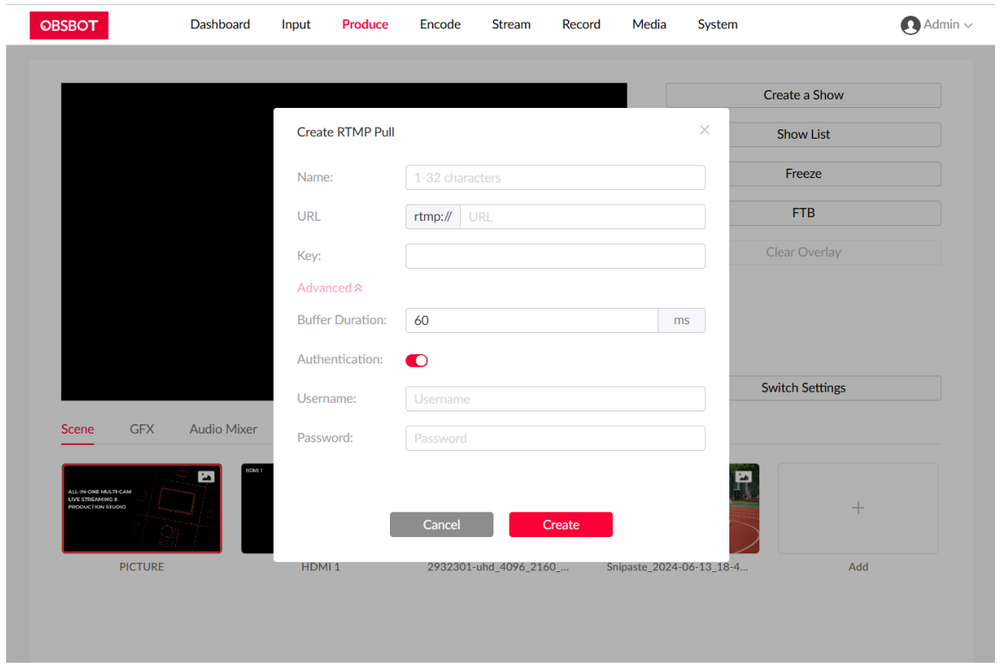
Notice:

- **In the same show**, you can create up to 3 streams, including up to 3 NDI® streams.

Add WEBCAM

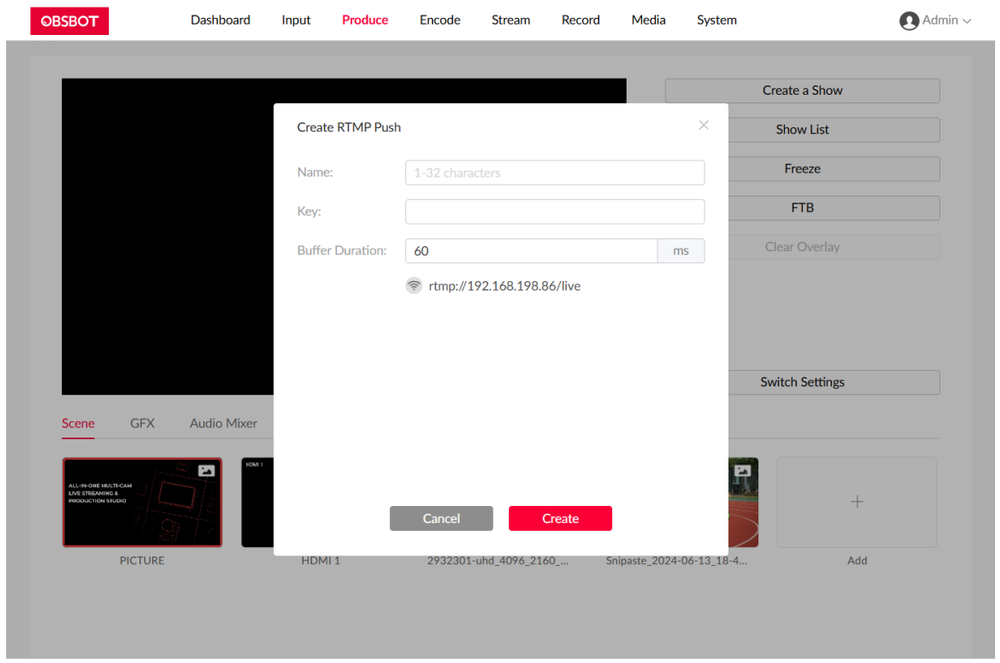
1. Click the **Add** button in the Scene tab.
2. Select **WEBCAM 1** or **WEBCAM 2** in the **Create New Scene** window.
3. Bind a webcam device to WEBCAM 1 or WEBCAM 2 according to the following situations.
   - If one USB device is connected, choose **WEBCAM 1**, then the device will be bound with WEBCAM 1 automatically. When you add **WEBCAM 2**, no-signal screen will be displayed, vice versa.
   - If two or more USB devices are connected, when adding **WEBCAM 1** or **WEBCAM 2**, please select a device on the popup to bind.

You can refer to Edit Scene to select or change the USB device bound to WEBCAM 1 or WEBCAM 2 as well set the WEBCAM's properties.



Add RTMP Pull

1. Click the **Add** button in the Scene tab.
2. Click RTMP **Pull** in the **Create New Scene** window.
3. Enter the following information.
   - **Name**: Specify an alias name for your convenience of multi-item management.
   - **URL**: Enter the RTMP URL of the RTMP server. To add a video stream from a live platform, you can get the RTMP URL from the platform.
   - **Key**: Enter the key set on the RTMP server.
4. (Optional) Click **Advanced** to set the following parameters.
   - **Buffer duration**: It ranges from 20ms to 8000ms, and the default value is 60ms. You can set a short duration when low latency matters.
   - **Authentication**: If the RTMP sender requires authentication, toggle on **Authentication** and enter **Username** and **Password** provided by the RTMP sender.
5. Click **Create**.
6. To add more RTMP streams, repeat step 1 and 2, click **Create Stream**, and operate as step 3 to 5 to finish creation.
7. After a stream is added, its information is recorded in the show. You can select an existing stream when you create a new scene.
8. To edit a stream, please refer to Edit Scene, or you can repeat step 1 and 2 and then click to make changes.
9. To delete a stream, you can delete all the scenes containing this stream, or delete the stream source in all the relative scenes on the device.



Add RTMP Push

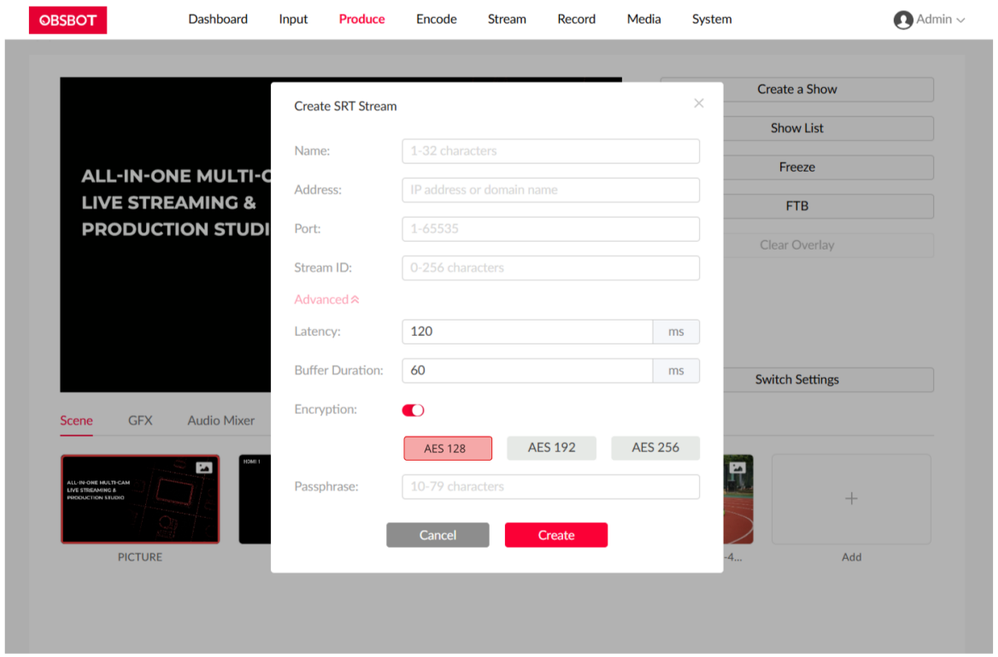
As is to send RTMP streams to OBSBOT Talent, the IP address of OBSBOT Talent is the destination.

1. Click the **Add** button in the Scene tab.
2. Click RTMP **Push** in the **Create New Scene** window.
3. Enter the following information, and click **Create**.
   - **Name**: Specify an alias name for your convenience of multi-item management.
   - **Key**: Specify a stream key.
   - **Buffer duration**: It ranges from 20ms to 8000ms, and the default value is 60ms. You can set a short duration when low latency matters.

   > A stream address is automatically generated at the bottom of the window, including an Ethernet address and/or a wireless network address. The sender should use this address as the destination address.

4. To add more RTMP streams, repeat step 1 and 2, tap **Create Stream**.
5. After a stream is added, its information is recorded in the show. You can select an existing RTMP stream when you create a new scene.
6. To edit a stream, please refer to Edit Scene, or you can repeat step 1 and 2 and then click to make changes.
7. To delete a stream, you can delete all the scenes containing this stream, or

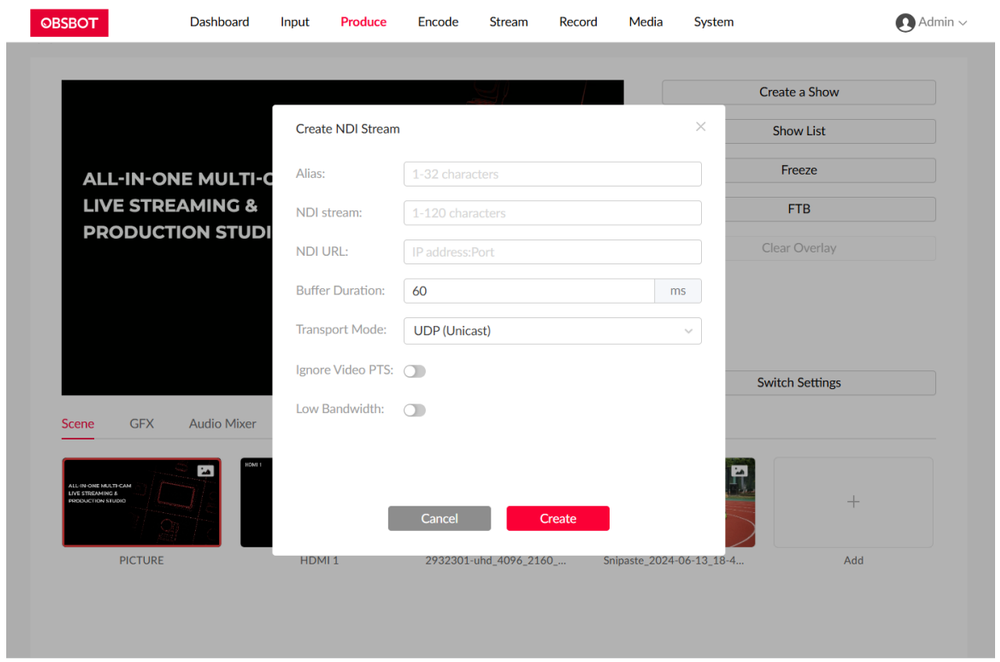
delete the stream source in all the relative scenes on the device.



Add SRT Stream

1. Click the **Add** button in the Scene tab.
2. Click SRT **Stream** in the **Create New Scene** window.
3. Enter the following information.
   - **Name**: Specify an alias name for your convenience of multi-item management.
   - **Address**: Enter the IP address of domain name of the SRT sender.
   - **Port**: Enter the port of the sender. It ranges from 1 to 65535.
   - **Stream ID**: Enter the stream ID of the sender, which can contain 0 to 256 characters. You can leave it empty if the sender has no stream ID.
4. (Optional) Click **Advanced** to set the following parameters.
   - **Latency**: Enter a number between 20 to 8000. The default value is 120. It is recommended that the latency is configured the same as that of the sender.
   - **Buffer duration**: The value ranges from 20ms to 8000ms. The default value is 60ms. You can set a short duration when low latency matters.
   - **Encrypted**: If the stream from the sender is encrypted, toggle on **Encrypted**, select the encryption mode, which can be AES 128, AES 192 or AES 256, and then enter the **Passphrase**.
5. Click **Create**.
6. To add more SRT streams, repeat step 1 and 2, click **Create Stream**, and operate as step 3 to 5 to finish creation.
7. After a stream is added, its URL is recorded in the show. You can select an existing URL when you create a new scene.

8. To edit a stream, please refer to Edit Scene, or you can repeat step 1 and 2 and then click to make changes.
9. To delete a stream URL, you can delete all the scenes containing this stream, or delete the stream source in all the relative scenes on the device.



Add NDI Stream

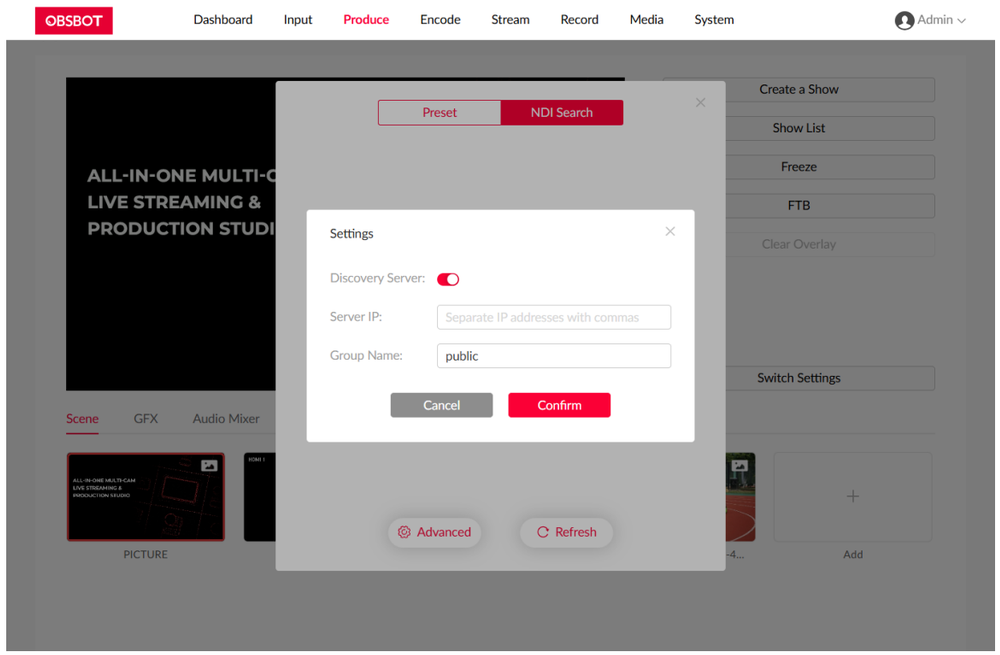
Add NDI Stream Manually

1. Click the **Add** button in the Scene tab.
2. Click **NDI Stream** in the **Create New Scene** window.
3. Click the **Preset** tab, and then click **Create NDI stream.**.
4. Enter the following information.
   - **Alias**: Specify an alias name for your convenience of multi-item management.
   - **NDI stream**: Enter the stream name of NDI source, which is case-insensitive.
   - **NDI URL**: Enter the stream address of NDI source formed like "ip address:port". For example, if you want to add a source named PRO CONVERT (#00 (A409200420003)) 192.168.1.1:5961, fill in the parameter with 192.168.1.1:5961.

     > Either a name or a URL is required when adding a new NDI source. Ensure that the two properties are those of the same unit when you are filling in them both.

- **Buffer duration**: The value ranges from 20ms to 8000ms. The default value is 60ms. You can set a short duration when low latency matters.
- **Transport mode**: Options include UDP (Unicast), UDP (Multicast), RUDP (Unicast), TCP (Uni-connection) and TCP (Multi-connection).
- **Ignore video PTS**: For some video streams with wrong timestamps, toggle on this function to ensure smooth video output.
- **Low bandwidth**: It is recommended to enable this function when the connected network speed is too low to output smooth video. When toggled on, the video stream drops to medium quality and uses significantly less bandwidth.

5. Click **Create** to add the stream to the scene.
6. Repeat the steps above to create more NDI streams.
   When multiple NDI streams are created, you can select one to add to a scene.
7. To edit a stream, please refer to Edit Scene, or you can repeat step 1 and 2 and then click to make changes.
8. To delete an stream, repeat step 1 and 2 and then click .
   If a NDI stream is in one or more scenes, it cannot be deleted. Please delete the source in relative scenes on your device at first, and then delete it.



Search NDI Stream Automatically

1. Click the **Add** button in the Scene tab.
2. Click **NDI Stream** in the **Create New Scene** window.
3. Click **NDI Search**, and it starts searching NDI sources in the same LAN. By default, it searches NDI sources of the public group.
4. Click **Advanced**, enter **Group name**, and Click **Confirm**. Then it starts searching sources in corresponding group(s).
   Group name is case-insensitive, and should contain A to Z, a to z, 0 to 9 and special characters like _-. The group name entry can contain comma-separated values, allowing the device search all the groups listed here.
5. If you toggle on **Discovery server**, it can auto-detect a source sender in different network segment but be able to ping. And the Server IP should be the IP address of the server running discovery server software.
6. Select a detected NDI source in the list to add to the scene. And it is added to the **Preset** list at the same time.

Rename Scene

1. Mover the cursor over a scene, and click ••• .
2. Click **Rename** on the menu.
3. Enter the new scene name, and click **Save**.

Copy Scene

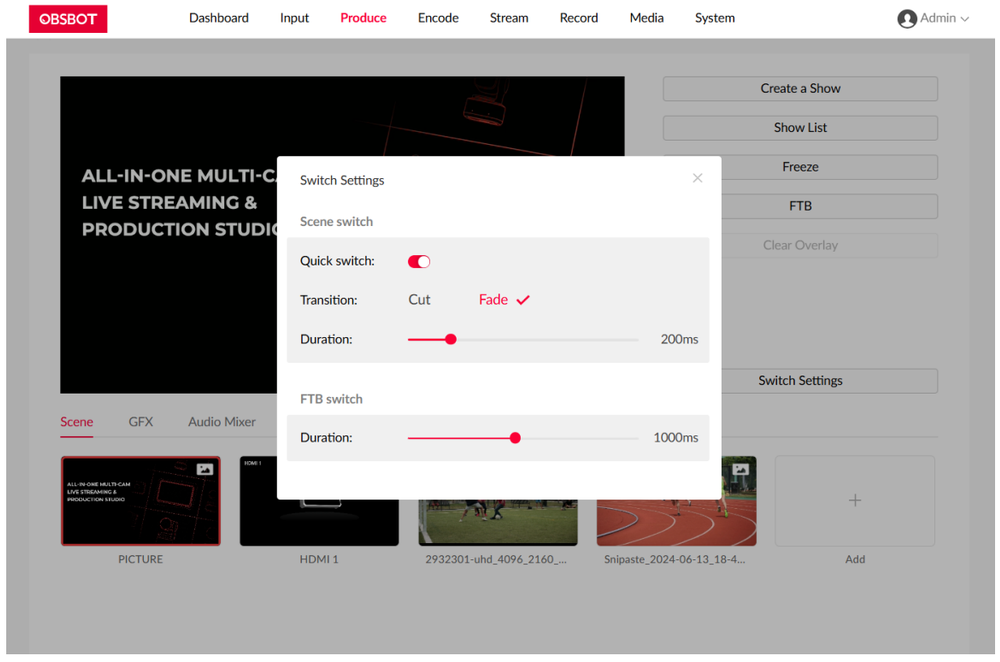
1. Move the cursor over a scene, and click ••• .
2. Click **Copy** on the menu.
3. Enter the new scene name, and click **Copy**.

Edit Scene

1. Move the cursor over a scene containing WEBCAM, or Stream source, and click ••• .
2. Click **Edit** on the menu.
3. Select a source if there are multiple editable sources.
4. Make your changes and click **Save**.

Delete Scene

1. Move the cursor over a scene, and click ••• .
2. Click **Delete** on the menu.
3. Confirm to delete on the popup.



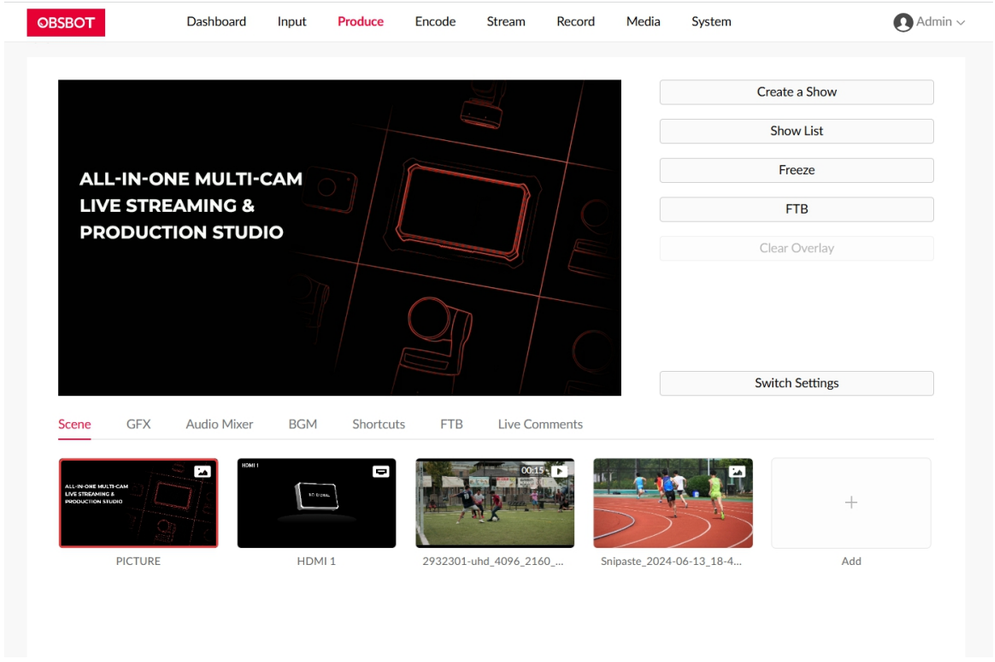
Switch Scenes

Switch Settings

1. Click **Switch Settings** on the **Produce** page.
2. In the **Scene switch** area, set scene switch mode and transition effect.
   - **Quick switch**: Toggle off the switch, it goes to the manual switch mode. To enable the quick switch mode, toggle on the switch.
   - **Transition**: Select the transition effect for quick switch.
     - **Cut**: images switch directly when you switch scenes. (Default)
     - **Fade**: images switch with the fade effect when you switch scenes.
   - **Duration**: Drag the slider to set the transition duration for the Fade effect, ranging from 50ms to 1000ms.
3. In the **FTB switch** area, drag the slider of **Duration** to set the transition duration for FTB, ranging from 200ms to 2000ms.
4. Click X to exit.

Quick Switch

When **Quick switch** is toggled on, click scene thumbnails in the scene list to switch scenes directly.



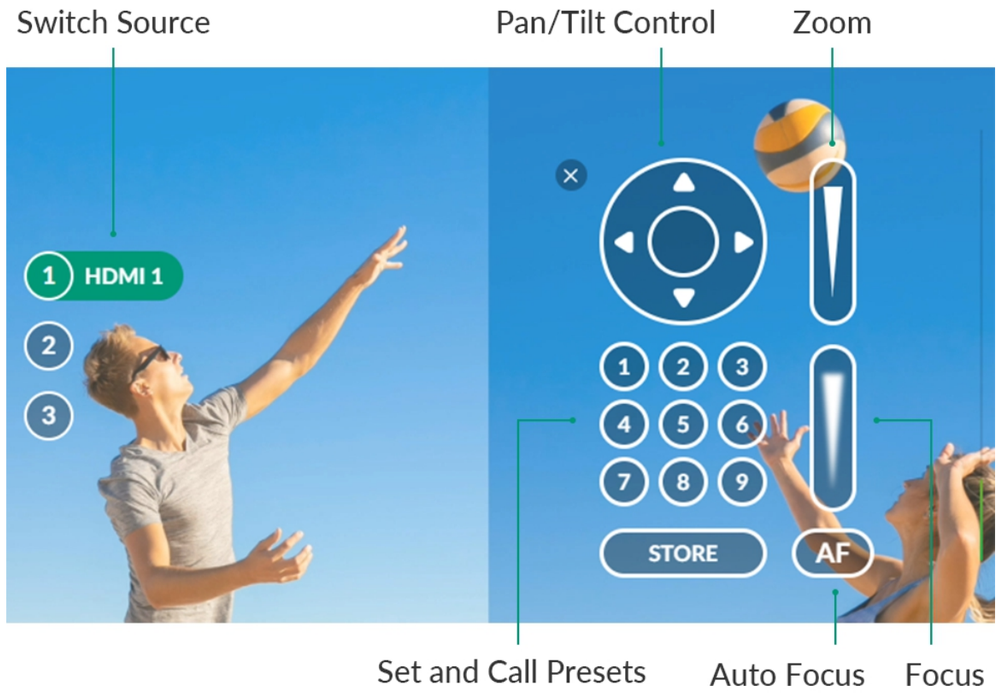
Manual Switch

When Quick switch is toggled off, it goes to manual switch mode. You can set and preview the content to program. After you confirm everything is OK, you can program the scene.

1. Click the thumbnail of next scene to program in the scene list. The main screen of the device displays the preview image. The program scene thumbnail has a red frame, while the the preview scene thumbnail has a grey frame and displays **Cut** and **Fade** buttons.
2. Check everything to program is OK.
3. Click the **Cut** or **Fade** button on the preview scene thumbnail, and the scene goes to program directly or with the fade effect.

Play Video

If a scene contains a video clip, you can click the play/pause button on the scene thumbnail to view the video.



Control PTZ Camera

When a source supports UDP-based or NDI-based PTZ function, you can control the PTZ camera on the preview area.

1. Click **PTZ Control** under the thumbnail to enter the PTZ control mode.
2. If there are multiple PTZ sources in the scene, select a source on the popup. After that, you can click numbers on the left in the preview area (at the bottom for portrait mode) to switch sources.
3. Click and hold any blank area on the PTZ control panel and drag it to the desired position.
4. Click X to exit.

Pan/Tilt Control

- On the Pan/Tilt Control panel, click the center of the circle and drag the red dot to move the camera. The closer to the center of the circle, the slower the camera moves; The farther away from the center of the circle, the faster the camera moves.
- Click the arrows to pan/tilt the camera.

Zoom

Slide on the slide bar at the upper right to zoom.

- Slide up, and the lens zooms in.
- Slide down, and the lens zooms out.

Focus

Slide up and down on the slide bar at the lower right to focus. You can also click AF for auto-focus.

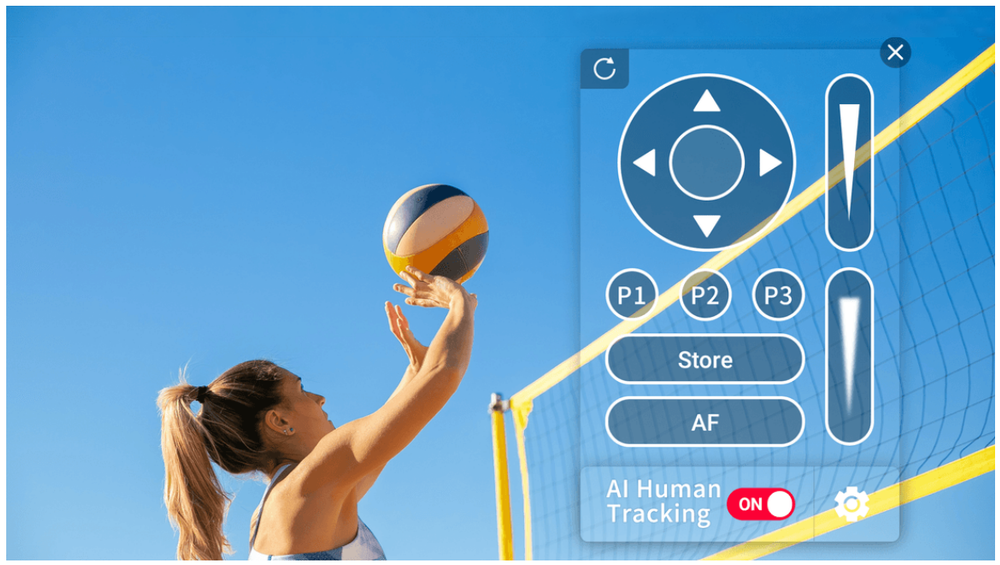
- Slide up, and then the lens focuses near and the nearby object gets clear.
- Slide down, and then the lens focuses far and the distant object gets clear.

Presets

A preset is a predefined image position which contains information of pan, tilt, zoom, etc. After the preset is configured, you can move the camera to your desired position quickly by calling the preset.

1. Move the camera to your desired position and adjust zoom and focus.
2. Click STORE and then click a number to save. For example, if you click No.1, it will be saved as Preset 1 .
3. Repeat the steps above to add more presets.
4. Click a preset No. to call the preset.

> It supports to add up to 9 presets.



Control OBSBOT Camera

OBSBOT Talent is compatible with OBSBOT Cameras. Besides Pan/Tilt Control, Zoom, Focus, and Presets, the PTZ control center for OBSBOT supports the following features.

> For OBSBOT Camera, it supports adding up to 3 presets, and the preset numbers change to P1, P2 and P3.

AI Human Tracking

1. Click ⚙ to open the setting page.
2. Set tracking speed. Options may change with OBSBOT Camera modules.
3. Set tracking mode. Options may change with OBSBOT Camera modules.
4. Click ⚙ again to close the setting page.
5. Toggle on the switch of AI Human Tracking to start.
6. Toggle off the switch of AI Human Tracking to stop.

Record Webcam

If your OBSBOT Camera supports recording, such as OBSBOT Tail Air, you can record videos to the SD card installed in the Camera.

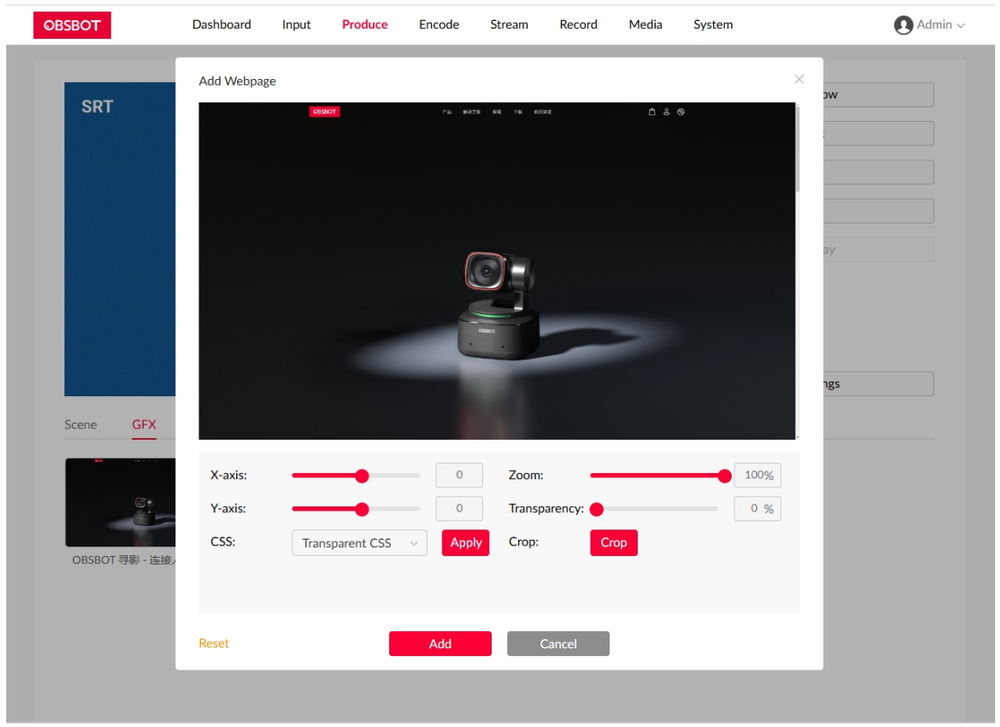
- Click **Record** to start recording.
- Click **Recording** to stop.
- Click 🗁 to view recorded files.
  - Click a thumbnail to preview.
  - Hover your mouse over a thumbnail, click ••• and then click **Download** to download a file to local or click **Delete** to delete the file.

Reset Camera

Click  to reset the OBSBOT Camera to its initial position.

Wake Up Camera

If the OBSBOT Camera has gone to sleep, such as OBSBOT Tiny 2, tap Wake Up to bring it back to work.



Control GFX

Click the GFX tab, and it displays GFX thumbnails and names. Scroll the GFX list to view all the GFXs. You can apply, control and manage GFXs.

Besides, you can add a URL and use the content on the webpage as a GFX.

Add Webpage GFX

1. On the GFX tab page, click **+ Add**.
2. Enter a URL and click **Go**.
3. Edit the GFX, and click **Add**.
   - Move the slider of **X-axis** or **Y-axis** to change its position.
   - Move the slider of **Zoom** to zoom out or in.
   - Move the slider of **Transparency** to change its transparency.
   - Select **CSS** and click **Apply** to change the background of the webpage.
     - Default CSS: Use the default background of the webpage.
     - Transparent CSS: Change the background to transparent.
     - Custom CSS: Enter your own CSS.
   - To crop the webpage, click **Crop**.
     i. Select a cropping aspect ratio. By default, the Free aspect ratio is used, which allows you to crop at any aspect ratio.
     ii. Drag a corner of the crop frame to select the part you want to retain.
     iii. Drag with the crop frame to move around.
     iv. If you want to cancel the current cropping, tap **Reset** to revert to the original size.

v. Click **Save**.

- Click **Reset** to clear all the changes.

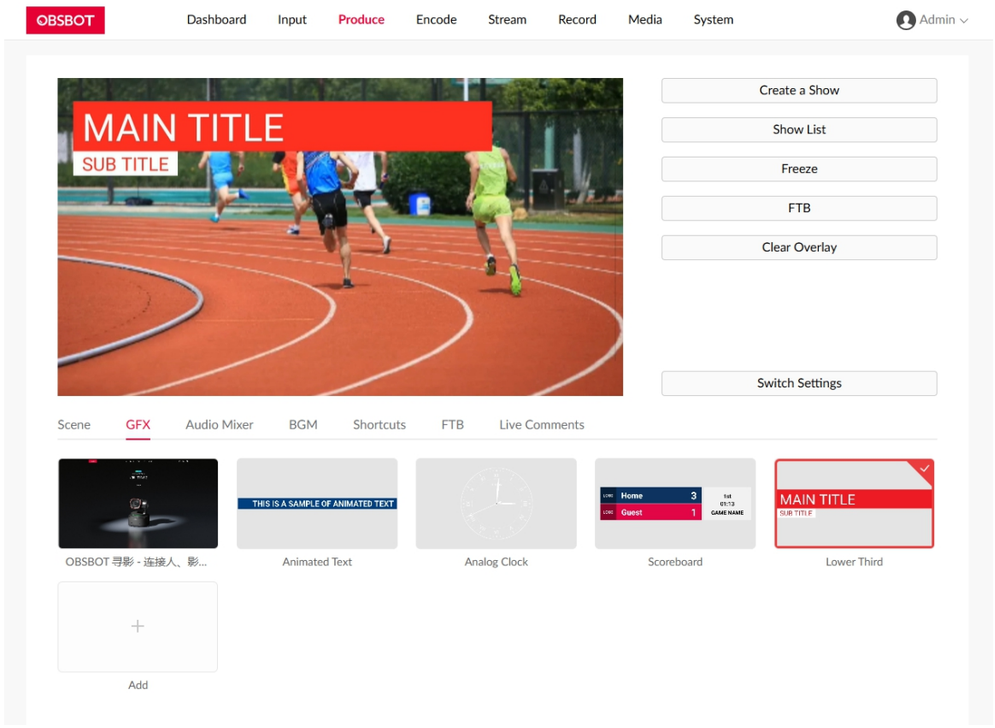
4. Click **+ Add** to add more.

The History lists all the added URLs, and you can click one thumbnail to edit.

> It is not recommended to add a video URL as it will consume a lot of system resources.
> You can add up to 7 webpages.

Delete URL

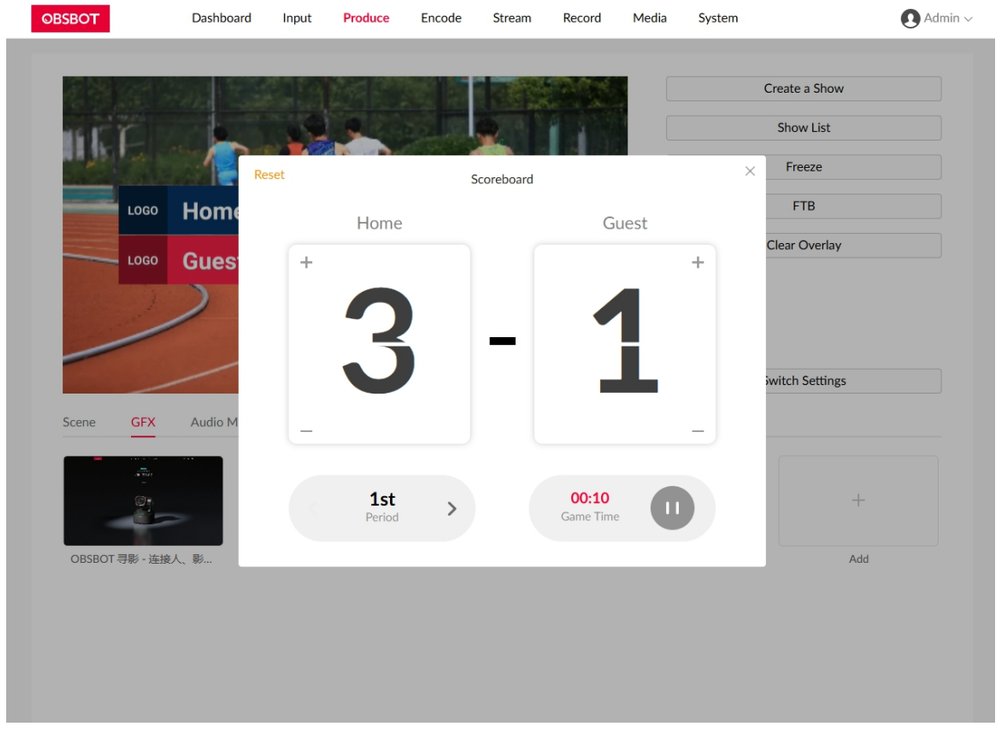
1. On the GFX tab page, click **+ Add**.
2. Move the cursor over a thumbnail in the **History**, click ••• .
3. Click **Delete** on the menu, and confirm to delete on the popup.



Apply GFX

- Select one or more GFXs in the GFX list, and then the selected GFX(s) is applied in the program scene. A red frame around the thumbnail indicates the GFX is displayed.
- If a bullet list is applied and it is set to manual play mode, you can click **Next** under the thumbnail to display the next line.
- Unselect one GFX, and then the GFX disappears from the program scene.
- Click **Clear Overlay** to hide all the GFXs.

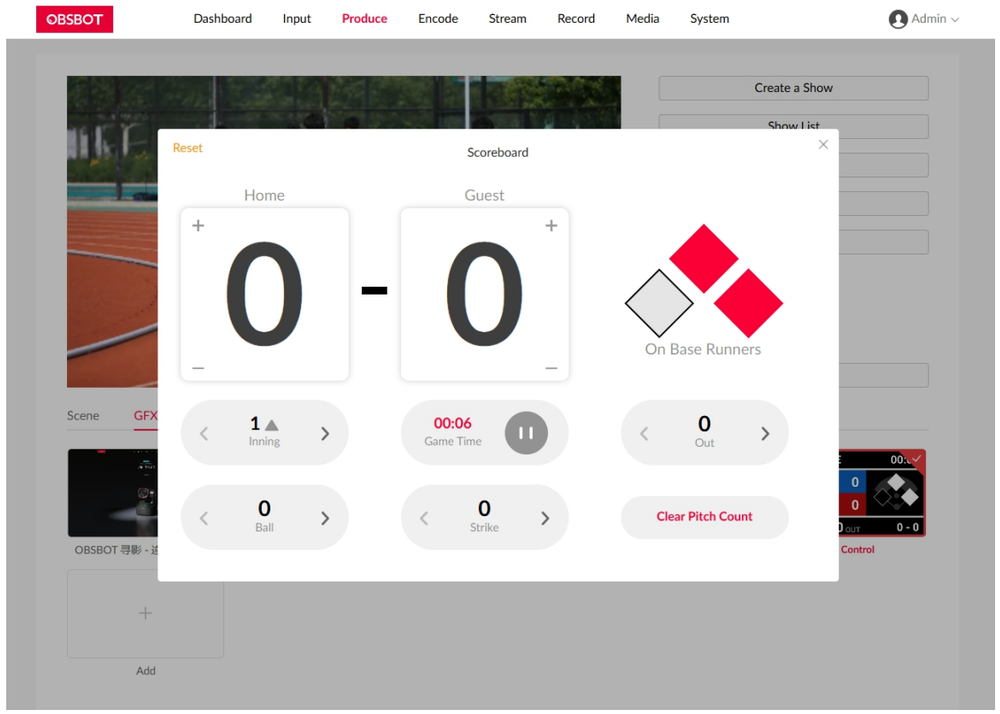
> You can apply up to 8 GFXs at the same time.



Control Scoreboard

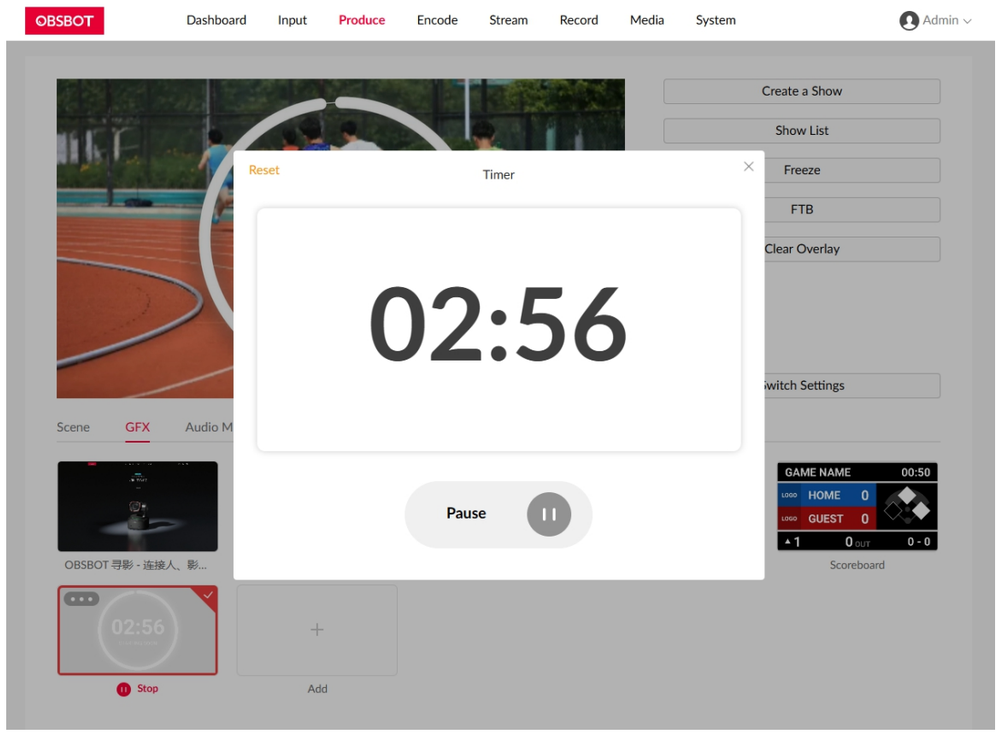
You can change the score, control game time, etc.

1. Apply the scoreboard, and click **Control** under the thumbnail.
2. Or move the cursor over a thumbnail, click ••• , and select **Control** on the popup menu.
3. Click the upper part of the number to increase the score, and click the lower part of the number to decrease the score.
4. Click the left or right arrow at the bottom left to select a period. If the period is not set to be shown, you can click "Show" to display it.
5. Control game time:
   - Click ▶ at the bottom right to start counting; click ⏸ to pause counting.
   - If the game time is not set to be shown, you can click "Show" to display it.
   - Click the time number, and then select time in the time box to adjust time.
6. Click "Reset" to restore the score to 0:0, reset the game time to zero or reset to the set duration.
   You can also move the cursor over a thumbnail, click ••• , and select "Reset" on the popup menu.
7. Click "x" to go back.



Control Baseball Scoreboard

1. Apply the baseball scoreboard, and click **Control** under the thumbnail.
2. Or move the cursor over a thumbnail, click ••• , and select **Control** on the popup menu.
3. Click the upper part of the number to increase the score, and click the lower part of the number to decrease the score.
4. Click ◇◇ to indicate runners on 1st Base, 2nd Base, and 3rd Base.
5. Click the left or right arrow of **Inning** to set inning number and the "top" or "bottom" half. And confirm whether to also clear settings of on-base runners, outs， balls and strikes on the popup.
6. Control game time:
   - Click ▶ to start counting; click ⏸ to pause counting.
   - Click the time number, and then select time in the time box to adjust time.
7. Click the left or right arrow of **Out** to indicate outs as numbers or shapes.
8. Click the left or right arrow of **Ball** to indicate balls as numbers.
9. Click the left or right arrow of **Strike** to indicate strikes as numbers.
10. Click **Clear Pitch Count** to make balls and strikes both zero.
11. Click **Reset** to clean all the sets.
    You can also move the cursor over a thumbnail, click ••• , and select "Reset" on the popup menu.
12. If some element is set to be hidden, click "Show" to display it.
13. Click "x" to exit.



Control Timer

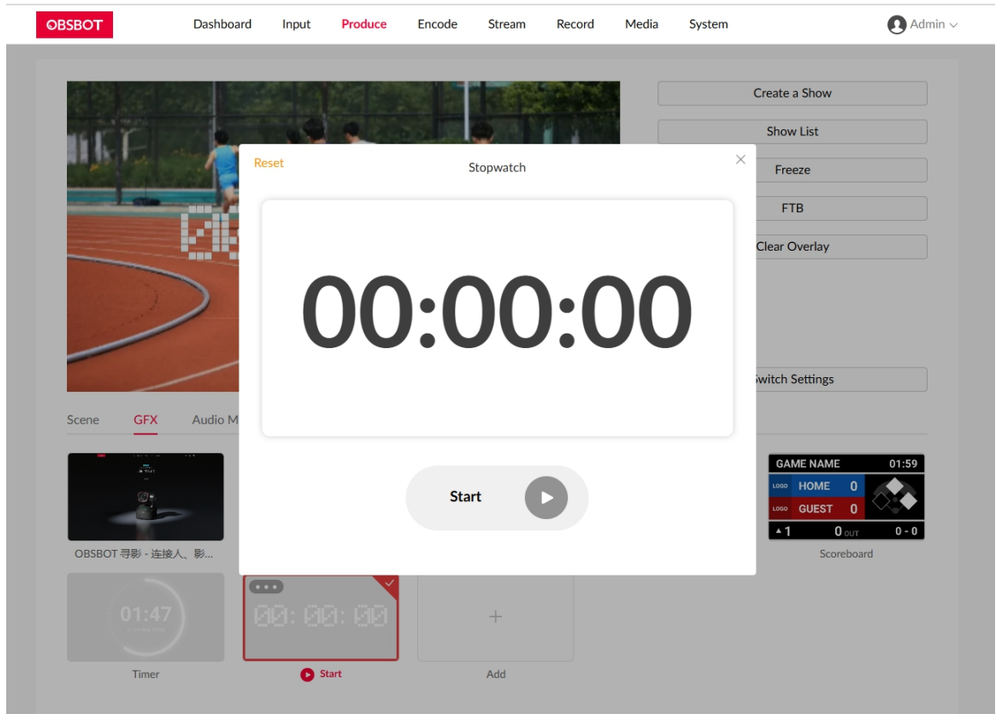
You can control the timer through the following ways.

Way 1

1. Apply the Timer.
2. Under the thumbnail, click to start counting, click to pause counting, click again to resume counting.
3. Move the cursor over a thumbnail, click and click **Reset** to restore the timer to the preset duration.

Way 2

1. Move the cursor over a thumbnail, click and click **Control** on the popup.
2. Click to start counting, click to pause counting, click again to resume counting.
3. Click **Reset** to restore the timer to the preset duration, and you can re-select the duration.
4. Click "x" to go back.



Control Stopwatch

You can control the stopwatch through the following ways.

Way 1

1. Apply the stopwatch.
2. Under the thumbnail, click to start counting, click to pause counting, click again to resume counting.
3. Move the cursor over a thumbnail, click and click **Reset** to restore the stopwatch to zero.

Way 2

1. Move the cursor over a thumbnail, click and click **Control** on the popup.
2. Click to start counting, click to pause counting, click again to resume counting.
3. Click **Reset** to restore the stopwatch to zero.
4. Click "x" to go back.

Manage GFX

Rename GFX

1. Move the cursor over a thumbnail, click ••• .
2. Click **Rename** on the menu.
3. Enter the new name, and click **Save**.

Delete GFX

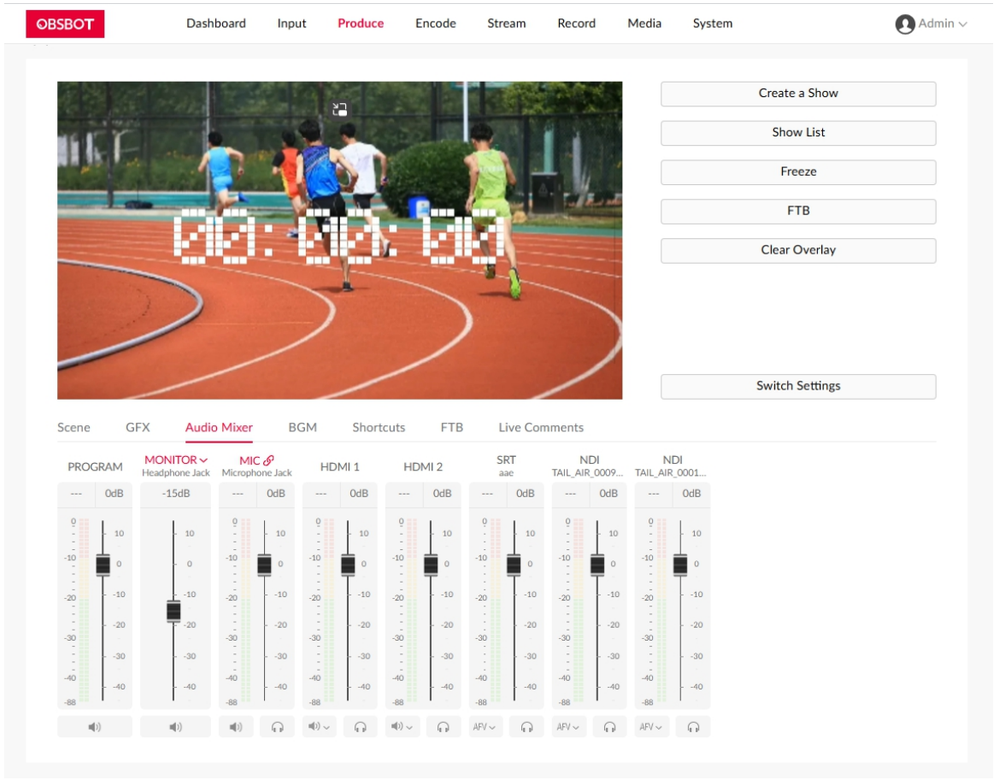
1. Move the cursor over a thumbnail, click ••• .
2. Click **Delete** on the menu.
3. Confirm to delete on the popup.

Copy GFX

1. Move the cursor over a thumbnail, click ••• .
2. Click **Copy** on the menu.
3. Confirm to copy on the popup.

Edit GFX

1. Move the cursor over a thumbnail, click ••• .
2. Click **Edit** on the menu.
3. Edit text content, replace pictures in the popup, etc.
4. Click **Save**.



Control Audio

Click the **Audio Mixer** tab to control the output and input audio of the show.

Audio Type

Scroll the audio mixer to view all the audio sources.

- **PROGRAM**: Output audio of the program scene, for streaming or recording.
- **MONITOR**: Audio output for monitoring.
- **Audio Input Sources**:
  - **MIC**: Audio of global microphone.
  - **Bluetooth**: Audio from a Bluetooth device, which is displayed when the device is connected with OBSBOT Talent.
  - **USB AUDIO**: Audio from a USB device, which is displayed when the device is connected with OBSBOT Talent.
  - **HDMI**: Audio from an HDMI source, which is displayed on the audio mixer by default.
  - **RTMP**: Audio from the RTMP stream source, displayed with the self-defined name.
  - **SRT**: Audio from the SRT stream source, displayed with the self-defined name.
  - **NDI**: Audio from the NDI stream source, displayed with the self-defined alias.
  - **VIDEO CLIP**: Audio embedded in the video clip source, which appears when the video clip is in program view. It displays the file name under VIDEO CLIP

to distinguish different files.

- **BGM**: Audio of the background music, which appears when the scene containing BGM is in program view.

Audio Meter

Except the monitor, each audio has its audio meter showing the real-time level. The range of the audio meter is –88 dB to 0 dB. It displays the peak value on the top of the audio meter. Colored blocks and scales indicate the danger of clipping, as shown in the table below.

Color	Scale Range	Description
Green	-88 ~ -40	Audio device is connected.
Green	-40 ~ -20	Audio volume is low.
Yellow	-20 ~ -10	Audio is at normal levels.
Red	-10 ~ 0	Audio is in danger of clipping.

Adjust Audio Level

Each audio has a fader for adjusting the maximum level.

- Move the fader to set the gain on the audio level. The range is from -40dB to 10dB.
- The current adjusted value is displayed on the top of the fader. Double-click the value to restore the fader to 0dB.

Set Program Audio

Click the button at the bottom to turn on or turn off the program output audio.

- : indicating the program output audio is turned on.

- : indicating the program output audio is turned off.

Set Monitor

The monitor has an independent audio level with the default gain of -15 dB. You can set monitor audio without effecting the program output audio.

Set Monitor Properties

Click **MONITOR** to set the following properties.

- **Select Device**: select a device as the monitor.
  - Headphone Jack: device connected to the headphone jack.
  - Bluetooth Device: device connected through BT.
  - *USB device*: device(s) connected to the USB 3.0 port(s). The system automatically lists device name(s).
- **Monitor Option**:
  Toggle on/off the switch of **MIC Input** to set whether to monitor the microphone. It is toggled on by default.

Enable/Disable Monitor

Click the button at the bottom to enable or disable audio monitoring.

- : indicating audio monitoring is enabled.
- : indicating audio monitoring is disabled.

Solo Monitor

- Click to only monitor this audio input.
- Click to cancel.

Set Audio Input Sources

Audio Association State

- When an audio input source is added to multiple scenes, its name is displayed in red on the audio mixer, and you can click the name to change its association state. It also applies to global audio including Mic, Bluetooth and USB audio.
  - : indicating the audio input is associated with multiple scenes. The settings to this audio input will take effect to all the scenes.
  - : indicating the audio input is not associated with other scenes. You can customize the audio mixing mode and adjust audio level for each scene.
  - When the state changes from to , the settings to this audio input will take effect to the whole show.
- When an audio input source is only contained in one scene, its name is displayed in black on the audio mixer and cannot be clicked. The settings to this audio input will take effect to all the scenes.

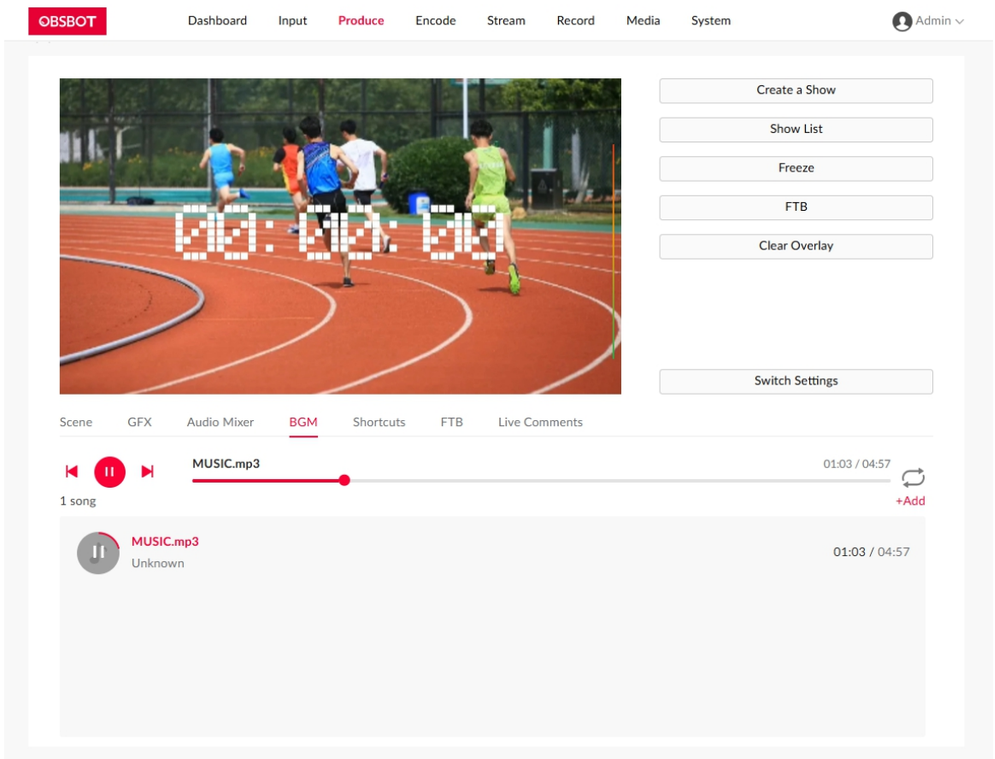
Set Audio Mixing Mode

Click the icon to set the audio mixing mode of each audio input source.

- When the audio input source is in state, or is only added in one scene.
  - AFV : Audio-follow-video. The audio will only be sent to the program output when the input is in program view.
  - : Always ON. An audio input will be permanently mixed into the program output.
  - : Always OFF. An audio input will be permanently not mixed into the program output.
- When the audio is BGM, Video Clip or other audio input source in state.
  - : ON. When the current scene is in program view, the audio will be sent

to the program output.

- : OFF. When the current scene is in program view, the audio will not be sent to the program output.



Control BGM

Click the **BGM** tab, and then you can add and control background music for the current program scene.

Add BGM

1. Click the **+ Add** button.
2. Click **+ Upload** at the lower right corner to import local audio files to media. Supported formats are MP3, M4A, WAV files.
3. In the **Media** list, click an item to add it to the current scene.

Rearrange BGM

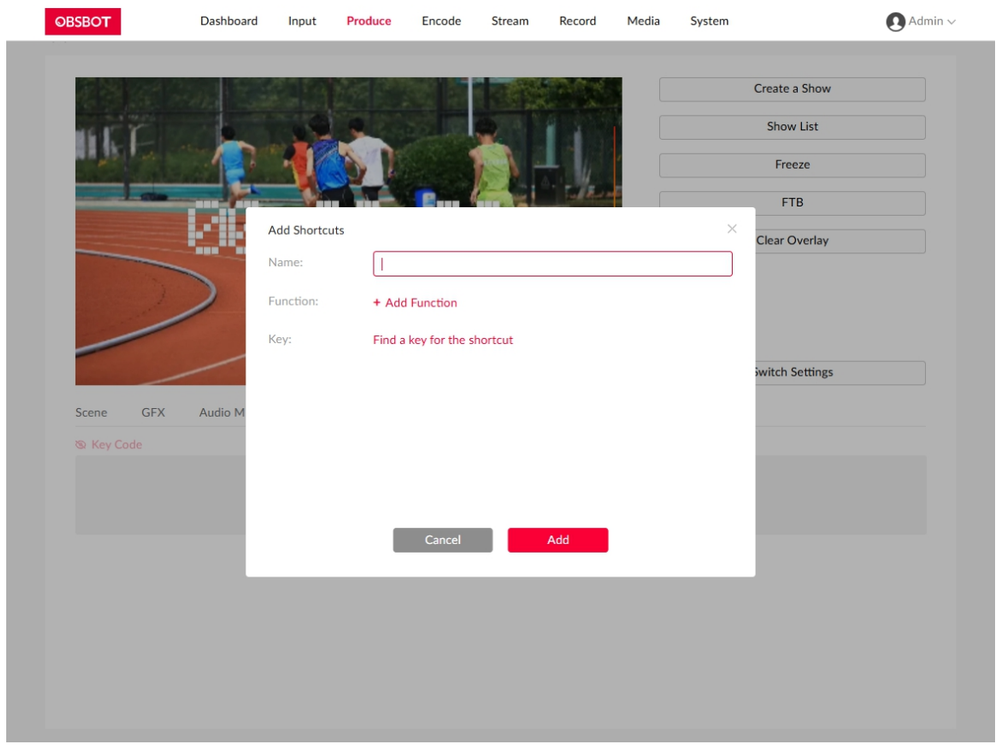
1. Hover your mouse over a BGM item.
2. Click to move upward or click to move downward.

Delete BGM

1. Hover your mouse over a BGM item.
2. Click , and click **Delete** on the popup dialog box.

Play BGM

1. Click the song name to switch.
2. Click buttons on the playback bar to control the BGM playback.
   - Click  to play or  to pause.
   - Click  to play the previous song or  to play the next song.
   - Drag the playhead to a specified position.
   - Set the loop policy:
     -  : Repeat the playlist
     -  : Repeat the song
     -  : Shuffle the playlist



Set Shortcuts

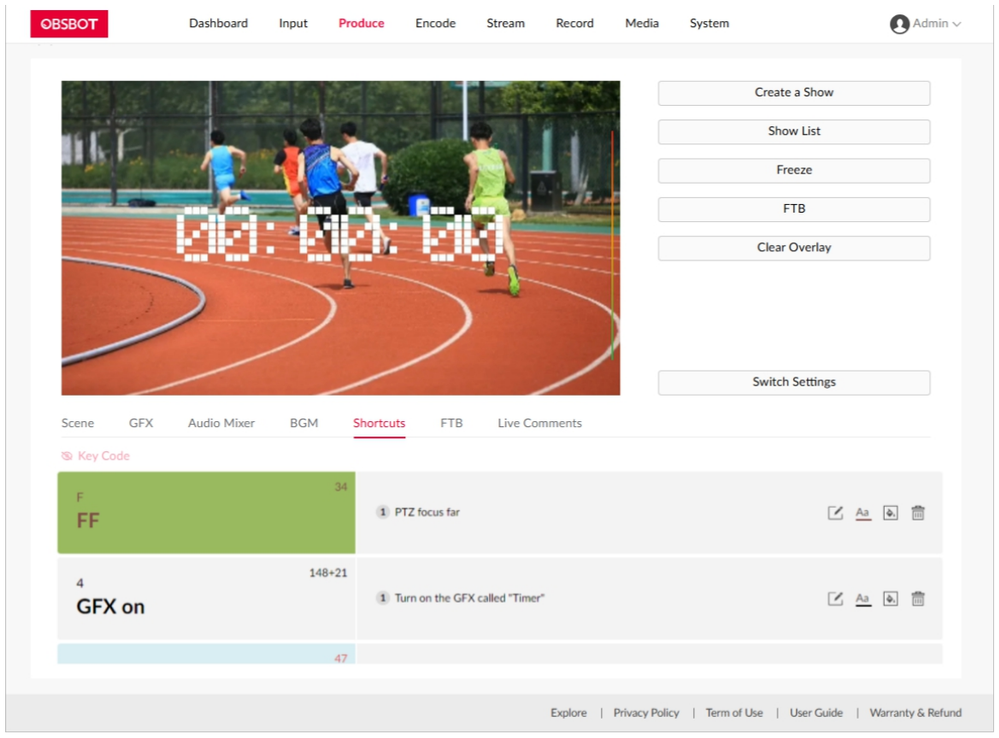
You can connect a USB keyboard with OBSBOT Talent, such as X-Keys and NumberPad, and then set shortcuts on the Web UI for more convenient control.

Add Shortcuts

1. Click the **Shortcuts** tab on the **Produce** page.
2. Click **Add**.
3. Enter a custom name for your shortcut.
4. Click **Add Function**, and then click the drop-down box of **Function** to select a function. As some functions may need more selections or operations, follow the on-screen guide to continue. Click **Add**.
5. To add more functions for the shortcut, repeat step 4.
   You can add up to 3 functions for one shortcut. When you press the key, it executes all the functions at the same time.
6. Click **Find a key for the shortcut**.
   i. Press a key on the USB keyboard to help find the key code, or you can enter a key code number. You can also press two or more keys at the same time
   ii. Enter the key text on the key to help identify the key. You can also customize the text.
   iii. Click **Add** to confirm.
7. Click **Add** to finish adding this shortcut.
8. Repeat step 2 to 7 to add more shortcuts.
9. The shortcut list displays all the shortcut keys (including key text and the

custom name) and their functions. Click a shortcut or press a key to test whether the shortcut works normally.

10. (Optional) Click **Key Code** at the upper left corner to display or hide key code.



Edit Shortcuts

1. Click the **Shortcuts** tab on the **Produce** page.
2. Click on the right, and then you can change the following properties.
   - Rename the shortcut.
   - Reorder functions by hovering the cursor over a function and then clicking or .
   - Delete a function by hovering the cursor over a function and then clicking .
   - Add more functions by clicking **Add Function**.
   - Change the key by clicking **Change**.
3. Click **Save** to save your changes.

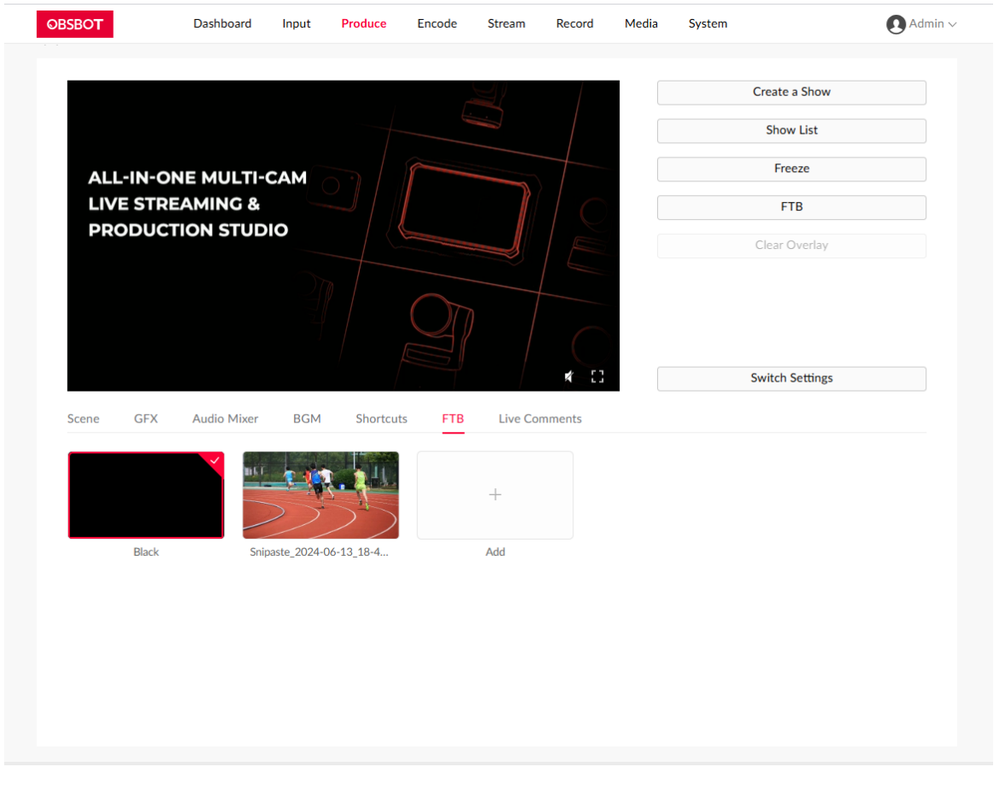
Set Text and Background Color for Key

1. Click **Shortcuts** on the **Produce** page.
2. Click Aa to set the text color of shortcut key.
3. Click to set the background color of shortcut key.

Delete Shortcuts

1. Click **Shortcuts** on the **Produce** page.
2. Click on the right of a shortcut.
3. Click **Delete** to confirm.

For the full list of shortcuts, please refer to Shortcuts for OBSBOT Talent.



Set FTB Image

The FTB function allows your program image to fade to black or an assigned image, with all audio muted.

Add and Specify Image

1. Click the FTB tab on the **Produce** page.
2. In the FTB tab page, click **+ Add** button.
3. Click one picture in the Media. You can also click **Upload** to import pictures on your local computer.

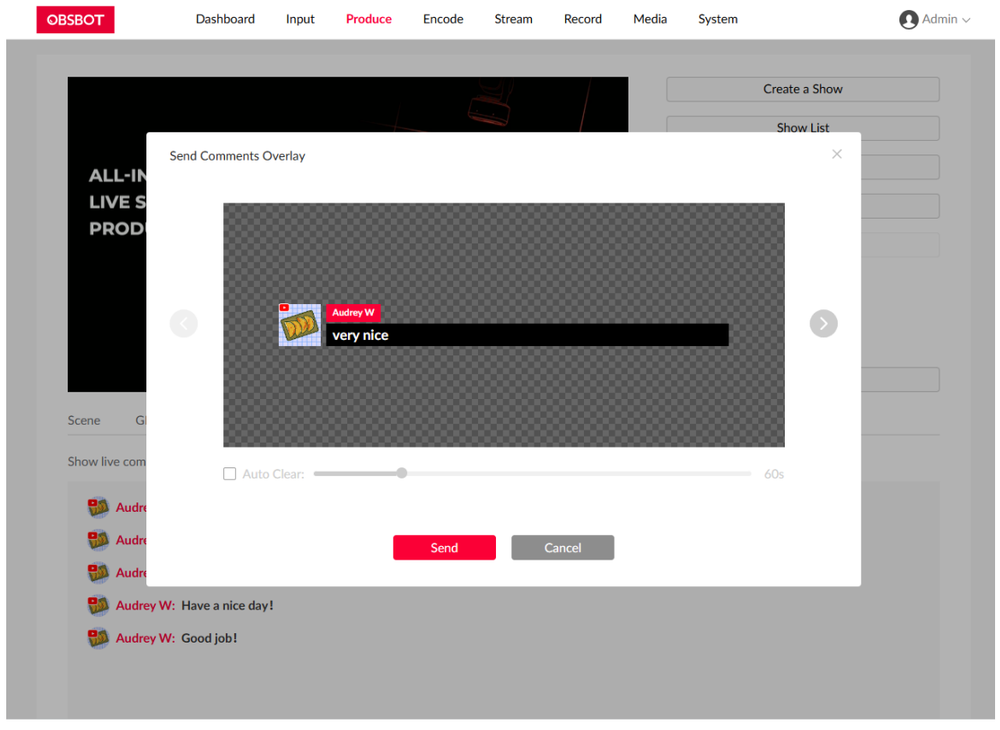
   > Supported image files are JPEG, PNG, BMP.

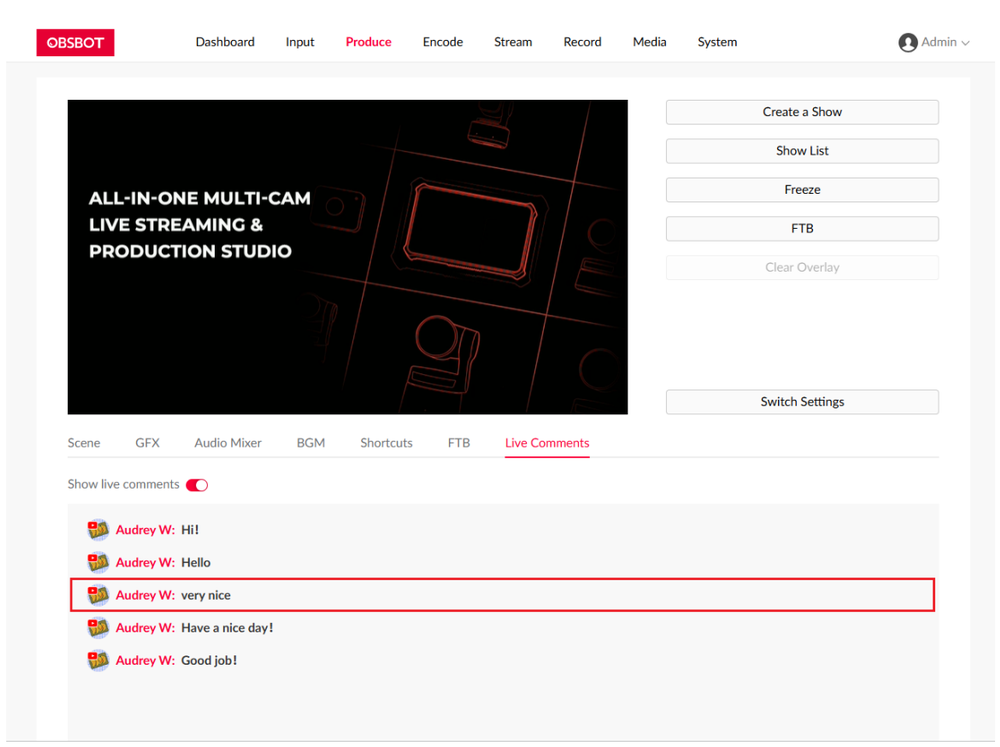
4. Click **+ Add** to add more images.
5. Click one image to specify. When you enable FTB, the scene fades to this image. If you select **Black**, it will fade to black.

> It is recommended to use a 16:9 or 9:16 image to fill the screen with its original aspect ratio.

Delete FTB Image

1. Click the FTB tab on the **Produce** page.
2. Move the cursor over a thumbnail, and click ••• .
3. Click **Delete** on the menu.
4. Confirm to delete on the popup.

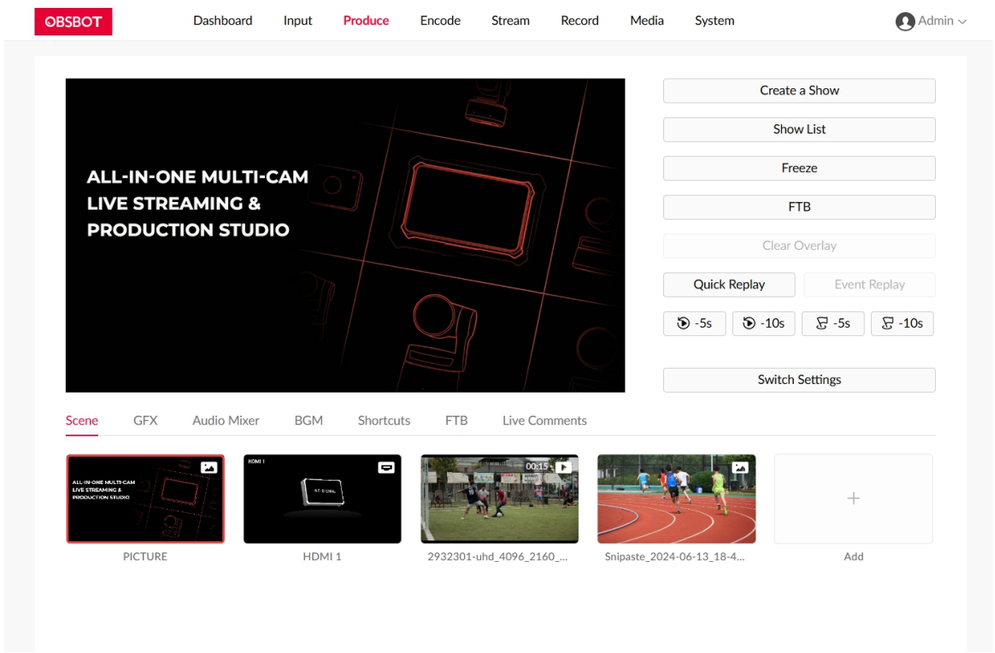




Show Live Comment

You can view live comments when streaming to YouTube, Twitch or Facebook, and select one comment as an overlay inside the video feed.

1. Click the **Live Comments** tab on the **Produce** page.
2. Toggle on the switch to receive live comments, including profile pictures with the platform logo, accounts and comments.
3. Scroll up to view earlier comments, and scroll down to view the most current comments.
4. Send one comment as an overlay by double clicking or through the following way.
   i. Move the cursor over one comment, and click ⚙.
   ii. Click the arrows to select an overlay style.
   iii. (Optional) Check **Auto Clear**, and drag the slider to set the duration after which the overlay automatically disappears, ranging from 2s to 300s.
   iv. Click **Send** to send the current comment as an overlay to the Program view.
5. Click the displaying comment to clear.
   You can also click **Clear Overlay** to clear all the GFX overlays as well as the comment overlay.



Replay

Replay allows you capture some of greatest moments, slow down the action and save your highlights.

Please enable the Replay function on the device, the replay control buttons will appear in the Produce page.

Quick Replay

- Click **Quick Replay** to review the recent live content.
  - If you have set **Duration of quick replay** to a specific duration on the device, it will directly enter the replay mode.
  - If you have set **Duration of quick replay** to "Ask me when replay starts" on the device, select the duration in the popup window, and then it enters the replay mode.
- Click **-5s** to replay the live content from 5 seconds ago.
- Click **-10s** to replay the live content from 10 seconds ago.

Event Replay

You can also save events during live program, and replay the events later.

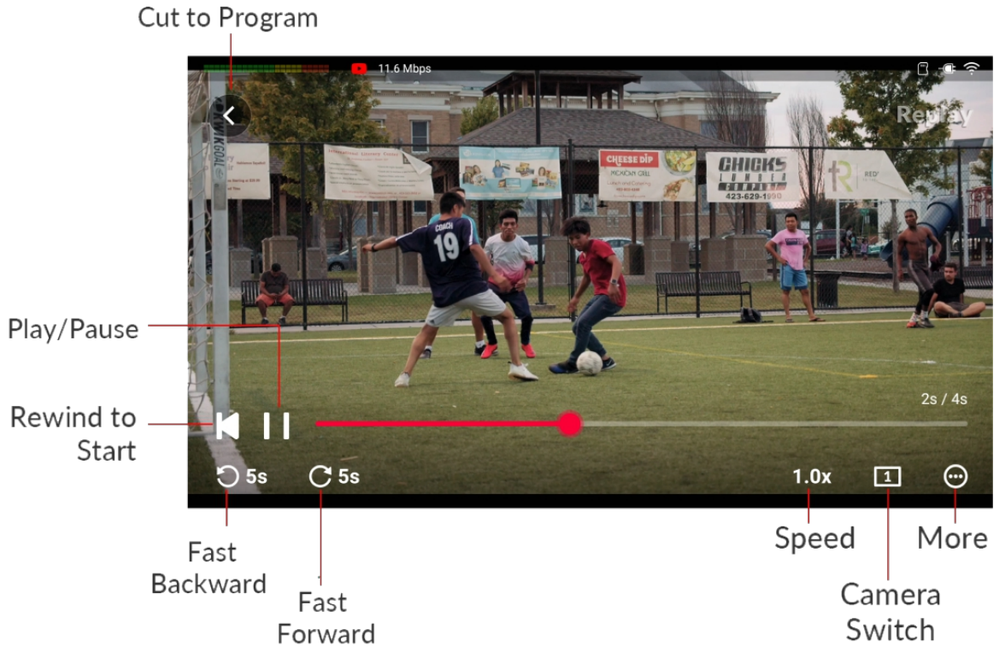
1. Set events through the following ways.
   - Double click at the preview area to set an event.
     - If you have set **Duration of event replay** to a specific duration on the device, it will directly save the event.
     - If you have set **Duration of event replay** to "Ask me when setting" on the device, select the duration in the popup window, and then it save the event.

- Click -5s to quickly save an event backtracked 5 seconds.
- Click -10s to quickly save an event backtracked 10 seconds.

2. Click **Event Replay**.
   - If only one event is set, it starts replay directly.
   - If there are multiple events，select an event thumbnail from the event list on the popup to enter the replay mode.

Events are saved into the Album, you can click the Record tab to view.

> If you switch shows or reboot the device, the event list of current show will be cleared.



Control Replay

At the preview area, you can control the replay.

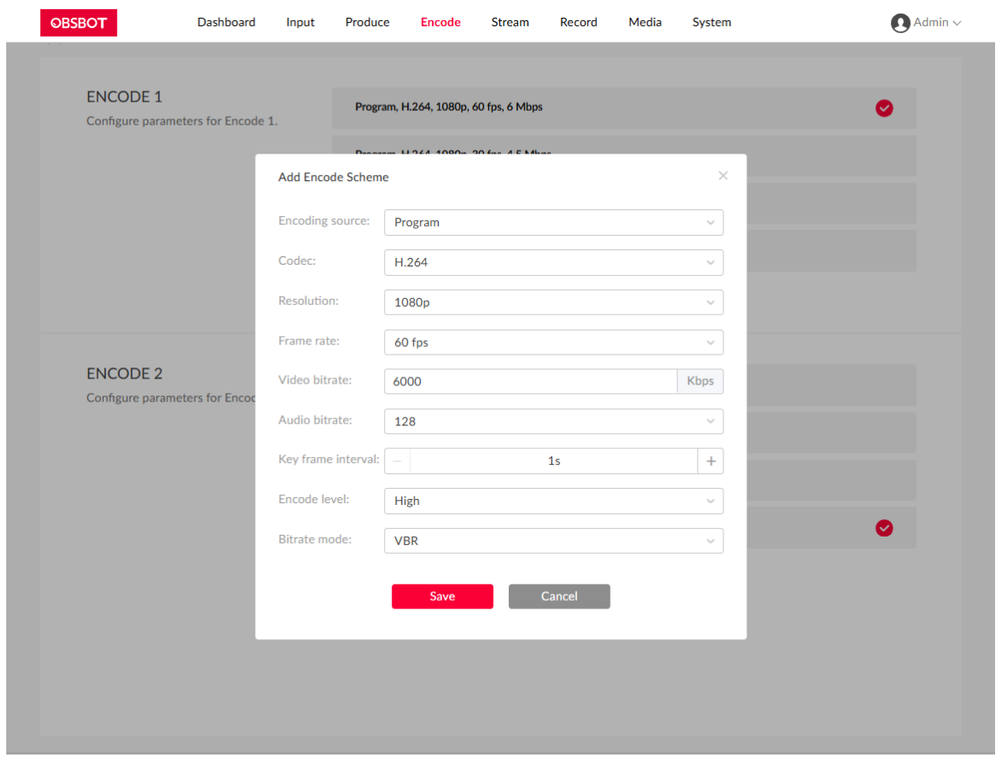
- Drag the playhead of progress bar to adjust the progress.
- Click to rewind to the start.
- Click or to play or pause the replay.
- Zoom in the image:
  1. Double click one position at the preview area to zoom in the image to 2x.
  2. Scroll the mouse wheel to zoom in or out. The zoom range is 1x to 8x.
  3. Drag the preview area to change the displayed area.
  4. To exit, double click the preview area again or zoom out to 1x.
- Click or to fast backward or forward at a faster pace, such as 5s,

which is set on the device.

- Click the speed button to change the playback rate. Options include 0.1x, 0.25x, 0.33x, 0.5x, 0.75x, and 1.0x (default).
- Click the camera switch button to switch the replay content.
  - 1 : Camera 1
  - 2 : Camera 2
  - 1 2 : Camera 1 and 2 in side-by-side layout
- Click ••• for more features.
  - **Save Event**: save the content of quick replay to the Album.
  - **Mute/Unmute sound**: click to mute or unmute the sound of replay.
- Click < to cut back to program view.

Or, as the relay image is added to the scene list as a temporary scene, you can exit the replay mode by switch scenes.

Set Encode

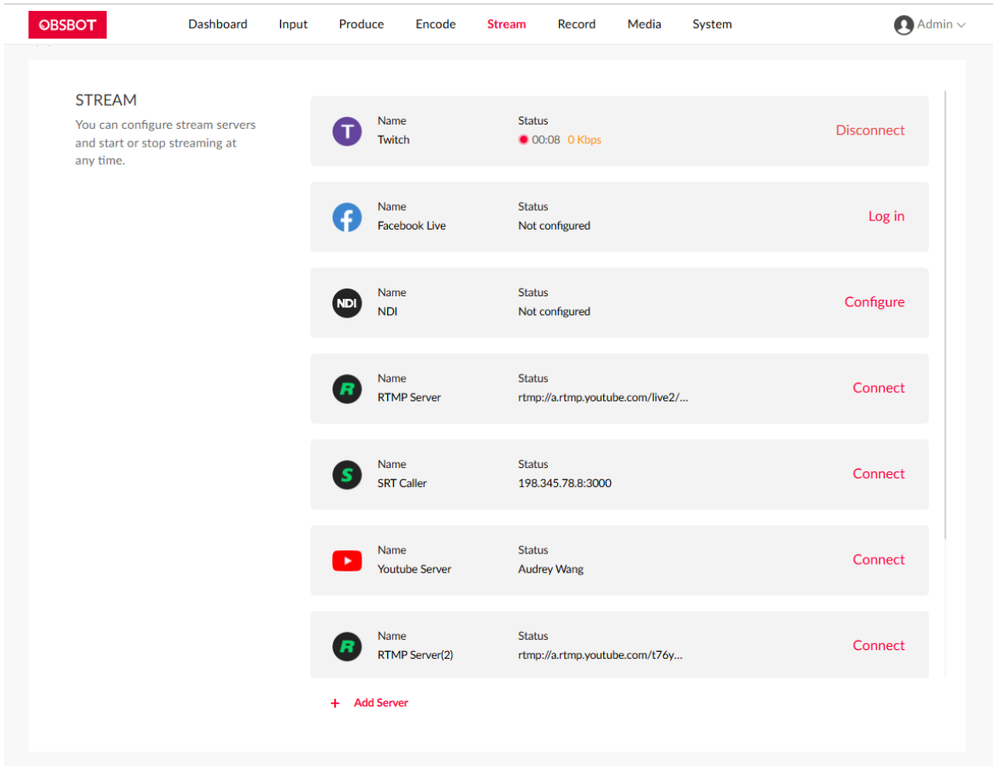


Each show has two encoders for selection when you configure stream servers and record parameters. You can customize encoding parameters and select encoding source for Encode 1 and Encode 2.

1. On the **Encode** page, click **Add** in ENCODE 1 or ENCODE 2 area.
2. Customize the encode scheme with the following parameters:
   - Encoding source: Program, HDMI 1, HDMI 2, Webcam 1, Webcam 2.
   - Codec: H.264, H.265
   - Resolution: 1080p, 720p, 540p.
   - Frame rate: options change along with the frame rate of the show, which can be 60/59.94/50/30/29.97/25/24/23.98/15 fps.
   - Video bitrate: enter a custom value.
   - Audio bitrate: 64, 96, 128.
   - Key frame interval: click + or - to set
   - Encode level: Baseline, Main, High
   - Bitrate mode: VBR, CBR
3. Click **Save**.
4. Click one encode scheme from system options or custom options.
   System options use Program as the default encoding source.
5. To edit a scheme, hover the cursor over a scheme and then click to enter the edit page.
6. To delete a scheme, hover the cursor over a scheme and then click .

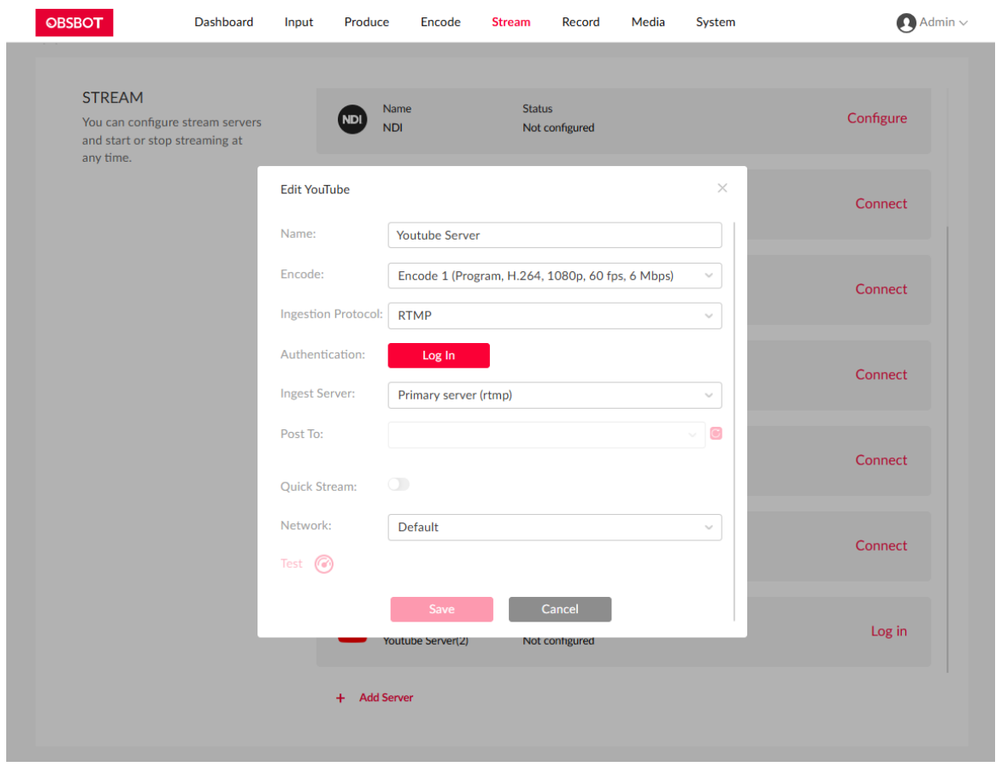
Control Streaming

On the **Stream** page of the Web UI, you can configure stream servers and start or stop streaming at any time.



Configure Stream Servers

1. Click **Log in** or **Configure** behind the server name to start configuring server parameters. Please refer to the following contents.
   - Configure YouTube Server
   - Configure Twitch Server
   - Configure Facebook Live Server
   - Configure NDI® Server
   - Configure RTMP Server
   - Configure SRT Caller
2. Click **Add Server** to add more servers.
3. To edit a server, move the cursor to the server, and click to enter the edit page. After you change the settings, click **Save**. If you click **Cancel**, all the changes will be discarded.
4. To delete a server, move the cursor to the server, and click .



Configure YouTube Server

On the Stream page, click **Log in** behind YouTube, and then start to configure.

- **Name**: enter a new name.
- **Encode**: select an encode scheme. Encoding parameters can be customized on the Encode page.
- **Ingestion Protocol**: select RTMP or HLS.
- **Authentication**: click **Log In**, and then follow the instructions to log into your account.

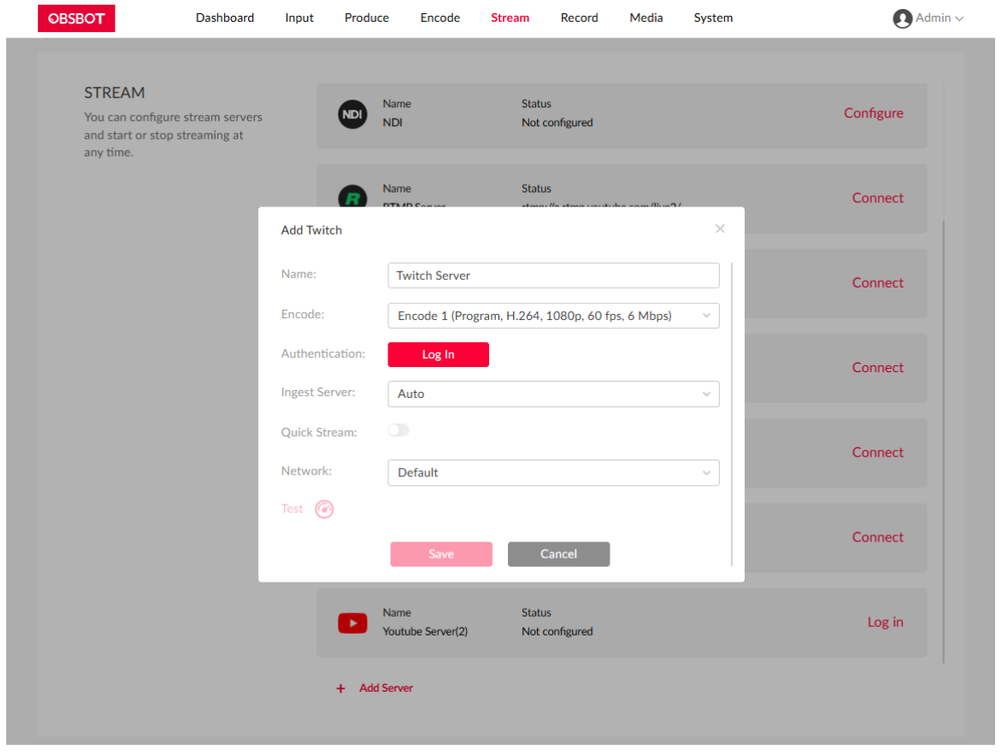
Your username and profile image will be displayed after login.
Your nickname, user avatar images and authorization token will be stored encrypted in OBSBOT Talent device after a successful authorization. When you delete the YouTube server or remove OBSBOT Talent from trusted apps from your Google account's security setting, we will follow the policies of Google to clear saved data in 0 to 24 hours.

> If you have not enabled live streaming for your YouTube account, your YouTube login will fail. Also note that you need to have live streaming enabled 24 hours before starting streaming. For details, see Why can't I log in to my YouTube account.

- **Ingest Server**: You can select **Primary server (rtmp)**, **Primary server (rtmps)**, **Backup server (rtmp)**, or **Backup server (rtmps)**.
- **Post To**: select a channel, event, or **New stream**.
  If you select **New stream**, you need to set **Title** (mandatory), **Description**, and **Privacy**.
  - **Privacy** options are:

  - **Public**: The stream is visible to all people.
  - **Private**: The stream is visible only to you and people selected by you.
  - **Unlisted**: The stream is visible only through a link.
- **Quick Stream**: optional. When it is enabled, you can start streaming quickly on the device screen.
- **Network**: You can set the network priority for streaming. Options include：
  - Default: The system's default network priority, that is Ethernet > WLAN > Cellular.
  - Cellular First
  - WLAN First
  - Ethernet First
- **Test**: click to test whether the previous configurations are working properly.

After configuration, the "Status" area of the YouTube server will display your account information.

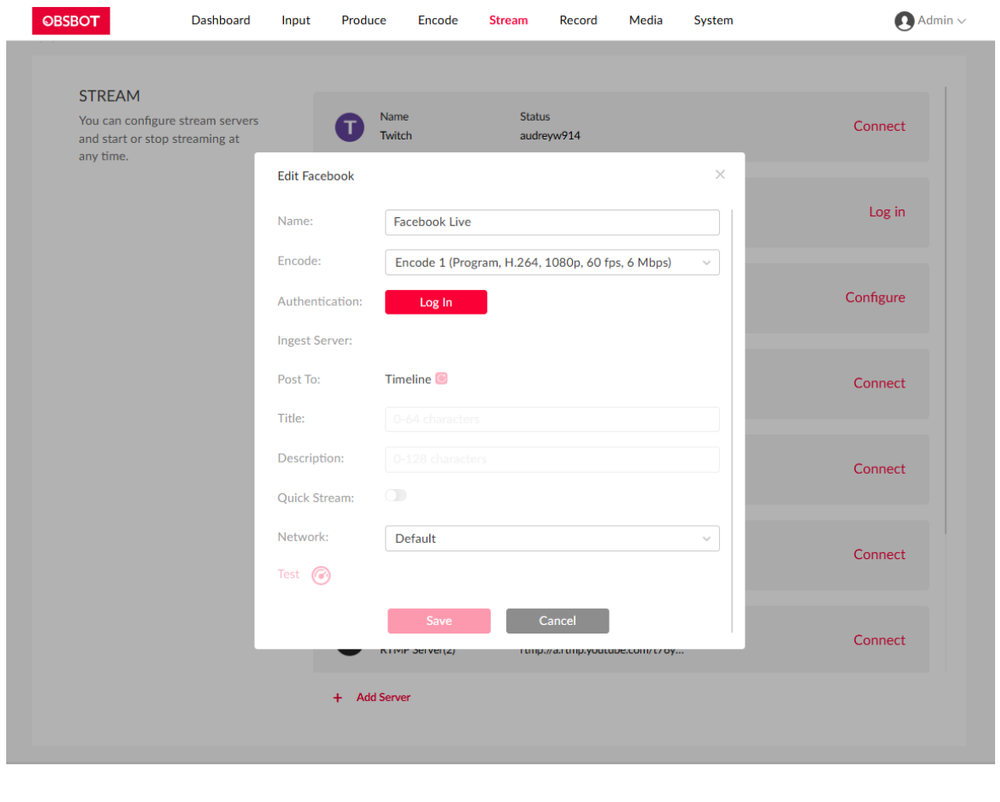


Configure Twitch Server

On the Stream page, click **Log in** behind Twitch, and then start to configure. After everything is OK, save your configuration.

- **Name**: enter a new name.
- **Encode**: select an encode scheme. Encoding parameters can be customized on the Encode page.
- **Authentication**: click **Log In** and then follow the instructions to log into your account.
- **Ingest Server**: The system lists available servers. You can select a nearby server for an optimal network path.
- **Quick Stream**: optional. When it is enabled, you can start streaming quickly on the device screen.
- **Network**: You can set the network priority for streaming. Options include：
  - Default: The system's default network priority, that is Ethernet > WLAN > Cellular.
  - Cellular First
  - WLAN First
  - Ethernet First
- **Test**: click to test whether the previous configurations are working properly.

After configuration, the "Status" area of the Twitch server will display your account information.



Configure Facebook Live Server

On the Stream page, click **Log in** behind Facebook Live , and then start to configure. After everything is OK, save your configuration.

- **Name**: enter a new name.
- **Encode**: select an encode scheme. Encoding parameters can be customized on the Encode page.
- **Authentication**: click **Log In** and then follow the instructions to log into your account.

  Your username and profile image will be displayed after login.

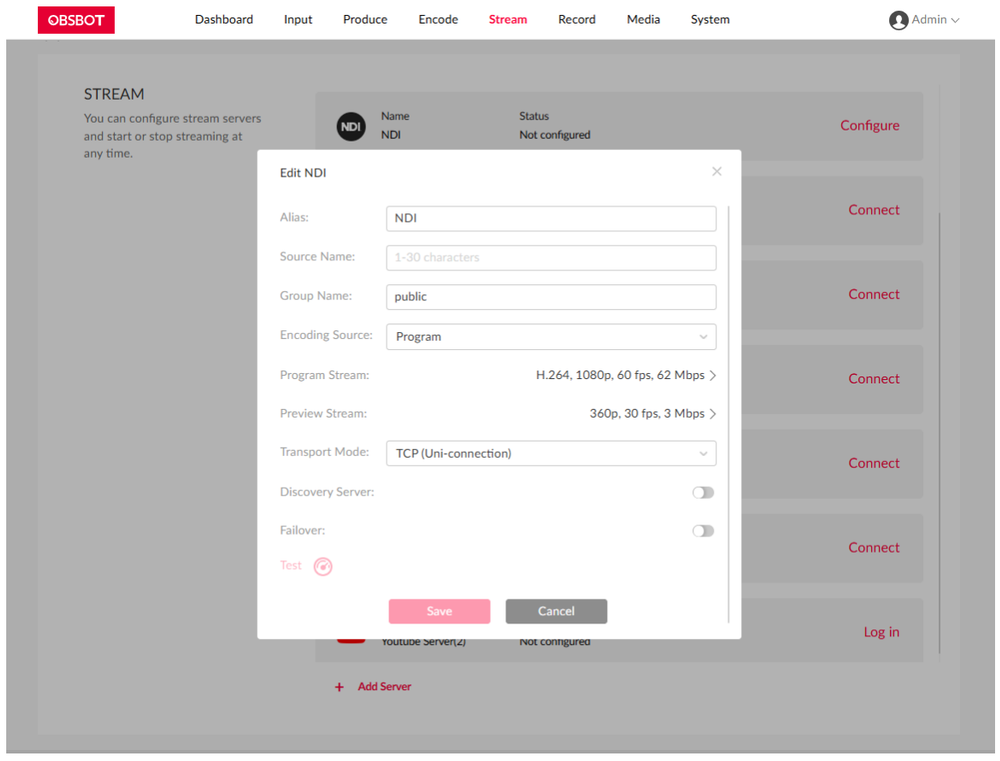
  Your nickname, user avatar images and authorization token will be stored encrypted in OBSBOT Talent device after a successful authorization. To delete your information, you can delete the created server or you can remove OBSBOT Talent from trusted apps from Facebook. Your personal data will be deleted upon request in 0 to 24 hours.

  After you log in successfully, the system automatically selects a ingest server for you, which you cannot change.
- **Post To**: select Timeline or a Page as the streaming destination.
- **Title**: set the title of the video stream (optional).
- **Description**: set the description of the video stream (optional).
- **Quick Stream**: optional. When it is enabled, you can start streaming quickly on the device screen.
- **Network**: You can set the network priority for streaming. Options include：
  - Default: The system's default network priority, that is Ethernet > WLAN > Cellular.
  - Cellular First

- WLAN First
- Ethernet First

- **Test**: click to test whether the previous configurations are working properly.

After configuration, the "Status" area of the Facebook Live server will display your account information.



Configure NDI Server

On the Stream page, click **Configure** behind NDI, and then start to configure. After everything is OK, save your configuration.

- **Alias**: enter an alias name for your convenience of multi-item management.
- **Source Name**: enter a name, which is the name of the output NDI stream for the receiver to recognize. It supports 1-30 characters, which contain A-Z, a-z, 0-9 and _-#()%.
- **Group Name**: enter a name to specify the client group receiving the NDI stream. It supports 1-64 characters, contain A-Z, a-z, 0-9 and _-,. Multiple group names can be comma-separated. The default group name is public. If you do not want other devices on the network to be able to search for it at will, you can set a private group name, and other devices need to use the private group name to search for this device.
- **Encoding Source**: select the source to encode. Options include Program, HDMI 1, HDMI 2, Webcam 1 and Webcam 2.
- **Program Stream**: set the following parameters.
  - **Codec**: Options include H.264 and H.265.
  - **Resolution**: Options include 640x360, 960x540, 1280x720, and 1920x1080.

- **FPS**: Options change along with the frame rate of the show, which can be 60/59.94/50/30/29.97/25/24/23.98/15 fps.
- **Bitrate**: It automatically changes according to resolution and FPS options.
- **Profile**: Options include Baseline Profile, Main Profile, and High Profile.
- **Bitrate Mode**: It is fixed at CBR.

- **Preview Stream**: set the following parameters.
  - **Resolution**: It is fixed at 640x360.
  - **FPS**: It changes along with the frame rate of the show.
  - **Bitrate**: It automatically changes according to the settings of Program Stream.
  - **Profile**: Options include Baseline Profile, Main Profile, and High Profile.
  - **Bitrate Mode**: It is fixed at CBR.
- **Transport Mode**: select a mode and set parameters if needed.
  - **UDP (Unicast)**: The device sends a UDP stream directly to the receiver. It is used where lower latency matters. And multiple simultaneous streams will work independently for multiple receivers.
  - **UDP (Multicast)**: The device sends the UDP stream to a multicast group. It is used for one-to-many broadcast for lower CPU usage. Parameters in a multicast configuration include:
    - **Multicast IP**: IP ranges from 224.0.0.0 to 239.255.255.255.
    - **Subnet Mask**: The legitimate value ranges from 255.0.0.0 to 255.255.255.252.
    - **Time to live**: It ranges from 1 to 255. The default value is 4.

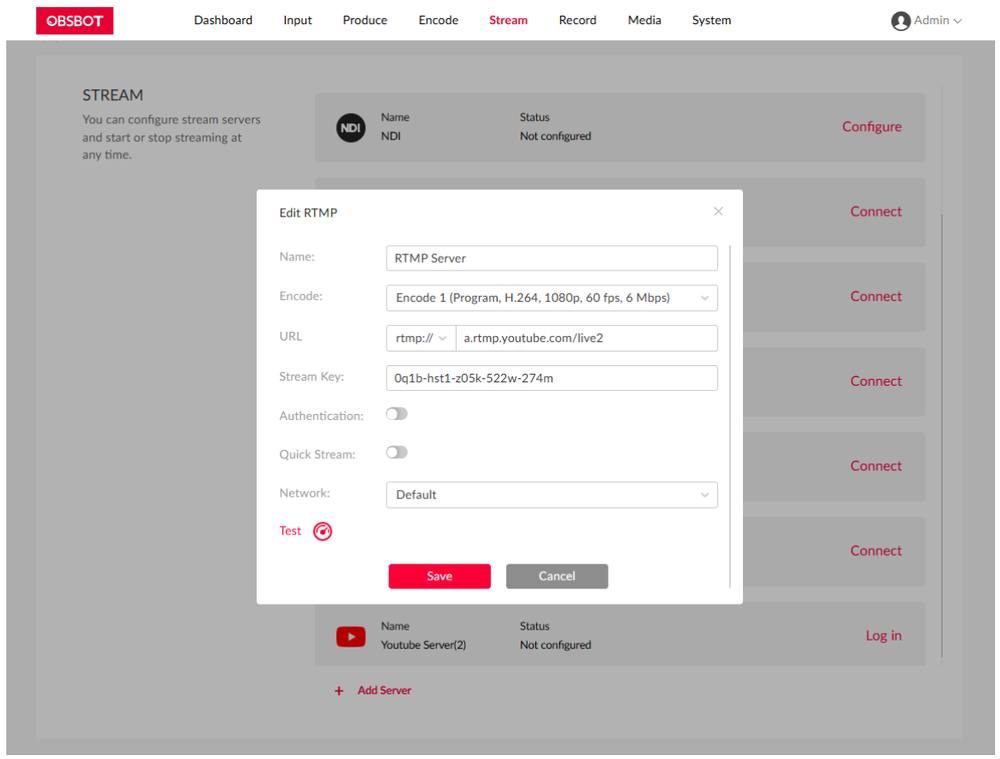
- **RUDP (Unicast)**: Reliable User Datagram Protocol, is a connection-oriented and unicast protocol. RUDP helps to maintain the flow control and reliability of data transfer. The transmission control algorithms on both sending and receiving sides guarantee the RUDP capable of recovering from data loss, duplication, delay and reordering.
- **TCP (Uni-Connection)**: It indicates to establish single TCP connection between the device and the receiver, and transfer all A/V packets via one port. Compared with UDP (Unicast) or TCP (Multi-Connection), it has lower CPU usage. It is used where reliable data transfer matters, which makes it suitable for 4K NDI streams.
- **TCP (Multi-Connection)**: It indicates to establish multiple TCP connections between the device and receivers, but transfer audio packet and video packet via different ports. It usually works in a complicated networking studio. It is used where reliable transmission of data matters, which makes it suitable for 4K NDI streams.
- **Discovery Server**: optional. When it is enabled, the device can only be received by the specified receiver, and the mDNS auto-discovery function is unavailable.

  1. Ensure that the receiver and device can ping each other.
     This function works between device and receiver that can ping each other even from differential network segment. After setting, the output stream of your device can be received by specified server.
  2. Specify the **Server IP** to the IP address of the discovery server.
  3. Set a same IP address of the discovery server on the NDI stream receiver. For example, launch the **NDI Access Manager** tool installed in the receive computer, enter the **Advanced** tab, uncheck **Multicast Sending Enabled** , and check **Use Discovery Server**, and then specify **Server IP** to the IP

address of the receiver server running discovery service function.
Note: The Server IP of NDI Access Manager and OBSBOT Talent device should be the same.

- **Failover**: optional. When it is enabled, it can protect your NDI transmission from failure. If the source video fails, the backup device begins to provide a service. The initial source will be restored after it recovers.
  - **Source name** shows the backup NDI channel name.
    Click **Change** and select the failover (backup) video device within the same NDI group as the initial source.
  - **IP address** shows the IP Address of the backup NDI channel, which is automatically obtained after you select the backup NDI source.
- **Test**: click to test whether the previous configurations are working properly.

After configuration, the "Status" area of the NDI server will display the configured Source Name.

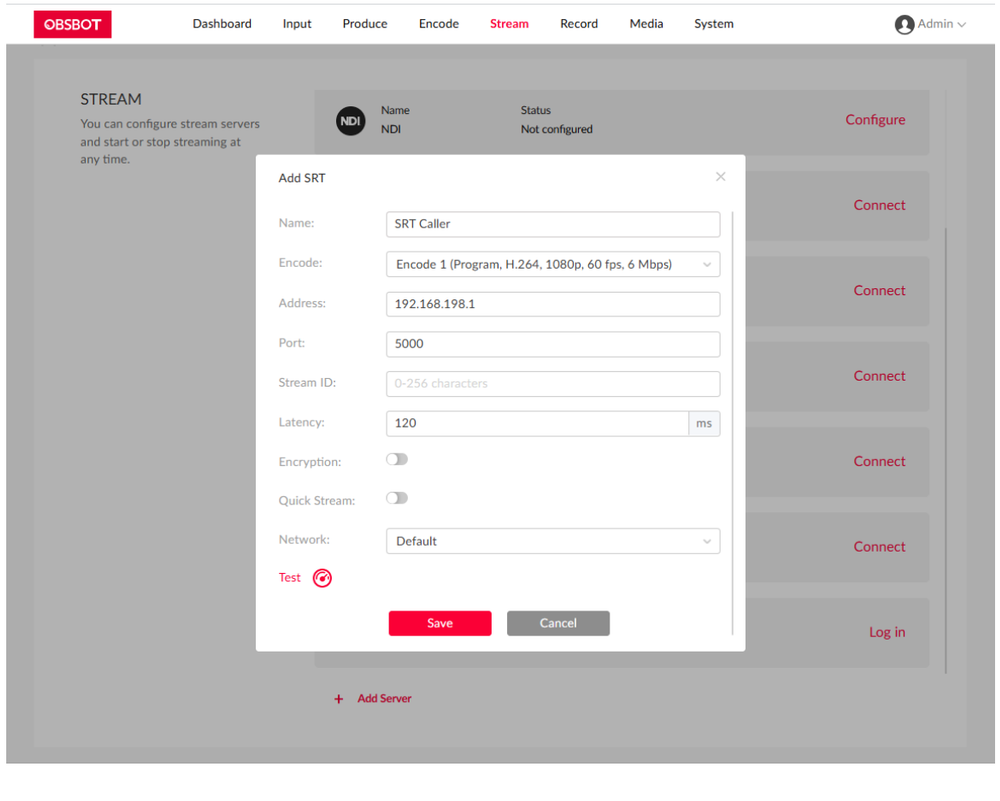


Configure RTMP Server

On the Stream page, click **Configure** behind RTMP Server, and then start to configure. After everything is OK, save your configuration.

- **Name**: enter an alias name for your convenience of multi-item management.
- **Encode**: select an encode scheme. Encoding parameters can be customized on the Encode page.
- **URL**: select "rtmp://" for RTMP streaming or "rtmps://" for RTMPS streaming, and then enter the URL of the stream destination. You can also paste a URL directly, it will automatically recognize the protocol.
- **Stream Key**: enter the key got from the stream destination.
- **Authentication**: if required, enter your **Username** and **Password** at the third-party live streaming platform.
- **Quick Stream**: optional. When it is enabled, you can start streaming quickly on the device screen.
- **Network**: You can set the network priority for streaming. Options include：
  - Default: The system's default network priority, that is Ethernet > WLAN > Cellular.
  - Cellular First
  - WLAN First
  - Ethernet First
- **Test**: click to test whether the previous configurations are working properly.

After configuration, the "Status" area of the RTMP server will display the configured URL.



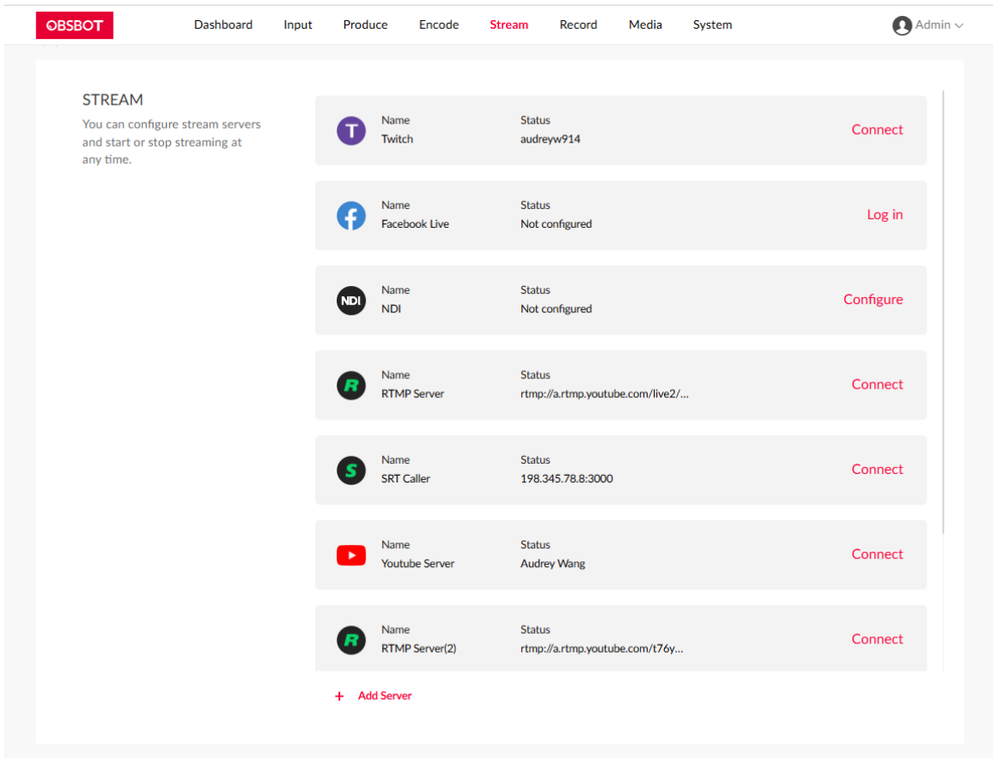
Configure SRT Caller

On the Stream page, click **Configure** behind SRT Caller, and then start to configure. After everything is OK, save your configuration.

- **Name**: enter an alias name for your convenience of multi-item management.
- **Encode**: select an encode scheme. Encoding parameters can be customized on the Encode page.
- **Address**: enter the address of receiver.
- **Port**: enter the port number of receiver. Value ranges from 1 to 65535.
- **Stream ID**: enter a custom ID, which can contain 0-256 characters.
- **Latency**: enter a number between 20 to 8000. The default value is 120ms. We recommend that the latency is configured the same as that of the receiver.
- **Encryption**: optional. You can select an encryption algorithm, which can be AES 128, AES 192 or AES 256. And enter the Password, which can contain 10 to 79 characters.
- **Quick Stream**: optional. When it is enabled, you can start streaming quickly on the device screen.
- **Network**: You can set the network priority for streaming. Options include：
  - Default: The system's default network priority, that is Ethernet > WLAN > Cellular.
  - Cellular First
  - WLAN First
  - Ethernet First
- **Test**: click to test whether the previous configurations are working properly.

After configuration, the "Status" area of the SRT Caller will display the configured

address and port, for example, 10.10.1.10:80.

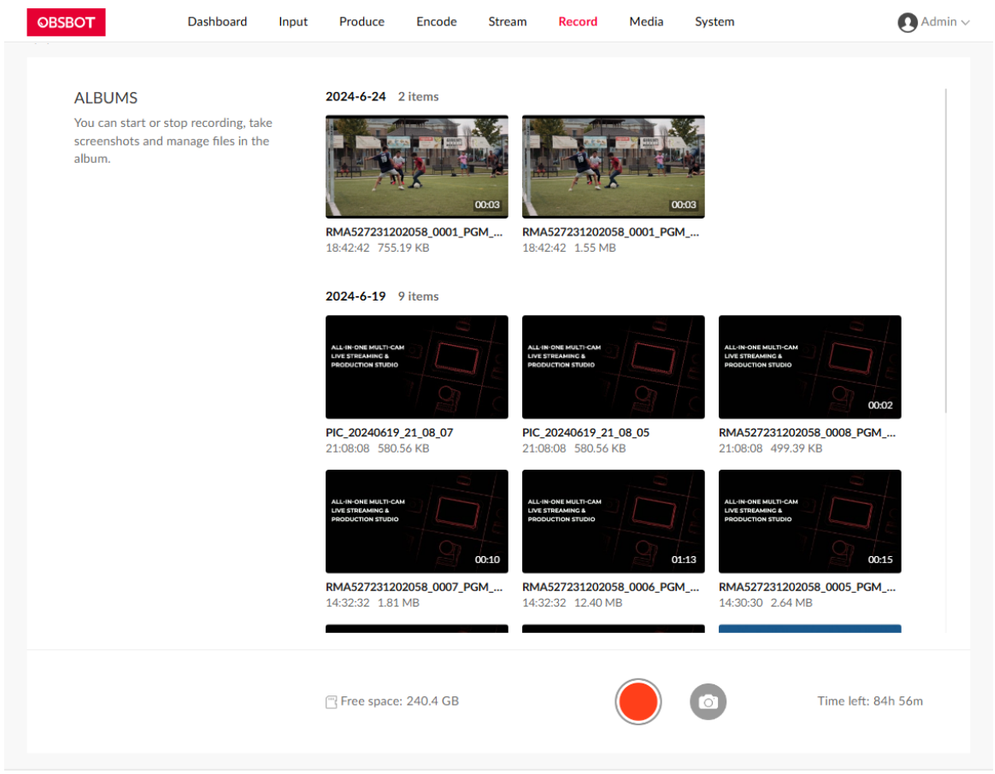


Start Streaming

You can simultaneously stream to two destinations at most.

1. Click **Connect** next to a configured server to start streaming to this server. Under the server name, it displays streaming duration and real-time streaming rate.
2. (Optional) Click **Connect** next to another configured server to stream to this server simultaneously.
3. Click **Disconnect** of a working server to stop streaming to the server.

Control Recording



On the **Record** page of the Web UI, you can start or stop recording, take screenshots and manage files in the album.

- View current save path (indicates the SD card, and indicates the internal storage), free space and time left for recording at the page bottom.
- Click to start recording, and click to stop recording.
- Click to take screenshots.
- Click recording or screenshot files in the Album to preview.

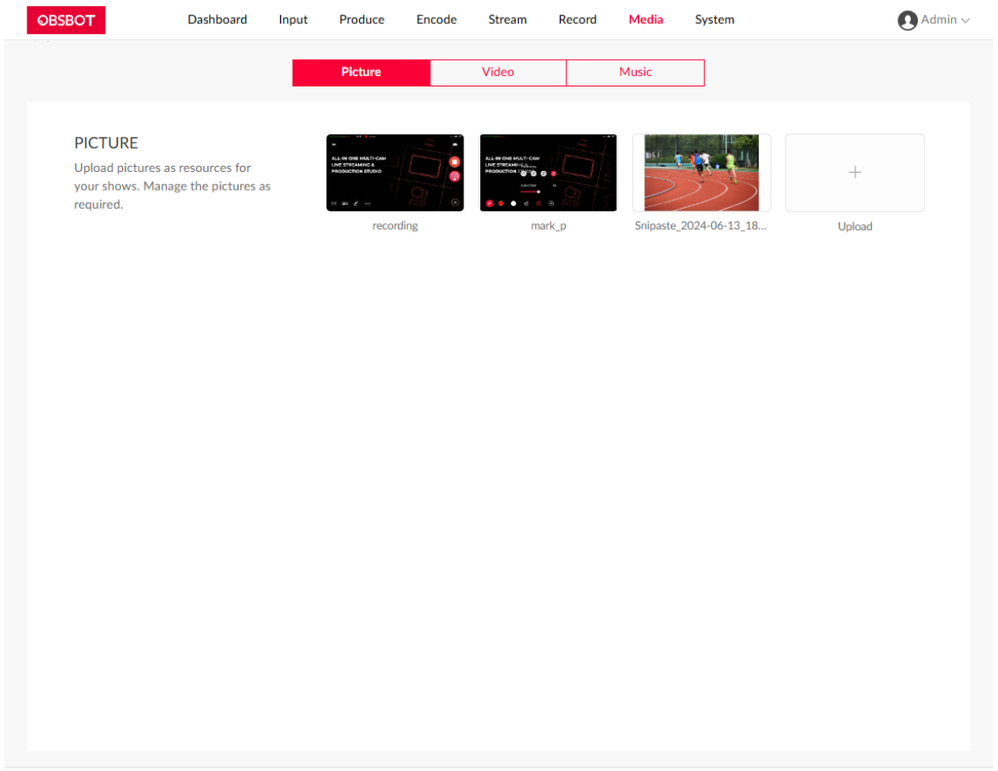
> For the H.265 video file, some web browsers may not support to preview. You can upgrade the browser and try again.

- Move the cursor over a thumbnail, click and then click **Download** to download the file to your computer.
- Move the cursor over a thumbnail, click and then click **Delete** to delete the file.

> - When the recording time is less than 1s, the recording file will not be saved.
> - When the remaining free space is insufficient, the device will stop recording automatically.

Manage Media Files

On the **Media** page of the Web UI, you can upload pictures, video clips and music files as resources for your shows, and you can manage these files.



Manage Pictures

Import Pictures

1. In the navigation bar at the upper part of the Web UI, click the **Media** tab.
2. Click the **Picture** tab at the upper part of the page.
3. On the **Picture** tab page, click the **+ Upload** button, and import a picture from the local computer.
   Supported formats are JPEG, PNG, BMP image files.
   The resource will be imported to OBSBOT Talent.

Preview Pictures

1. In the navigation bar at the upper part of the Web UI, click the **Media** tab.
2. Click the **Picture** tab at the upper part of the page.
3. On the **Picture** tab page, click a thumbnail to preview the picture.
4. On the preview page, click the left and right arrows to switch pictures.

Rename Pictures

1. In the navigation bar at the upper part of the Web UI, click the **Media** tab.
2. Click the **Picture** tab at the upper part of the page.
3. On the **Picture** tab page, move the mouse over a thumbnail, click the •••

icon, and click **Rename**.

4. Enter a new name (1-32 characters) and click **Rename**.

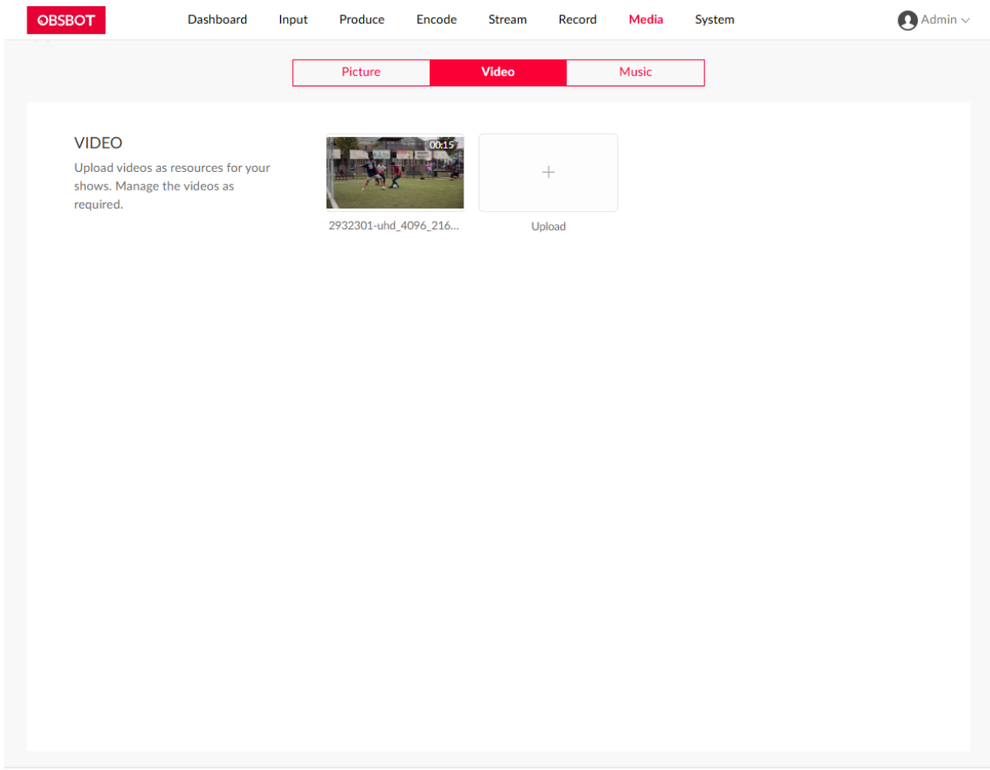
Download Pictures

1. In the navigation bar at the upper part of the Web UI, click the **Media** tab.
2. Click the **Picture** tab at the upper part of the page.
3. On the **Picture** tab page, move the mouse to a thumbnail, click the ••• icon, and click **Download**.
   The picture will be downloaded to the local computer.

Delete Pictures

1. In the navigation bar at the upper part of the Web UI, click the **Media** tab.
2. Click the **Picture** tab at the upper part of the page.
3. On the **Picture** tab page, move the mouse to a thumbnail, click the ••• icon, and click **Delete**.
4. On the displayed dialog box, click **Delete**.
   The picture will be removed from OBSBOT Talent.

> The resource used by any shows cannot be deleted.



Manage Video Clips

Import Video Clips

1. In the navigation bar at the upper part of the Web UI, click the **Media** tab.
2. Click the **Video** tab at the upper part of the page.
3. On the **Video** tab page, click the **+ Upload** button, and import a video from the local computer.
   Supported formats are MOV, MP4, MKV video files.
   The resource will be imported to OBSBOT Talent.

Preview Video Clips

1. In the navigation bar at the upper part of the Web UI, click the **Media** tab.
2. Click the **Video** tab at the upper part of the page.
3. On the **Video** tab page, click a thumbnail to preview the video.
4. On the preview page, click the left and right arrows to switch pictures.
5. Move the mouse over the video, and a playback control bar will appear at the bottom. You can play/pause the video, drag the playback progress bar, and adjust the volume.

Rename Video Clips

1. In the navigation bar at the upper part of the Web UI, click the **Media** tab.
2. Click the **Video** tab at the upper part of the page.
3. On the **Video** tab page, move the mouse to a thumbnail, click the ••• icon,

and click **Rename**.

4. Enter a new name (1-32 characters) and click **Rename**.

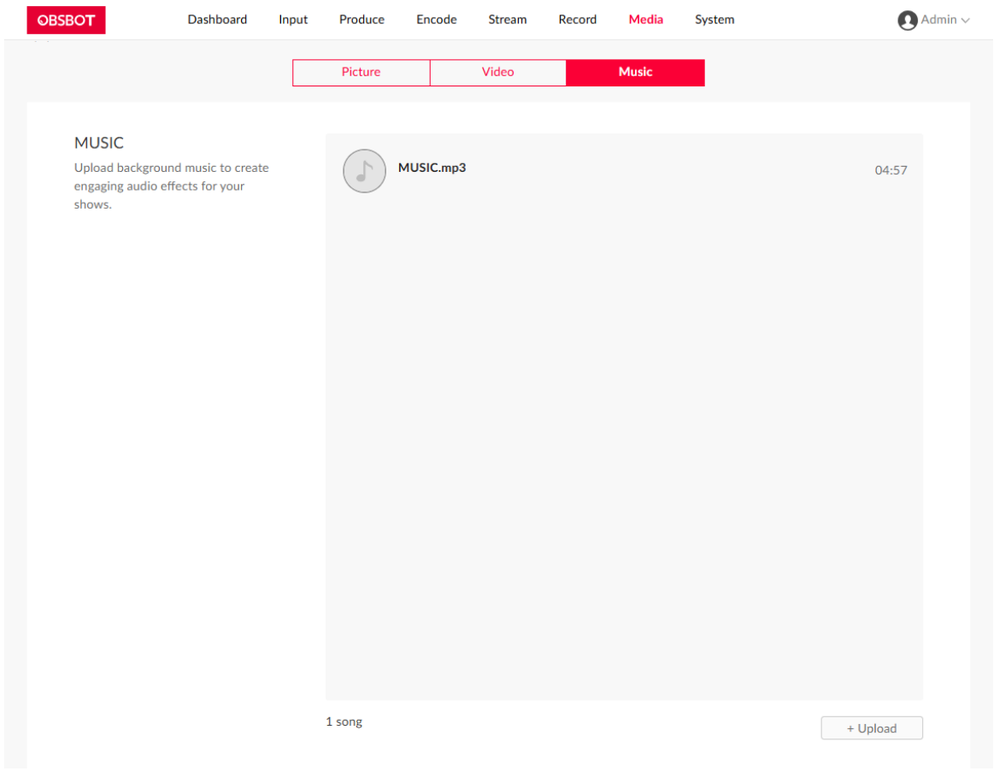
Download Video Clips

1. In the navigation bar at the upper part of the Web UI, click the **Media** tab.
2. Click the **Video** tab at the upper part of the page.
3. On the **Video** tab page, move the mouse to a thumbnail, click the ••• icon, and click **Download**.
   The video will be downloaded to the local computer.

Delete Video Clips

1. In the navigation bar at the upper part of the Web UI, click the **Media** tab.
2. Click the **Video** tab at the upper part of the page.
3. On the **Video** tab page, move the mouse to a thumbnail, click the ••• icon, and click **Delete**.
4. On the displayed dialog box, click **Delete**.
   The video will be removed from OBSBOT Talent.

> The resource used any shows cannot be deleted.



Manage Music

Import Music

1. In the navigation bar at the upper part of the Web UI, click the **Media** tab.
2. Click the **Music** tab at the upper part of the page.
3. On the **Music** tab page, click the **+ Upload** button at the lower right part of the page, and import music from the local computer.
   Supported formats are MP3, M4A, WAV files.
   The resource will be imported to OBSBOT Talent.

Preview Music

1. In the navigation bar at the upper part of the Web UI, click the **Media** tab.
2. Click the **Music** tab at the upper part of the page.
3. On the **Music** tab page, click any music to preview.

Download Music

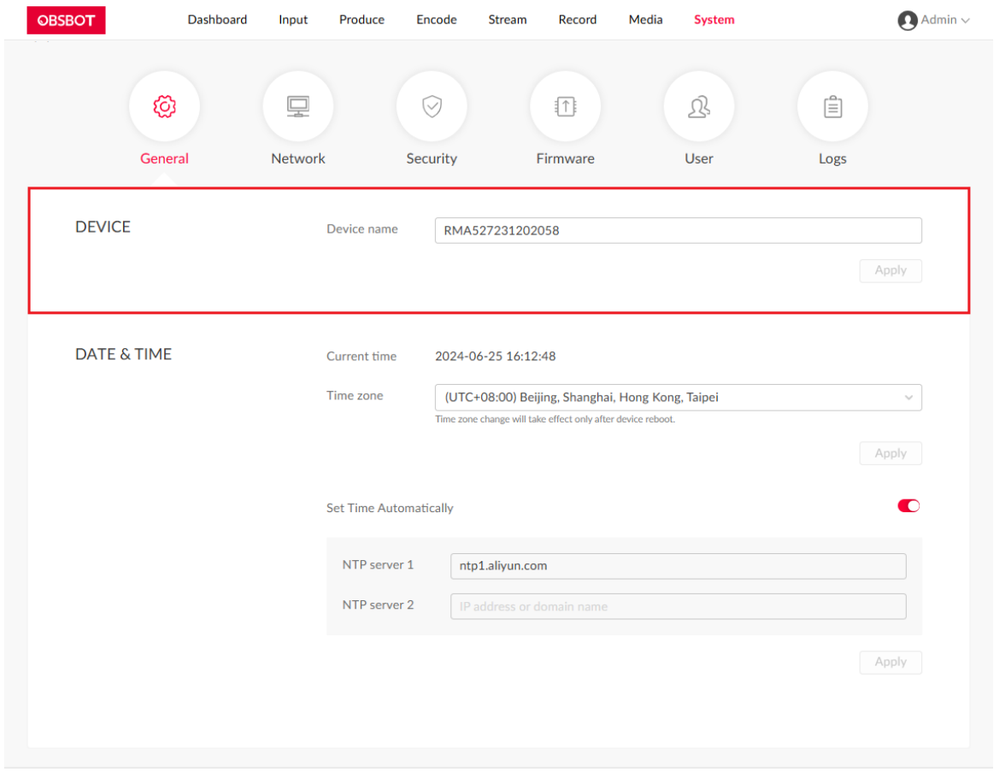
1. In the navigation bar at the upper part of the Web UI, click the **Media** tab.
2. Click the **Music** tab at the upper part of the page.
3. On the **Music** tab page, move the mouse over an item and click ↓ to download.
   The music will be downloaded to the local computer.

Delete Music

1. In the navigation bar at the upper part of the Web UI, click the **Media** tab.
2. Click the **Music** tab at the upper part of the page.
3. On the **Music** tab page, move the mouse over an item and click the delete button  on the right.
4. On the displayed dialog box, click **Delete**.
   The music will be removed from OBSBOT Talent.

> The resource used any shows cannot be deleted.

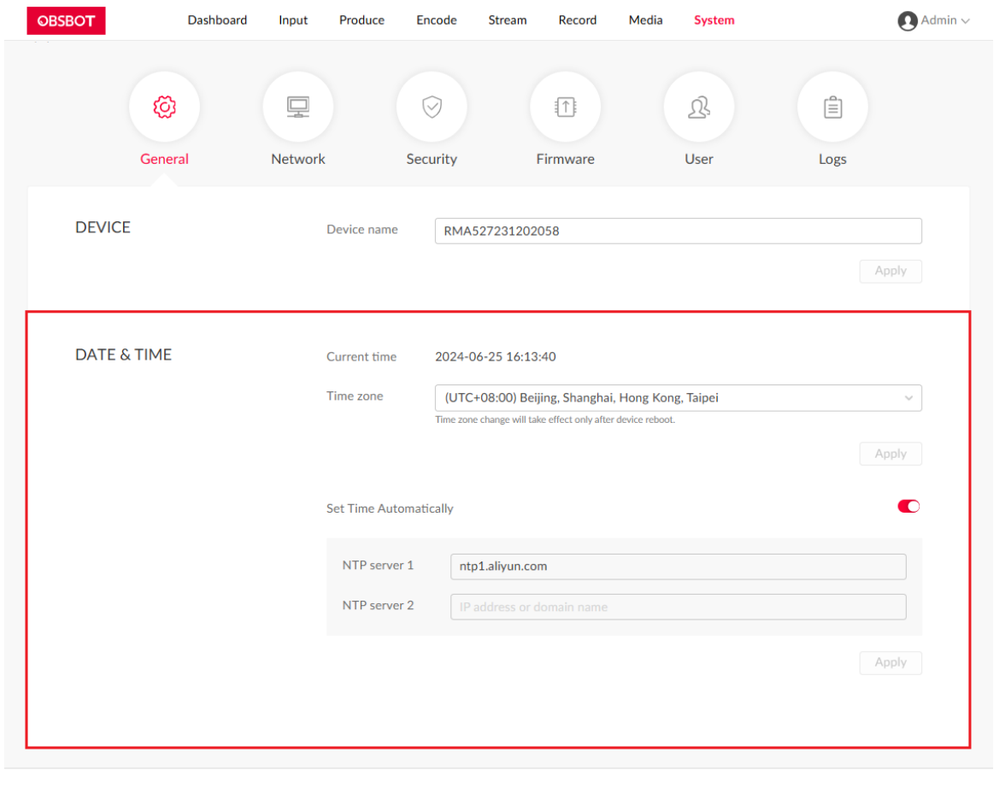
System Settings



Set Device Name

The device name is the **Device name** parameter displayed on the **Dashboard** page.

1. Log in to the Web UI as the Admin user.
2. Choose **System** > **General**.
3. In the **DEVICE** area, set **Device name**. By default, it is the serial number.
   The device name can consist of 1-32 characters. Supported characters: A-Z, a-z, 0-9, spaces and _-. Spaces cannot be at the start or end.
4. Click **Apply**.
5. Click **Dashboard** in the navigation bar. Check whether **Device name** in the **OBSBOT Talent** area is changed to the new name.
   The device name displayed in network discovery will also change accordingly.



Set System Time

OBSBOT Talent uses the system time for time-stamping the A/V input as well as logging and naming files.

Before using this device, you need to select your time zone and adjust time to ensure time accuracy.

Select Time Zone

1. Log in to the Web UI as the Admin user.
2. Choose **System** > **General**.
3. (Optional) In the **DATE & TIME** area, view **Current time**.
4. In the **DATE & TIME** area, select a time zone from the **Time zone** drop-down list box.
5. Click **Apply**.
6. On the displayed dialog box, click **Reboot**.
   The device will reboot. If you click **Later**, your configuration change will not apply until after next reboot.

Set Time Automatically

You can automatically synchronize time from the network.

By default, OBSBOT Talent automatically synchronizes time from NTP servers.

Network Time Protocol (NTP) servers provide network-based time synchronization service.

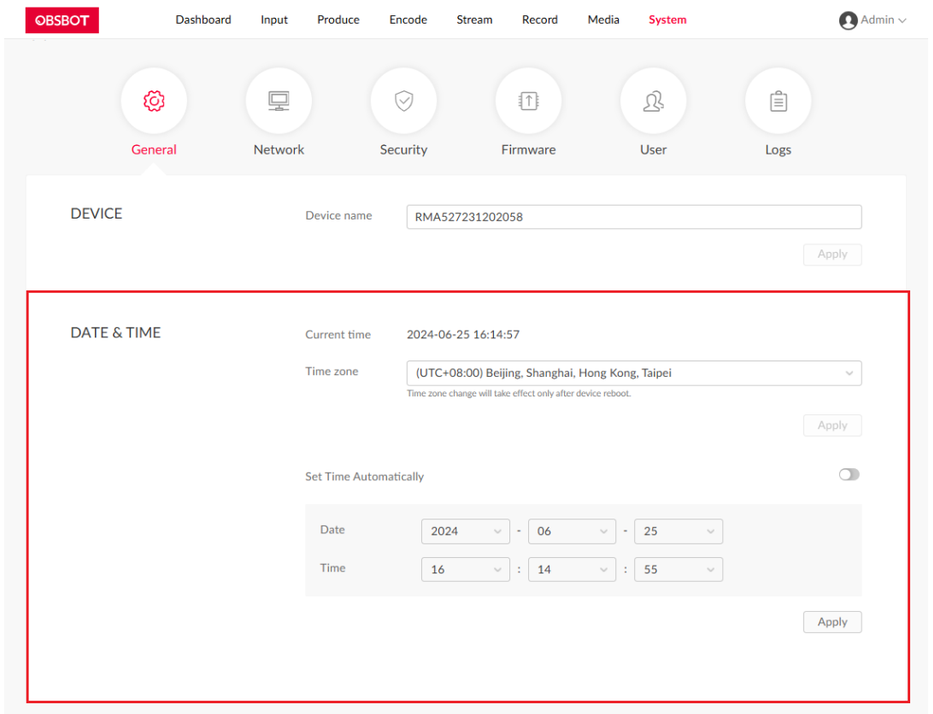
There are many NTP servers available on the Internet. You may also deploy your own ones. OBSBOT Talent uses the NTP1 servers provided by ntp1.aliyun.com by default. You can change these NTP servers as needed. For example, you may change to nearer servers to reduce network latency and improve time accuracy.

1. Log in to the Web UI as the Admin user.
2. Choose **System** > **General**.
3. In the **DATE & TIME** area, enable **Set Time Automatically**.

   > The **Set Time Automatically** switch is enabled by default. If it is disabled, you need to first enable it.

4. Set domain names for NTP servers.
   - **NTP server 1**: Domain name for NTP server 1, mandatory. The default is **ntp1.aliyun.com**. Make sure you enter a valid domain name.
   - **NTP server 2**: Domain name for NTP server 1, optional. Make sure you enter a valid domain name.
5. Click **Apply**.

   > Make sure you click this button after configuring. Otherwise, your configuration will become invalid.



Set Time Manually

You can also manually calibrate your system time.

1. Log in to the Web UI as the Admin user.
2. Choose **System** > **General**.
3. In the **DATE & TIME** area, disable **Set Time Automatically**.
4. Set **Date** and **Time**, and click **Apply**.
   Select data and time from the drop-down list boxes.
5. Click **Apply**.

> Make sure you click this button after configuring. Otherwise, your configuration will become invalid.

Configure Network

After connected to a network, OBSBOT Talent can add IP sources as scenes and stream to destinations.

Configure Ethernet

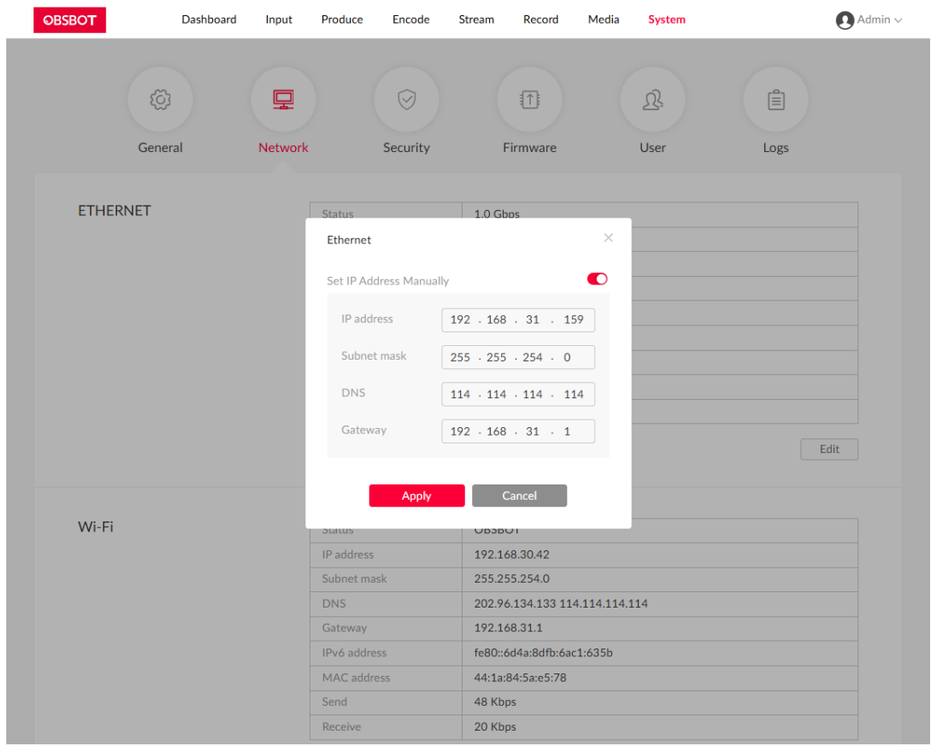
View Network Information

After OBSBOT Talent connects to an Ethernet network through the ETHERNET port, you can view the following Ethernet connection information in the **ETHERNET** area on the **Network** page.

1. Log in to the Web UI as the Admin user.
2. Choose **System** > **Network**.
3. In the **ETHERNET** area, view Ethernet connection information.

- **Status**: Ethernet connection status
  - **Down**: The network port is down.
  - **Disconnected**: No network is connected.
  - 10 Mbps, 100 Mbps, 1.0 Gbps, 2.5 Gbps, 5 Gbps, 10 Gbps: Ethernet connection speed
- **IP Address**: IP address of the OBSBOT Talent device
- **Subnet Mask**: a 32-bit mask that divides an IP address into two parts, network address and host address
- **DNS**: the current DNS
- **Gateway**: IP address of the gateway, which connects different networks
- **IPv6 address**: the current IPv6 address

- **MAC address**: MAC address of the current network adapter
- **Send**: data sending speed of OBSBOT Talent
- **Receive**: data receiving speed of OBSBOT Talent



Configure a Static IP Address for Ethernet

OBSBOT Talent uses an DHCP-assigned IP address by default, which can effectively avoid IP address conflict, but can also result in constant IP address changes.

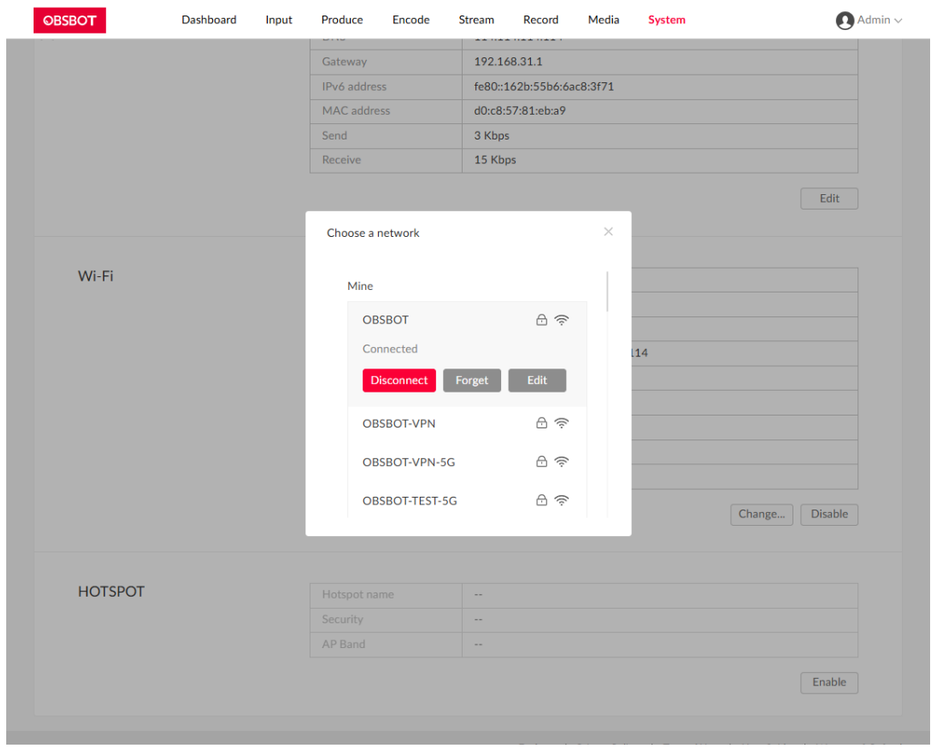
If no DHCP service is available in a network, you can manually set a static IP address for OBSBOT Talent. The static IP address will remain unchanged. However, you must make sure that this IP address is not used by any other device on the same network.

1. Log in to the Web UI as the Admin user.
2. Choose **System** > **Network**.
3. In the **ETHERNET** area, click **Edit**.
4. On the displayed window, enable **Set IP Address Manually**, and set **IP Address**, **Subnet mask**, **DNS** and **Gateway**.
   The current network settings are used by default.

   > To change back to using the DHCP service to obtain an IP address, disable **Set IP Address Manually** and click **Apply**. The parameters in the dialog box will be restored to their defaults.

5. Click **Apply**.

   > If you are currently accessing the Web UI using an Ethernet IP address, since the original IP address can no longer be used for access, the device will log you out.



6. In the address bar of a browser, enter the new IP address to ensure it can be used to access OBSBOT Talent.

Configure Wi-Fi

On the Web UI, you can configure the Wi-Fi connection for OBSBOT Talent.

Connect to a Wi-Fi Network

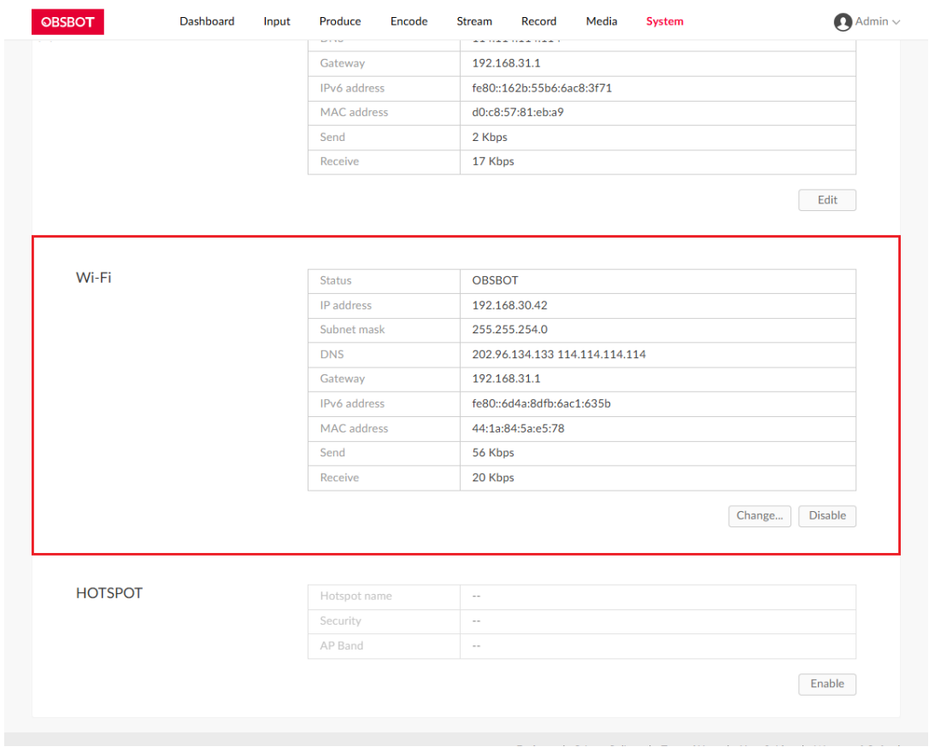
1. Log in to the Web UI as the Admin user.
2. Choose **System** > **Network**.
3. In the **Wi-Fi** area, click **Enable**, and then click **Connect...**.
   A list of available Wi-Fi networks are displayed.
   - **Mine**: lists all networks that has been connected previously. The currently connected network will display at the top.
   - **Others**: lists other available networks.
     A lock icon indicates that the network requires a password to connect. The Wi-Fi icon indicates the network connection strength.
4. In the Wi-Fi list, click a network and click **Connect**. If a network requires a password, you need to first enter the password.
   The connected network will be shown in the **Mine** area. You can:
   - Click **Disconnect** to disconnect from the network.
     The next time you connect to the network that requires password, you no longer need to enter the password.
   - Click **Forget** to forget the network.
     After this, the network will be removed from the **Mine** list. If the network

requires password, next time you will need to enter a password when connecting to it.

- Click **Edit** to set IP address manually. For details, refer to Configuring a Static IP Address for Wi-Fi.

> After you disconnect or forget one network, the device will automatically connect another network in the **Mine** area.

5. Click the close button at the upper right corner.
   The **Wi-Fi** area will show the current Wi-Fi connection information.
6. To change to another Wi-Fi, click **Change...**.

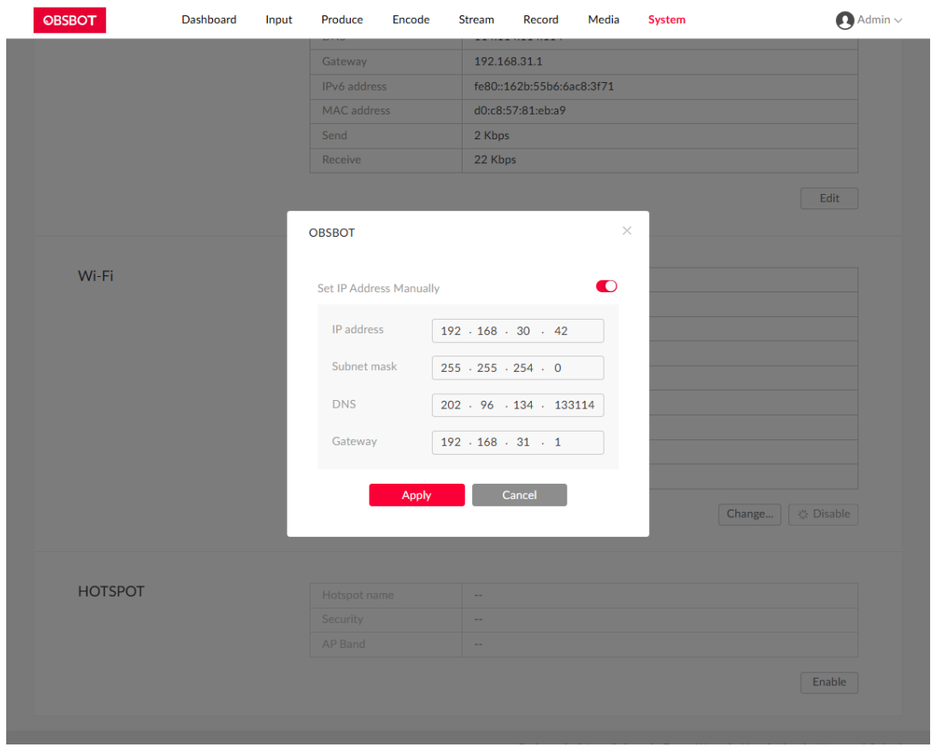


View Wi-Fi Connection Information

You can view the Wi-Fi connection information in the **Wi-Fi** area.

1. Log in to the Web UI as the Admin user.
2. Choose **System** > **Network**.
3. In the **Wi-Fi** area, view Wi-Fi connection information:
   - **Status**: Wi-Fi connection status
     - **Down**: The network port is down.
     - **Disconnected**: No network is connected.
     - *Network name*: Name of the connected network
   - **IP Address**: IP address of OBSBOT Talent
   - **Subnet Mask**: a 32-bit mask that divides an IP address into two parts, network address and host address

- **DNS**: the current DNS
- **Gateway**: IP address of the gateway, which connects different networks
- **IPv6 address**: the current IPv6 address
- **MAC address**: MAC address of the current network adapter
- **Send**: data sending speed of OBSBOT Talent
- **Receive**: data receiving speed of OBSBOT Talent



Configure a Static IP Address for Wi-Fi

OBSBOT Talent uses an DHCP-assigned IP address by default, which can effectively avoid IP address conflict, but can also result in constant IP address changes.

If no DHCP service is available in a network, you can manually set a static IP address for OBSBOT Talent. The static IP address will remain unchanged. However, you must make sure that this IP address is not used by any other device on the same network.

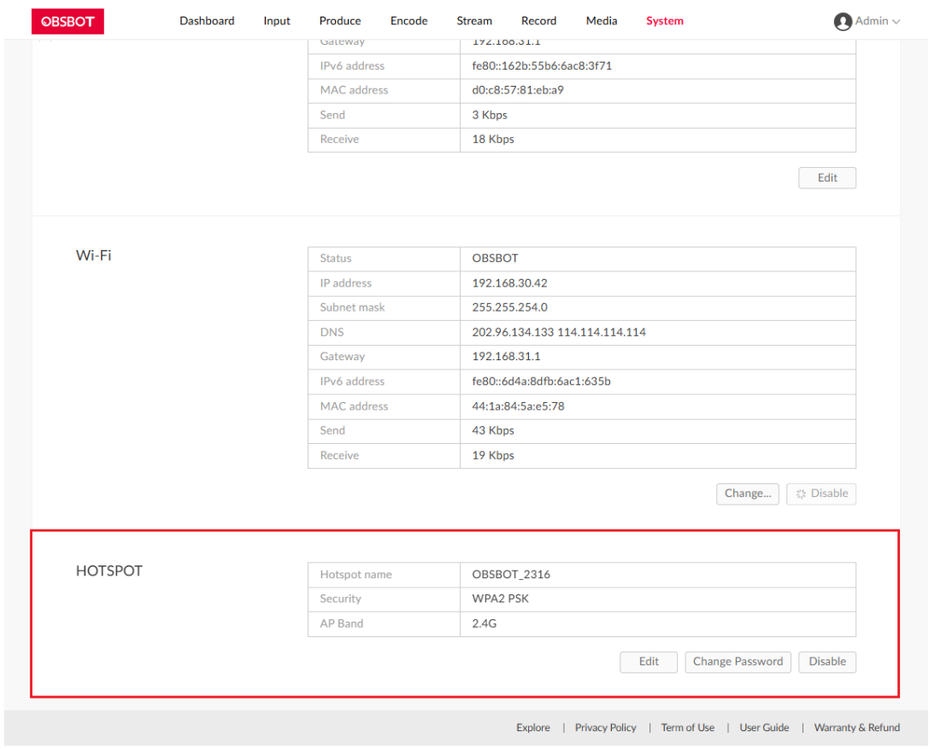
1. Log in to the Web UI as the Admin user.
2. Choose **System** > **Network**.
3. In the **Wi-Fi** area, click **Change...**.
4. Click **Edit** in the **Mine** area.
5. On the displayed window, enable **Set IP Address Manually**, and set **IP Address**, **Subnet mask**, **DNS** and **Gateway**.
   The current network settings are used by default.

> To change back to using the DHCP service to obtain an IP address, disable **Set IP Address Manually** and click **Apply**. The parameters in the dialog box will be restored to their defaults.

6. Click **Apply**.

> If you are currently accessing the Web UI using a Wi-Fi IP address, since the original IP address can no longer be used for access, the device will log you out.

7. In the address bar of a browser, enter the new IP address to ensure it can be used to access OBSBOT Talent.



Configure Hotspot

OBSBOT Talent can serve as a hotspot, which can be configured on the Web UI.

Enable Hotspot

1. Log in to the Web UI as the Admin user.
2. Choose **System** > **Network**.
3. Click **Enable** in the **HOTSPOT** area.
4. To disable hotspot, click **Disable**.

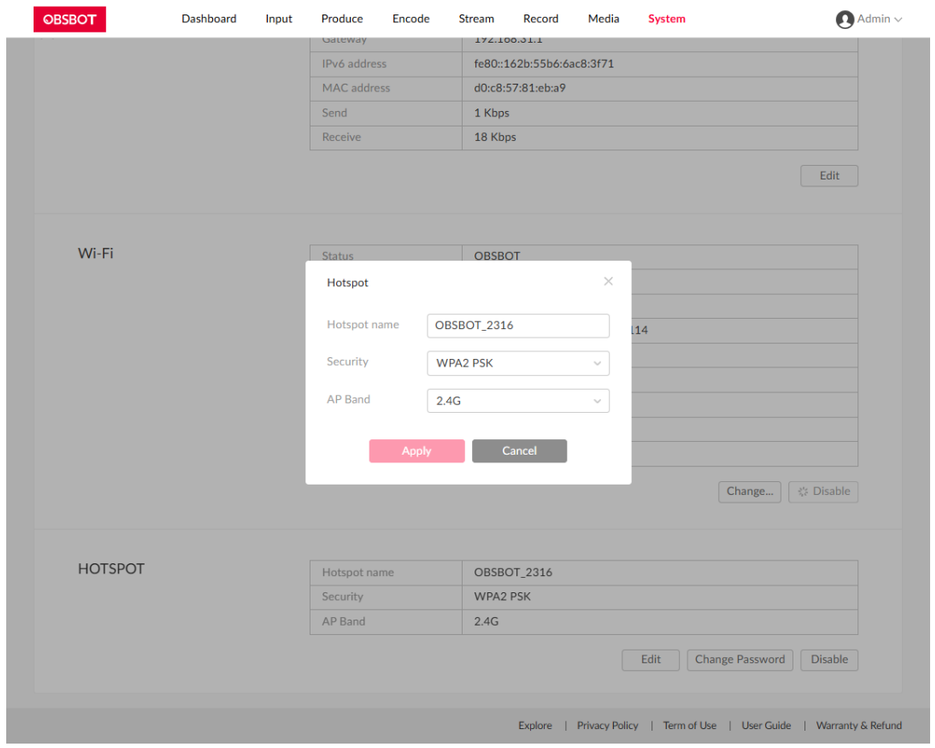
View Hotspot Information

After hotspot is enabled, you can view its information.

1. Log in to the Web UI as the Admin user.
2. Choose **System** > **Network**.
3. View hotspot information in the **HOTSPOT** area.
   - **Hotspot name**: the unique name that identifies your OBSBOT Talent's hotspot network. It is what appears when you search for available networks on your device.

- **Security**: the measures taken to safeguard the connection between your device and the hotspot network. It ensures that your data transmission remains confidential and protected from unauthorized access.
  - **WPA2 PSK**: Other device need a password to access the hotspot.
  - **No authentication**: Other device can access the hotspot freely.
- **AP Band**: the frequency band on which the hotspot operates. The AP Band determines the range and performance of your hotspot connection.
  - **2.4G**: the 2.4 GHz band offers wider coverage but with slower speeds.
  - **5G**: the 5 GHz band provides faster speeds but with shorter range.

    > To ensure the connection effect, when 5G is selected, the recommended optimal connection distance is within 5 meters, and a maximum of 5 devices can be connected. When 2.4G is selected, the recommended optimal connection distance is within 5 meters, and a maximum of 2 devices can be connected.



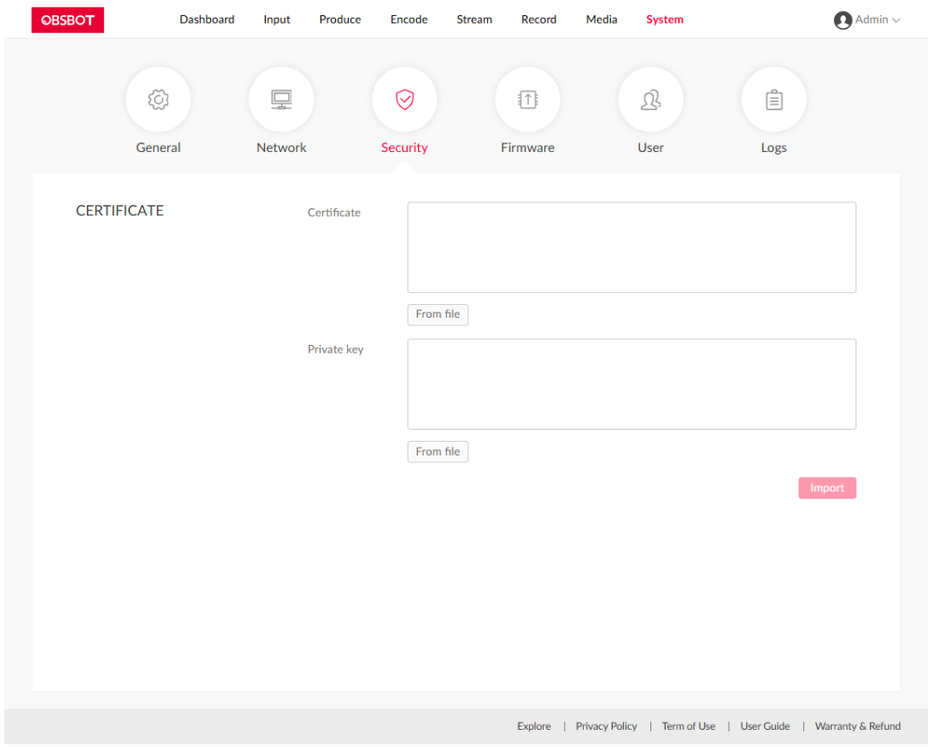
Edit Hotspot

1. Log in to the Web UI as the Admin user.
2. Choose **System** > **Network**.
3. Click **Edit** in the **HOTSPOT** area.
4. Enter a hotspot name.
5. Select the security mode. If you select WPA2 PSK, the device will generate a default password which you can view on the device. You can change the password.
6. Select the AP band. You may refer to Which AP band should I choose for hotspot.
7. Click **Apply**.

Change Hotspot Password

When you set the hotspot security to WPA2 PSK, a password is required for accessing the hotspot network. You can change the default password.

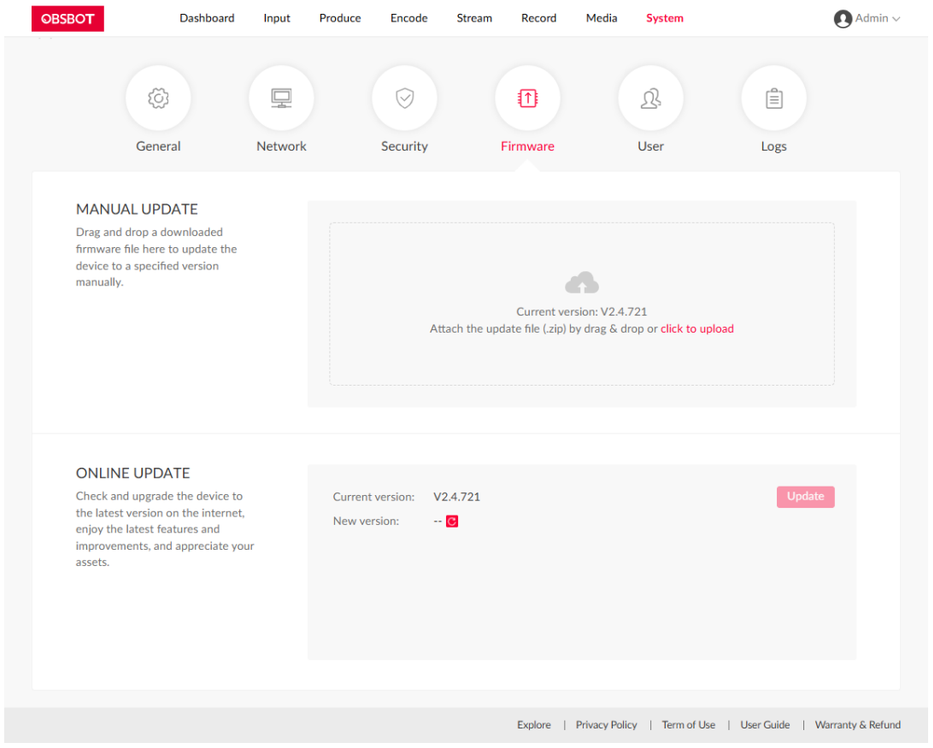
1. Log in to the Web UI as the Admin user.
2. Choose **System** > **Network**.
3. Click **Change Password** in the **HOTSPOT** area.
4. In the displayed window, enter a password, and confirm the password.
   The password is case sensitive, ranging from 1 to 32 characters consisting of A-Z, a-z, 0-9, and special characters _-~!@#$%^&*-+=
5. Click **OK**.
   The password will take effect immediately



Enable HTTPS

By default, you can log into the Web UI via HTTP. You can also enable HTTPS.

1. Log in to the Web UI as the Admin user.
2. Choose **System** > **Security**.
3. Add HTTPS certificate.
    i. Click **From file** of **Certificate** and select the certificate file.
    ii. Click **From file** of **Private Key** and select the private key file.
    iii. Click **Import**. The certificate information will be displayed on the page.
4. Click **Enable** and reboot the device to make the configuration take effect.
5. Enter the IP address prefixed with https:// into your browser, revisit the Web UI, and log in.
6. To change the certificate, click **Change** to re-import.
7. To delete the certificate, click **Delete**, and then reboot the device to make the configuration taking effect.
8. To disable HTTPS login, click **Disable**, and then reboot the device to make the configuration taking effect.



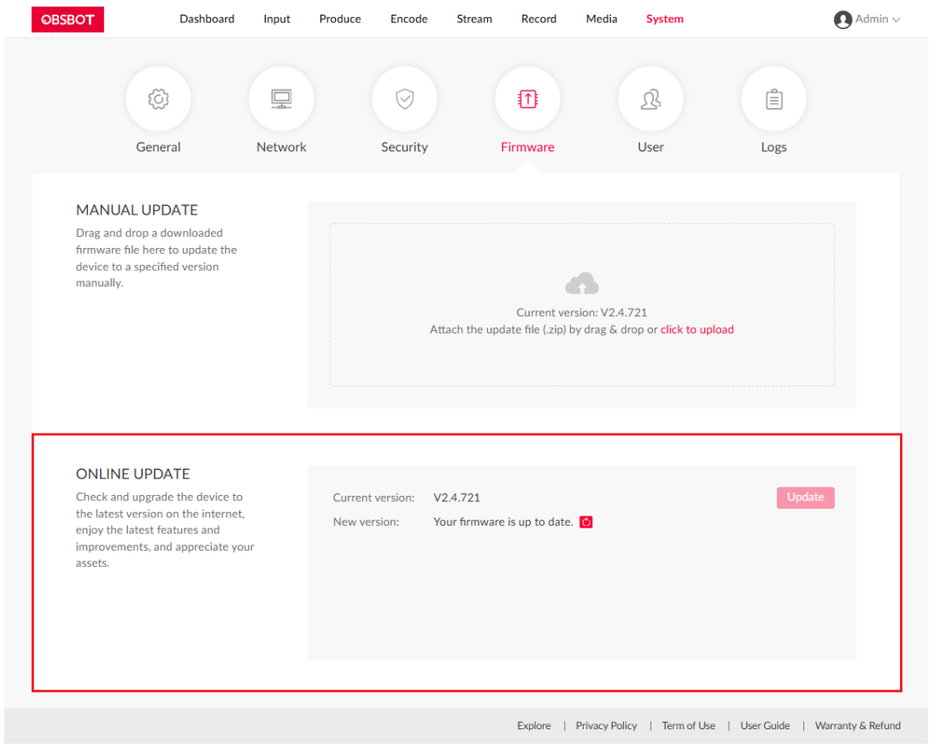
Update Firmware

Both manual update and online update are supported. Manual update allows you to import any version while online update automatically updates to the latest version.

Manually Update Firmware

> Before updating, download the firmware from the official website to your local computer.

1. Log in to the Web UI as the Admin user.
2. Choose **System** > **Firmware**.
   In the **MANUAL UPDATE** area, you can view the current firmware version.
3. In the **MANUAL UPDATE** area, click **click to upload** in the file upload box to select the firmware file stored locally and upload.
   You can also drag the firmware file to the file upload box.
   The device will automatically verifies if the update file is valid. If yes, the device then loads the file.
4. In the **Manual Update** window, click **Update**.
   - The update consists of operations including erasing and writing, so you need to wait for a while.
   - While updating, do not shut down/reboot the device, or disconnect from the network.
   - If the update is interrupted due to unexpected exceptions (such as power outage or network disconnection), the firmware will roll back to the factory version, and you need to update the firmware again.



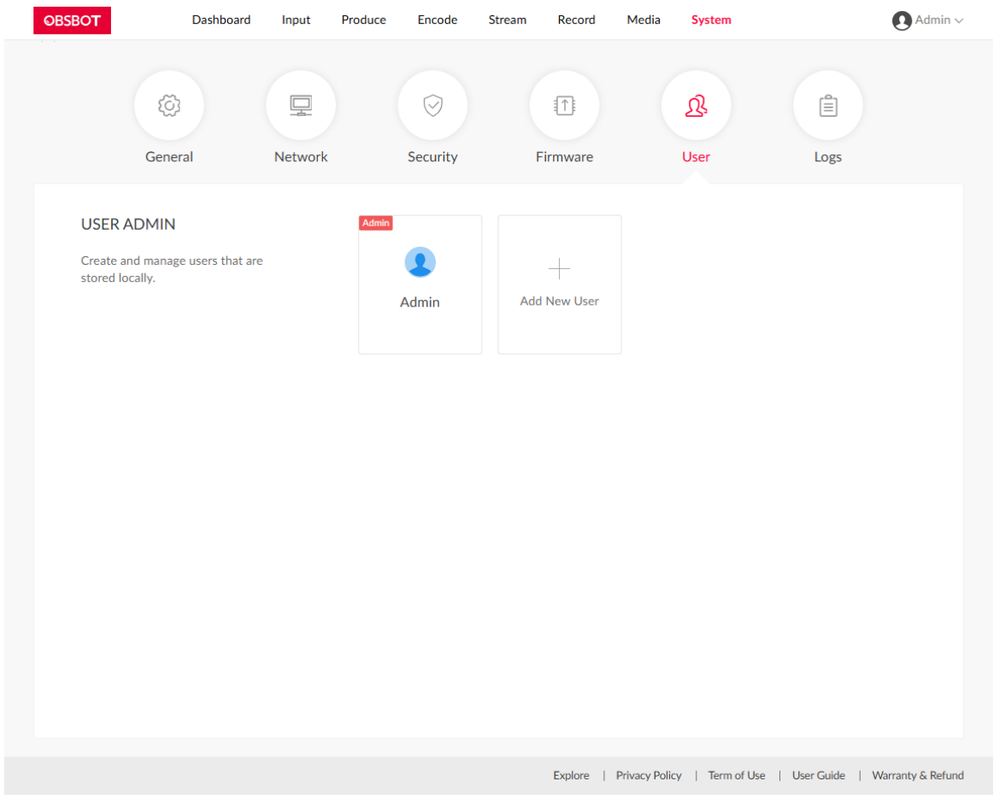
5. When the update is completed, click **Reboot**.
   The reboot will automatically disconnect from and then connect to the network. when the reboot is completed, you will be directed to the Web UI login page.
6. Log in to the Web UI again and check **Software** in the **Version** area on the **Dashboard** page.
   The software version should be the one you just updated to.

Update Firmware Online

1. Log in to the Web UI as the Admin user.
2. Choose **System** > **Firmware**.
3. In the **ONLINE UPDATE** area, check if any update is available.
   You can click the update icon next to **New version** to refresh.
4. If update is available, click the **Update** button.
   - The update consists of operations including erasing and writing, so you need to wait for a while.
   - While updating, do not shut down/reboot the device, or disconnect from the network.
   - If the update is interrupted due to unexpected exceptions (such as power outage or network disconnection), the firmware will roll back to the factory version, and you need to update the firmware again.
5. When the update is completed, click **Reboot**.
   The reboot will automatically disconnect from and then connect to the network. when the reboot is completed, you will be directed to the Web UI login page.

6. Log in to the Web UI again and check **Software** in the **Version** area on the **Dashboard** page.
   The software version should be the one you just updated to.

   > Online update does not support version rollback. If you need to roll back, use manual update.



Manage Users

OBSBOT Talent has a preset Admin user that cannot be deleted. The Admin user can create and manage users for the current OBSBOT Talent device.

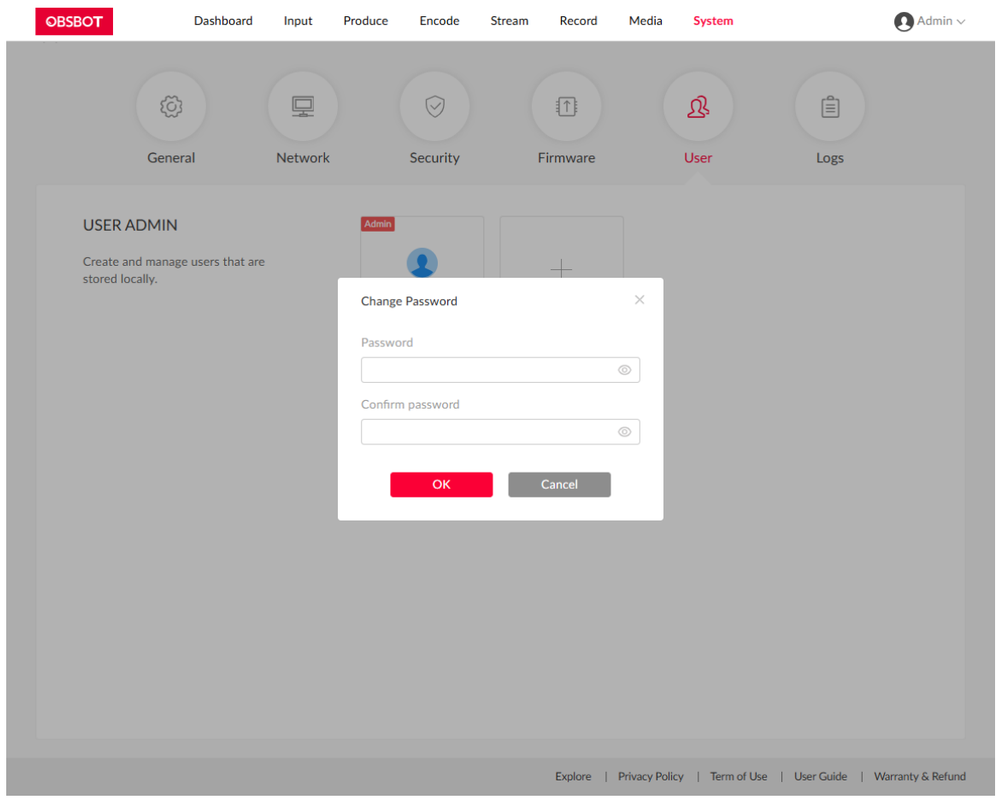
Create Users

Multiple users can access the same device for monitoring or other operations.

1. Log in to the Web UI as the Admin user.
2. Choose **System** > **User**.
3. On the **User** tab page, click the **Add New User** button.
4. Enter the user name and password, and confirm the password.
   - The user name is case sensitive, ranging from 3 to 12 characters consisting of A-Z, a-z, 0-9 and underscores (_).
   - The password is case sensitive, ranging from 1 to 32 characters consisting of A-Z, a-z, 0-9, and special characters _-~!@#$%^&*-+=
5. Click **OK**.

Delete Users

1. Log in to the Web UI as the Admin user.
2. Choose **System** > **User**.
3. On the **User** tab page, move the mouse to a user and click the **X** icon at the upper right corner.
   The **Admin** user cannot be deleted.
4. In the displayed dialog box, click **Yes**.



Reset the Password

1. Log in to the Web UI as the Admin user.

   If you need to reset the password of the Admin user, you need to reset the device to restore to the default Admin account. For details, please refer to *OBSBOT Talent User Manual*.

2. Choose **System** > **User**.

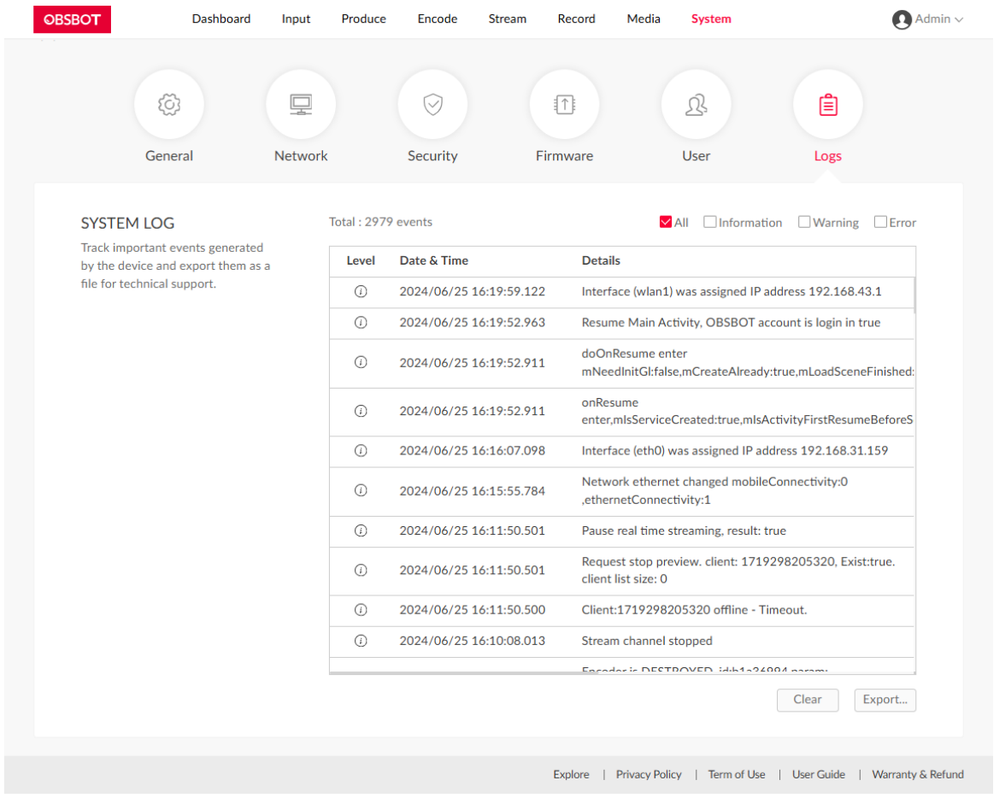
3. On the **User** tab page, move the mouse to a user and click **Set password** .

4. In the displayed window, enter the new password, and confirm the new password.

   The password is case sensitive, ranging from 1 to 32 characters consisting of A-Z, a-z, 0-9, and special characters _-~!@#$%^&*-+=

5. Click **Yes**.

   The new password will take effect immediately.

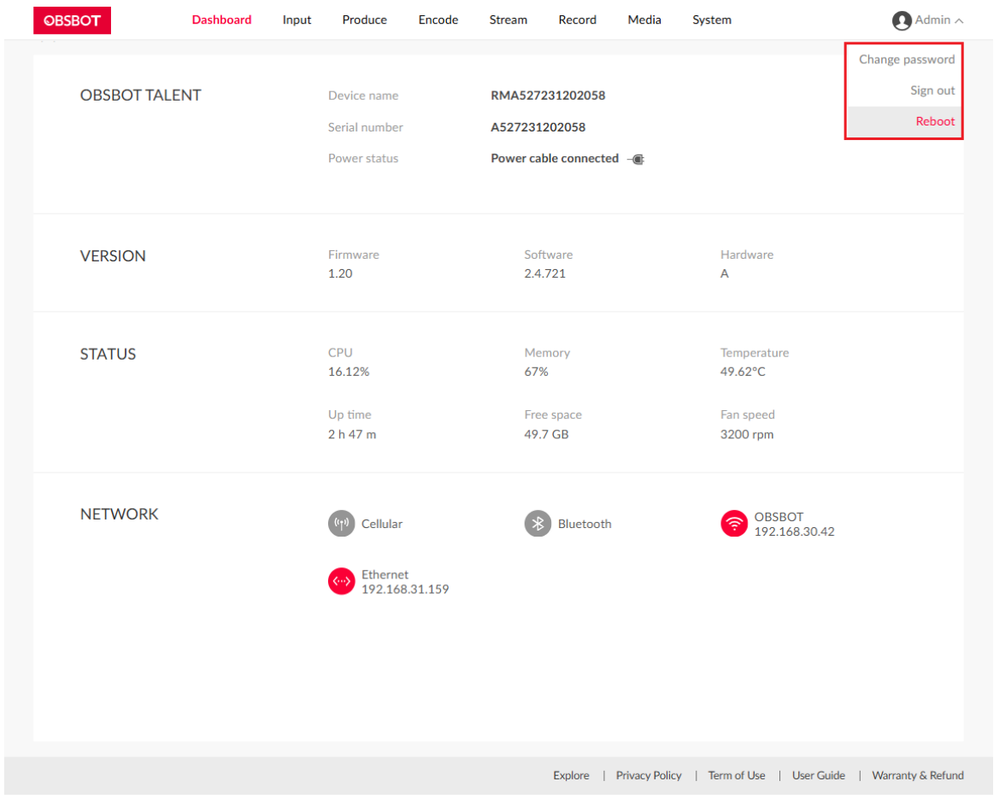


Manage Logs

When you need support service, providing logs to support engineers can often help troubleshooting your problem. Only the Admin user can export logs.

1. Log in to the Web UI as the Admin user.
2. Choose **System** > **Logs**.
3. (Optional) In the **SYSTEM LOG** area, filter logs.
   By default, all logs are displayed in the table. Check the following boxes to display corresponding logs:
   - **All**: Check to display all logs.
   - **Information**: Check to display information logs. This log level records user operations and system events, such as login and signal locking.
   - **Warning**: Check to display warning logs. This log level records system exceptions, such as Ethernet disconnection, and signal not locked.
   - **Error**: Check to display error logs. This log level records serious system errors, such as device initiation failure.

   The total number of logs is also displayed above the log list.
4. (Optional) Click **Export...** to export a log file in .html format.
   In the displayed window, click **Export**.
5. (Optional) Click **Clear** to remove all logs.
   In the displayed window, click **Yes**.



Reboot Device

When OBSBOT Talent cannot run properly, you can reboot the device for troubleshooting.

> ⚠ Rebooting will not make the current device settings invalid.

1. Log in to the Web UI as the Admin user.
2. At the upper right corner of the Web UI, click the user name, and click **Reboot**.
3. In the displayed window, click **Reboot**.
   The reboot will automatically disconnect from and then connect to the network. when the reboot is completed, you will be directed to the Web UI login page.

Shortcuts for OBSBOT Talent

You can set shortcuts on the Produce page, and then call the following functions.

Function Name	Description	Remark
Scene		
Switch to the specific scene	Switch to a specific scene	Specify a scene by selecting scene name
Switch to the first scene	Switch to the first scene	
Switch to the last scene	Switch to the last scene	
Switch to the next scene	Switch to the next scene	
Switch to the previous scene	Switch to the previous scene	
GFX		
Turn on GFX	Display a GFX	Specify a GFX by selecting GFX name
Turn off GFX	Undisplay a GFX	Specify a GFX by selecting GFX name
Turn on/off GFX	Display/Undisplay a GFX	Specify a GFX by selecting GFX name
Clear overlay	Undisplay all displayed GFXs and live comment	
Transition		
Turn on quick switch	Turn on quick switch	
Turn off quick switch	Turn off quick switch	
Turn on/off quick switch	Turn on/off quick switch	
Set transition effect	Set transition effect to "cut" or "fade"	

Function Name	Description	Remark
Set transition duration	Set transition duration, ranging from 50ms to 1000ms	
Set FTB transition duration	Set FTB transition duration, ranging from 200ms to 2000ms	
Stream		
Start live streaming	Start live streaming to a specific destination	Specify the destination by selecting stream name
Stop live streaming	Stop live streaming to a specific destination	Specify the destination by selecting stream name
Start/Stop live streaming	Start/Stop live streaming to a specific destination	Specify the destination by selecting stream name
Stop all live streaming	Stop all live streaming	
Record		
Start recording	Start recording	
Stop recording	Stop recording	
Start/Stop recording	Start/Stop recording	
Screenshot	Take a screenshot	
Video		
Play video	Play video in program view	
Pause video	Pause video in program view	
Play/Pause video	Play/Pause video in program view	
BGM		

Function Name	Description	Remark
Play BGM	Play BGM in program view	
Pause BGM	Pause BGM in program view	
Play/Pause BGM	Play/Pause BGM in program view	
Go to the first song	Go to the first song	
Go to the last song	Go to the last song	
Go to the next song	Go to the next song	
Go to the previous song	Go to the previous song	
Go to the song	Go to a specified song	Specify a song by selecting song name
Audio Mixer		
Set PROGRAM option	Turn on/off PROGRAM audio	
Set PROGRAM volume	Set the gain of PROGRAM audio, ranging from -40dB to 10dB	
Set PREVIEW option	Turn on/off PREVIEW audio	
Set PREVIEW volume	Set the gain of PREVIEW audio, ranging from -40dB to 10dB	
Set MONITOR option	Turn on/off MONITOR audio	
Set MONITOR volume	Adjust MONITOR volume, ranging from -40dB to 10dB	

Function Name	Description	Remark
Select MONITOR device	Set MONITOR device	Specify the device by selecting Microphone Jack, Bluetooth device (if connected) or USB device (if connected)
Set MIC option	Turn on/off MIC audio	
Set MIC volume	Set the gain of MIC audio, ranging from -40dB to 10dB	
Set Bluetooth option	Turn on/off Bluetooth audio	
Set Bluetooth volume	Set the gain of Bluetooth audio, ranging from -40dB to 10dB	
Set USB AUDIO option	Turn on/off a specific USB audio	Specify the USB audio by selecting device name
Set USB AUDIO volume	Set the gain of a specific USB AUDIO, ranging from -40dB to 10dB	Specify the USB audio by selecting device name
Set HDMI 1 action scope	Apply HDMI 1 audio settings to global or per scene	
Set HDMI 1 global option	Set global option of HDMI 1 audio, which can be AFV, Always On or Always Off	
Set HDMI 1 scene option	Set scene-based option of HDMI 1 audio, which can be Audio On or Audio Off	
Set HDMI 1 volume	Set the gain of HDMI 1 audio, ranging from -40dB to 10dB	

Function Name	Description	Remark
Set HDMI 2 action scope	Apply HDMI 2 audio settings to global or per scene	
Set HDMI 2 global option	Set global option of HDMI 2 audio, which can be AFV, Always On or Always Off	
Set HDMI 2 scene option	Set scene-based option of HDMI 2 audio, which can be Audio On or Audio Off	
Set HDMI 2 volume	Set the gain of HDMI 2 audio, ranging from -40dB to 10dB	
Set STREAM action scope	Apply STREAM audio settings to global or per scene	Select stream by name, including SRT, RTMP, NDI
Set STREAM global option	Set global option of STREAM audio, which can be AFV, Always On or Always Off	Select stream by name, including SRT, RTMP, NDI
Set STREAM scene option	Set scene-based option of STREAM audio, which can be Audio On or Audio Off	Select stream by name, including SRT, RTMP, NDI
Set STREAM volume	Set the gain of STREAM audio, ranging from -40dB to 10dB	Select stream by name, including SRT, RTMP, NDI
Set VIDEO action scope	Apply VIDEO CLIP audio settings to global or per scene	Select video clip by name
Set VIDEO option	Turn on/off VIDEO CLIP audio	Select video clip by name
Set VIDEO volume	Set the grain of VIDEO CLIP audio, ranging from -40dB to 10dB	Select video clip by name

Function Name	Description	Remark
Set audio input delay	Adjust the input delay of Microphone Jack, HDMI 1, HDMI 2 or USB device, ranging from 0ms to 400ms	
Output microphone sound to monitor device	Enable or disable outputting microphone sound to monitor device	
Output microphone sound to USB-C	Enable or disable outputting microphone sound to external device connected to the USB-C port	
Solo monitor	Only monitor one audio input	Select audio input by name
Scoreboard		
Reset Scoreboard	Reset scoreboard to initial settings	
Adjust team score	Adjust the score of home team or guest team with a value ranging from -100 to 100	
Go to the first period/inning	Go to the first period/inning	Inning is for baseball scoreboard
Go to the last period/inning	Go to the last period/inning	Inning is for baseball scoreboard
Go to the next period/inning	Go to the next period/inning	Inning is for baseball scoreboard
Go to the previous period/inning	Go to the previous period/inning	Inning is for baseball scoreboard
Play game time	Start counting game time	
Pause game time	Pause counting game time	
Play/Pause game time	Start/Pause counting game time	
Adjust game time	Adjust game time, ranging from -100s to 100s	

Function Name	Description	Remark
Adjust Out (Baseball)	Adjust outs, ranging from -2 to 2	For baseball scoreboard
Adjust Ball-Strike (Baseball)	Adjust ball number and strike number, ranging from -3 to 3	For baseball scoreboard
Set on base runners (Baseball)	Set on-base runner indicators for 1st Base, 2nd Base, 3rd Base	For baseball scoreboard
Clear pitch count	Clear balls and strikes to zero	For baseball scoreboard
Timer		
Reset timer	Restore the timer to the preset duration	
Start or resume timer	Start or resume counting	
Pause timer	Pause counting	
Start/Pause timer	Start/Pause counting	
Stopwatch		
Reset stopwatch	Restore the stopwatch to zero	
Start or resume stopwatch	Start or resume counting	
Pause stopwatch	Pause counting	
Start/Pause stopwatch	Start/Pause counting	
PTZ		
Select PTZ device	Select PTZ device	Specify the PTZ device by selecting device name
Call preset	Call preset by number	

Function Name	Description	Remark
Store preset	Store preset by number	
PTZ zoom in	Start to zoom in at a set speed, ranging from 1 to 10	
PTZ zoom out	Start to zoom out at a set speed, ranging from 1 to 10	
PTZ stop zooming	Stop zooming	
PTZ auto focus	Apply autofocus	
PTZ focus far	Focus far at a set speed, ranging from 1 to 10	For NDI PTZ, 1-10 indicates a position.
PTZ focus near	Focus near at a set speed, ranging from 1 to 10	For NDI PTZ, 1-10 indicates a position.
PTZ stop focus	Stop focus	
PTZ home	Move back to the center of the Pan/Tilt	NDI PTZ does not support this function.
PTZ move up	Move upwards	
PTZ move up left	Move upwards and leftwards	
PTZ move left	Move leftwards	
PTZ move down left	Move downwards and leftward	
PTZ move down	Move downwards	
PTZ move down right	Move downwards and rightwards	
PTZ move right	Move rightwards	
PTZ move up right	Move upwards and rightwards	

Function Name	Description	Remark
PTZ stop moving	Stop moving	NDI PTZ does not support this function.
PTZ start recording	Start recording	For OBSBOT Tail Air
PTZ stop recording	Stop recording	For OBSBOT Tail Air
PTZ start/stop recording	Start/stop recording	For OBSBOT Tail Air
Start AI human tracking	Start AI human tracking	For OBSBOT Webcam, Tail Air
Stop AI human tracking	Stop AI human tracking	For OBSBOT Webcam, Tail Air
Start/Stop AI human tracking	Start/Stop AI human tracking	For OBSBOT Webcam, Tail Air
Set AI human tracking mode	Set AI human tracking mode. Options include Normal, Upper Body, Close-up.	For OBSBOT Webcam, Tail Air
Set AI human tracking speed	Set AI human tracking speed. Options include Slow, Fast, Standard.	For OBSBOT Tail Air
Set AI human tracking type	Set AI human tracking type. Options include Standard and Motion.	For OBSBOT Webcam
Wake up Camera	Wake up the camera	For OBSBOT Webcam
Reset	Reset the webcam to its initial position	For OBSBOT Webcam, Tail Air
Replay		
Replay from start of buffer	Replay from start of buffer	
Replay from N seconds ago	Replay from N seconds ago, ranging from 3s to 60s	
Replay the last event	Replay the last event	

Function Name	Description	Remark
Replay event N	Replay event N	Specify the event by selecting the Event No.
Exit replay	Exit replay	
Pause replay	Pause replay	
Play or resume replay	Play or resume replay	
Play/Pause replay	Play/Pause replay	
Fast forward	Fast forward at a set step size, ranging from 2s to 8s	
Fast backward	Fast backward at a set step size, ranging from 2s to 8s	
Go to a specific position	Go to a specific position on the process bar, ranging from 0s to 60s.	
Rewind to start	Rewind to start	
Add replay event	Add a replay event	
Set the replay speed	Set the replay speed. Options include 0.1x, 0.25x, 0.33x, 0.5x, 0.75x and 1.0x.	
Unmute replay sound	Unmute replay sound	
Mute replay sound	Mute replay sound	
Mute/Unmute replay sound	Mute/Unmute replay sound	
Unmute mic sound	Unmute mic sound	
Mute mic sound	Mute mic sound	

Function Name	Description	Remark
Mute/Unmute mic sound	Mute/Unmute mic sound	
Switch replay camera	Switch replay camera. Options include Camera 1, Camera 2 and Side by Side.	
Others		
Reboot	Reboot the device	
Power off	Power off the device	
Freeze current scene	Freeze current scene	
Unfreeze current scene	Unfreeze current scene	
Freeze/Unfreeze current scene	Freeze/Unfreeze current scene	
Turn on FTB	Turn on FTB	
Turn off FTB	Turn off FTB	
Turn on/off FTB	Turn on/off FTB	
Set USB-C DP output	Set content displayed on the external screen connected to USB-C port	Options include Clean Program, Preview, Multi-view, Duplicate Screen, Loop HDMI 1, Loop HDMI 2

FAQ

Why can't I log in to my YouTube account?

When you try to log in to your YouTube account, your login may fail with a message indicating that your account is not enabled for live streaming. In this case, you need to go to YouTube to enable live streaming for your account.

1. Log in to YouTube on your computer.
2. At the upper right corner on the YouTube home page, click  > Go live.
3. If you haven't, follow the prompts to verify your account.
   You will be prompted to enter your country and phone number.

After your account is verified, it takes 24 hours to activate your account for live streaming.

Once live streaming is activated, you can then successfully log in to your YouTube account and stream to YouTube.

For other information such as what you can stream to YouTube, you can go to the YouTube official website.

It does not show live comments from Twitch?

The live comments from Twitch are got via SDK. Twitch's SDK does not support binding network card, that is, it does not support setting network priority.

When the device is connected with multiple networks, to use one preferred network for streaming to Twitch while view live comments at the same time, please ensure that all these networks can access the official website of Twitch.

It does not show live comments from Facebook?

To show live comments from Facebook, you need to share your content to Public audience. You can refer to Choose who can see your post on Facebook.

Which AP band should I choose for hotspot?

1. The advantage of 2.4GHz is that it has a wider coverage area and stronger capability to penetrate solid objects. The main advantage of 5.0GHz is that the transmission rate is faster, which is 2~3 times that of the traditional 2.4GHz. And its anti-interference ability is stronger, which can avoid the interference of various electromagnetic waves in the daily environment.
2. Since most wireless devices currently use the 2.4GHz frequency band, they are often interfered in the daily environment. The signal will not be as good as

5.0GHz, and the network speed will also be affected. At present, most devices already support 5.0GHz. It is recommended to turn on 5.0GHz, so that it is not easy to be interfered, but at the same time, the power consumption of the device will be accelerated.

3. However, if your devices are separated by a distance, it is recommended to choose 2.4GHz, so that you can receive a better signal even across obstacles.

Note: When the Wi-Fi connected to the OBSBOT Talent device is 5.0GHz, the AP band can only be selected as 2.4GHz; when the Wi-Fi is 2.4GHz, the AP band can only be selected as 5.0GHz.

Support

Get the Latest Information

You can get the latest information on product introduction, user manuals, etc. on the OBSBOT Talent introduction page on the OBSBOT website. For after-sales service, please contact service@obsbot.com.

Glossary and Abbreviations

AES

Advanced Encryption Standard (AES) is a specification for the encryption of electronic data.

FTB

Fade to black. FTB allows your show to slowly disappear into a black, usually indicating the end of a scene or show.

GFX

Graphic overlays. Graphics overlay are text and graphics that are displayed in a stream over the actual content (such as game or video) during a live stream.

RTMP

RTMP stands for "Real-Time Messaging Protocol". It is an efficient way to transmit large chunks of audio, video, and data from a server to the Internet via an encoder. Most live video streaming relies on RTMP to deliver smooth, real-time playback.

SRT

SRT stands for "Secure Reliable Transport". It is an open source video transport protocol that utilizes the UDP transport protocol. It supports packet recovery while maintaining low latency. SRT also supports encryption using AES.