

OBS Studio RTMP Settings for Foveo

Recommended setup and live streaming settings for Foveo

Purpose: This guide explains how to connect OBS Studio to Foveo by RTMP, configure the recommended video and audio settings, and verify a stable Foveo input before a service.

1. Recommended settings

Setting	Recommended value	Notes
Protocol	RTMP	Use the Foveo server URL and unique IP Camera stream key.
Service	Custom	Select Custom in OBS Settings > Stream.
Server	rtmp://v2api.foveo.app:1935/ip-camera	Enter exactly as shown.
Video codec	H.264 (High)	Use NVENC/AMD if available; otherwise x264.
Stream Output	1280 × 720 at 30 fps	Set Output (Scaled) Resolution; disable Rescale Output.
Frame rate	30	Use Common FPS Value: 30.
Rate control	CBR	Use constant bitrate.
Video bitrate	3000 Kbps (CBR)	For 720p; within Foveo's 2.5–3.5 Mbps range.
Keyframe interval	2 seconds	Enter 2 (60 frames at 30 fps).
Audio codec	AAC	OBS streaming output.
Audio bitrate	128 kbits/sec	Set the streaming audio track.
Audio sample rate	48.000 kHz	Set in Settings > Audio.
Audio channels	2 (Stereo)	Set Channels to Stereo.
Scanning	Progressive	Normally automatic in OBS.

Guide values: 1280 × 720 at 30 fps; CBR; 3000 Kbps; 2-second keyframe interval; High profile.

2. Before you begin

- A Windows, macOS, or Linux computer. OBS is not available for iPhone, iPad, or Android.
- OBS Studio installed and a camera or other video source already visible in the OBS preview.
- Your Foveo.app sign-in and permission to access Streams > IP Cameras.
- Google Chrome for checking the incoming Foveo camera preview.
- A stable internet connection with at least 4 Mbps upstream bandwidth for a 3 Mbps stream.

3. Install OBS Studio

Download and install [OBS Studio](#) on the computer connected to the camera. Add the required camera and audio sources, then confirm that both appear correctly in the OBS preview and Audio Mixer.

4. Get the Foveo RTMP URL and Stream Key

1. In Google Chrome, sign in to Foveo.app.
2. From the left menu, open Streams > IP Cameras.
3. If a suitable IP Camera connection is not listed, select + Create.
4. Give the connection a clear name, such as OBS - Main Chapel or OBS - Videographer, and select Save.
5. Select the camera name to reveal its RTMP URL and unique RTMP Key.

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☐	Name	Connected	Last Connected At	Creation Date	
☐	Chapel Camera	×		6/24/2025	EDIT DELETE

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☰ Edit IpCamera Camera1



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Name *

Camera1

RTMP URL

rtmp://v2api.foveo.app:1935/ip-camera

RTMP Key

bc75743ca1

SAVE

DELETE

Keep the key private: Use the key displayed in your own Foveo account. Do not reuse an example key shown in a screenshot or another funeral home's connection.

5. Connect OBS to Foveo

1. Open OBS Studio and select Settings.
2. Select Stream.
3. In the Service menu, choose Custom.
4. In Server, enter `rtmp://v2api.foveo.app:1935/ip-camera`
5. In Stream Key, paste the unique RTMP Key displayed for the selected IP Camera in Foveo.
6. Leave authentication disabled unless Foveo Support directs otherwise.
7. Select Apply, then OK.

OBS Stream fields

- Service — Custom
- Server — `rtmp://v2api.foveo.app:1935/ip-camera`
- Stream Key — Your unique key from Foveo.app
- Authentication — Disabled

Single-field encoders: If an encoder provides only one RTMP field, combine the server and key with a slash: `rtmp://v2api.foveo.app:1935/ip-camera/YOUR-KEY`

6. Configure OBS video and audio

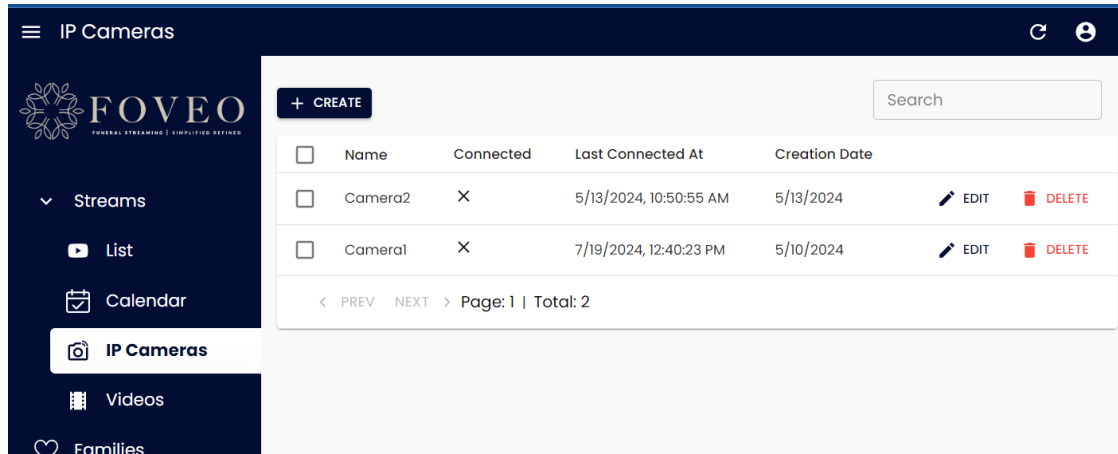
1. Open Settings > Video. Set Output (Scaled) Resolution to 1280 × 720 and Common FPS Value to 30. In Settings > Output > Streaming, leave Rescale Output disabled.
2. Open Settings > Output. If needed, change Output Mode to Advanced so the encoder controls are visible.
3. For Streaming, select NVENC or AMD if available; otherwise select x264. Set Profile to High, Rate Control to CBR, Bitrate to 3000 Kbps, Keyframe Interval to 2 seconds, and Preset to Quality (NVENC) or veryfast (x264).
4. Under the Audio output settings, set the streaming audio track to 128 Kbps.
5. Open Settings > Audio. Set Sample Rate to 48 kHz and Channels to Stereo.
6. Select Apply, then OK.

Encoder note: Hardware encoding (NVENC/AMD) is preferred when available; otherwise use x264 with the veryfast preset.

7. Test the connection to Foveo

1. In OBS, select Start Streaming.
2. In Foveo.app, return to Streams > IP Cameras and refresh the page.
3. Confirm that the camera shows a check mark under Connected and a recent time under Last Connected At.
4. Select the camera name and confirm that the live video preview appears in Google Chrome.

5. Listen for audio and allow for the normal 15-20 second delay between the source and the guest broadcast.
6. When the test is complete, select Stop Streaming in OBS.



8. Check audio/video synchronization

1. Watch a person speak and check whether lip movement and sound align.
2. If they are already synchronized, leave the OBS audio Sync Offset at 0 ms.
3. If audio is heard before the matching video, open Advanced Audio Properties and add a Sync Offset.
4. Foveo lists 110 ms as a possible starting value, but the correct offset depends on the camera, capture device, and computer.
5. Retest after each small adjustment.

9. Pre-service test

1. Start OBS and the encoder connection at least 20 minutes before the scheduled broadcast.
2. Confirm the intended camera framing and that the OBS program feed is correct.
3. Confirm audio meters are moving and speech is clear.
4. Confirm the Foveo IP Camera shows Connected and a current connection time.
5. Open the Foveo camera preview and confirm picture, audio, frame rate, resolution, and stability.
6. Allow for the expected 15-20 second delay.
7. Begin the scheduled Foveo broadcast only after the test is stable.

10. What to do if there is a problem

- Foveo does not show Connected: Confirm OBS is actively streaming. Recheck Service = Custom and compare the server and stream key character by character with Foveo.app.
- Connected, but no usable preview: Wait for the normal delay, refresh the IP Cameras page, and reopen the camera record. Confirm the OBS preview contains the intended program feed.
- No audio: Confirm the correct OBS Audio Mixer source is not muted. Recheck AAC, 128 Kbps, 48 kHz, and Stereo.
- Audio and video are out of sync: Adjust the OBS audio Sync Offset in small increments. Use 110 ms only as a starting point when correction is needed.
- The stream is unstable: Check upload bandwidth, reduce competing network use, and use wired Ethernet when possible. Contact Foveo Support before changing the baseline encoder values.

11. Important notes

- There is normally a 15-20 second delay between OBS and the live broadcast viewed by guests.
- The RTMP Key is unique to the selected Foveo IP Camera connection and should be kept private.
- OBS is a desktop application; it is not available for mobile devices.
- If a setting is not exposed by the selected OBS encoder, leave the encoder default in place unless Foveo Support advises otherwise.

Need help: Contact Foveo Support at support@foveo.org. Include the funeral-home name, IP Camera name, OBS version, and screenshots of Settings > Stream and Settings > Output.

Sources

- [Encoder Settings for Streaming \(via RTMP\)](#)
- [Connecting a Chapel Cam \(RTMP\)](#)
- [OBS Studio](#)