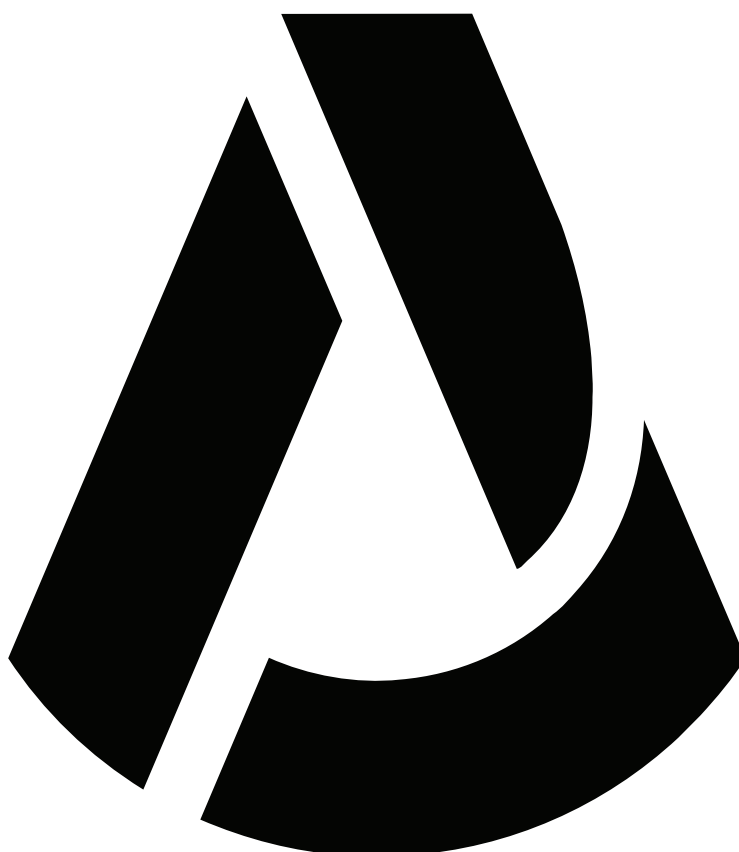




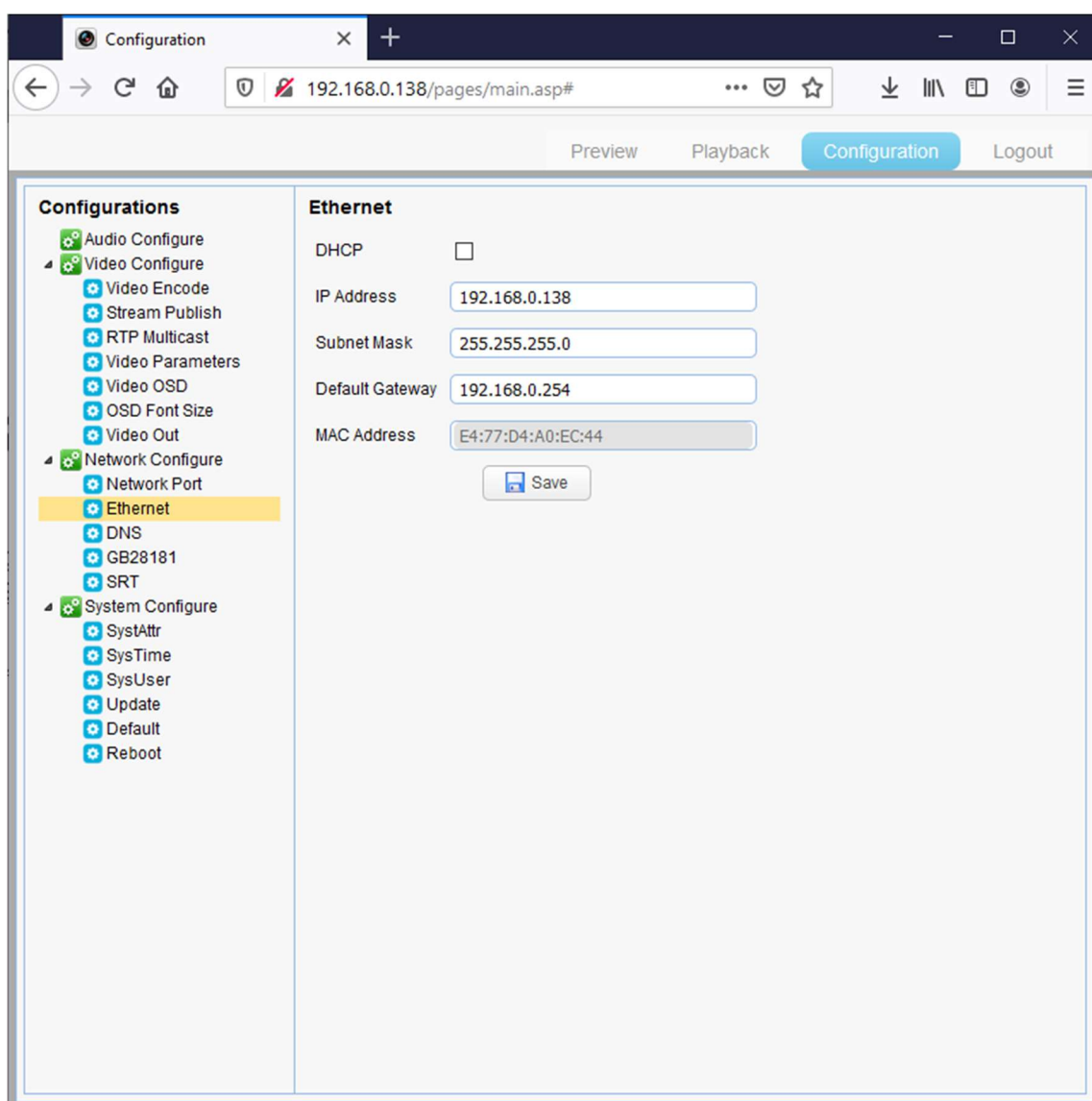
Streaming to YouTube

Please read the following steps to stream to YouTube.

Step 1:

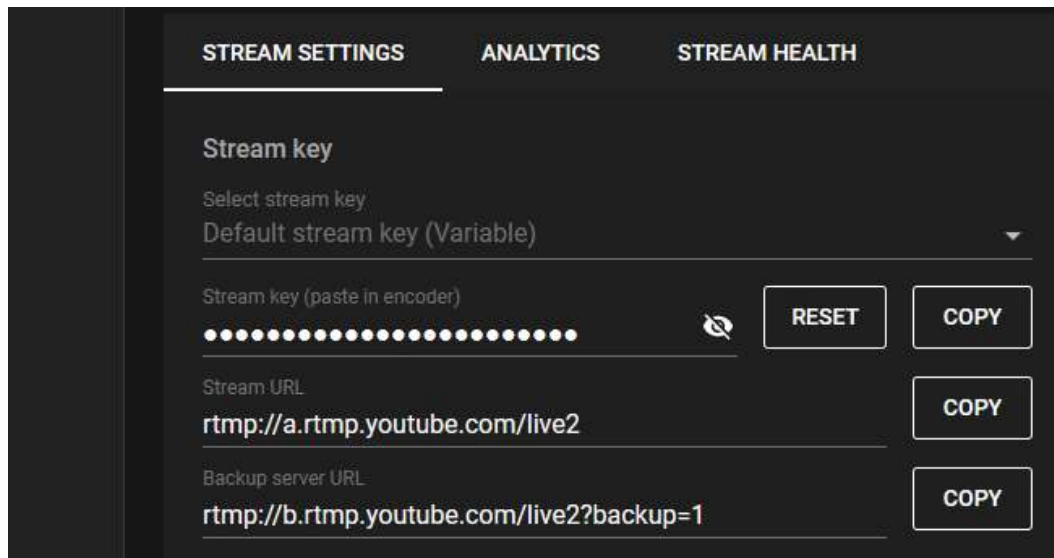
Connect the camera to your network and make sure the network settings are correct according to your network. Choose DHCP, or set your own IP address and DNS

Camera default IP is 192.168.5.163 and the Subnet of 255.255.255.0.



Step 2:

Create your event on YouTube and get the following information.



YouTube will give you two parameters, "stream key" and "stream URL"

Step 3:

Fill these two parameters into the "Host Address" and "Stream Name" of the camera. Then click enable and save.

1. Please update the camera with the latest firmware (www.alfatronelectronics.com)
2. Copy the Stream url into the Host Address Field
3. Change the port number to 1935
4. Insert the Stream Key into the Stream Name Field
5. Click Enable and Save

NOTE: Please use the following format when inserting the Stream url into the HOST Address on the camera. Please Remove rtmp:// and /live2. As per below Image

NOTE: Please use the following format when inserting the Stream key into the Stream Name on the camera. live2/"Stream Key". As per Below image

YouTube and Facebook Streaming Guide

The screenshot shows a web browser window with the address bar displaying `192.168.0.138/pages/main.asp#`. The page has a navigation bar with tabs for `Preview`, `Playback`, `Configuration` (active), and `Logout`. On the left, a sidebar titled **Configurations** lists various settings categories: `Local Configure`, `Audio Configure`, `Video Configure` (expanded), `Network Configure`, and `System Configure`. Under `Video Configure`, `Stream Publish` is selected. The main content area is titled **Stream Publish** and contains two columns: `Main Stream` and `Sub Stream`. The `Main Stream` column has the following settings: `Enable` (checked), `Protocol Type` (RTMP), `Host Address` (a.rtmp.youtube.com), `Host Port` (1935), `Stream Name` (live2/jusj...5ur-7d5j), `Username` (empty), `Password` (empty), `Password for stream encryption` (empty), and `Crypto key length in bytes` (0). The `Sub Stream` column has the following settings: `Enable` (unchecked), `Protocol Type` (0), `Host Address` (192.168.5.11), `Host Port` (1935), `Stream Name` (live/av1), `Username` (empty), `Password` (empty), `Password for stream encryption` (empty), and `Crypto key length in bytes` (0). A `Save` button is located at the bottom of the `Main Stream` column.

Step 4:

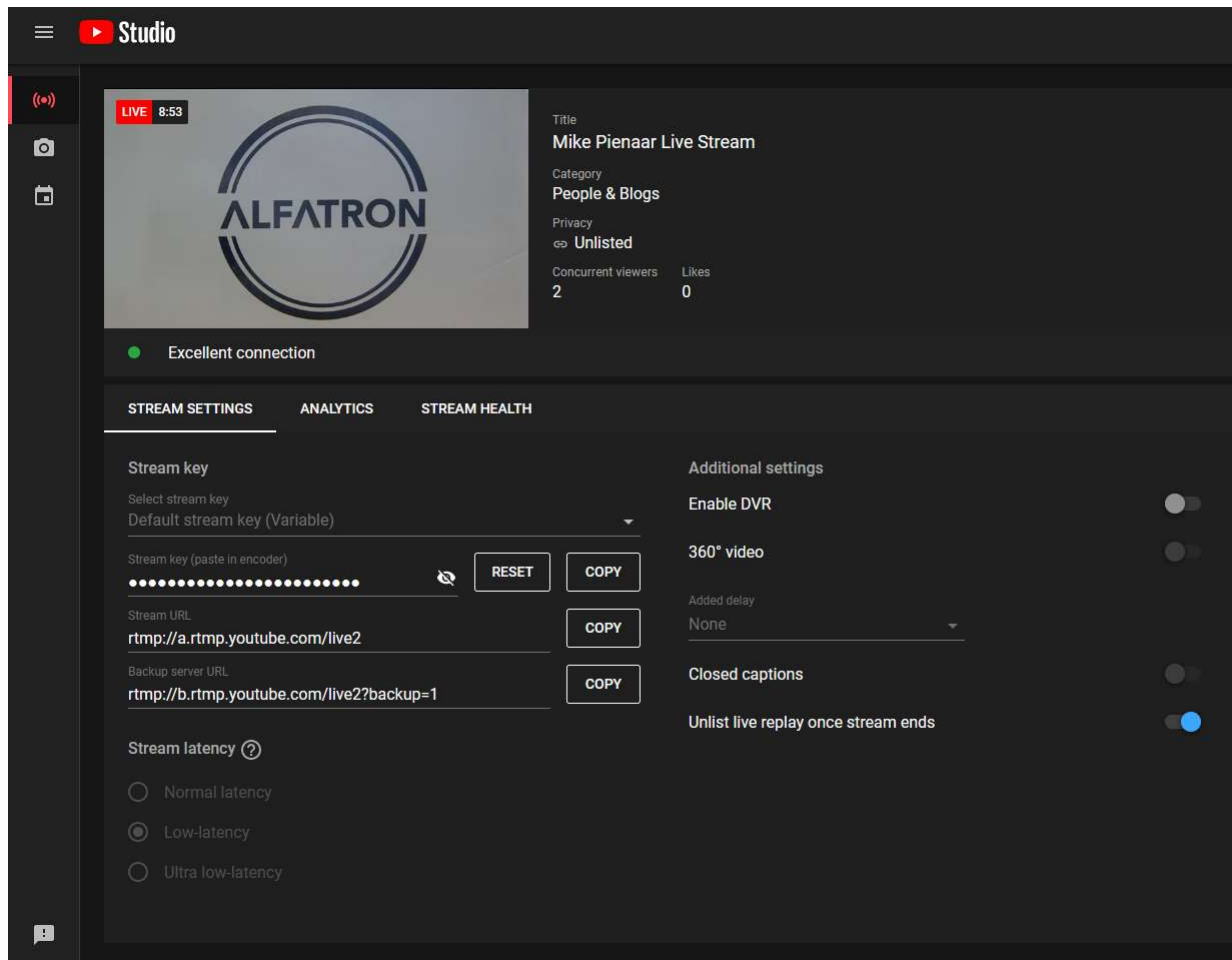
If the camera has an audio input, please enable on the settings on the camera.

The screenshot shows the `Audio Configure` settings page. The sidebar on the left is the same as in the previous screenshot, but `Audio Configure` is now selected. The main content area is titled **Audio Configure** and contains the following settings: `Enable` (checked), `Encode Type` (AAC), `Sample Rate` (48000), `Sample Bits` (16), `Bit Rate` (64Kbps), `Channel` (Stereo), and `Input Volume` (a slider set to 5). A `Save` button is located at the bottom of the settings.

Follow the camera prompts to reboot the camera for the settings to take effect.

Step 5:

Once it has been set up as per above, the stream will be live on YouTube.



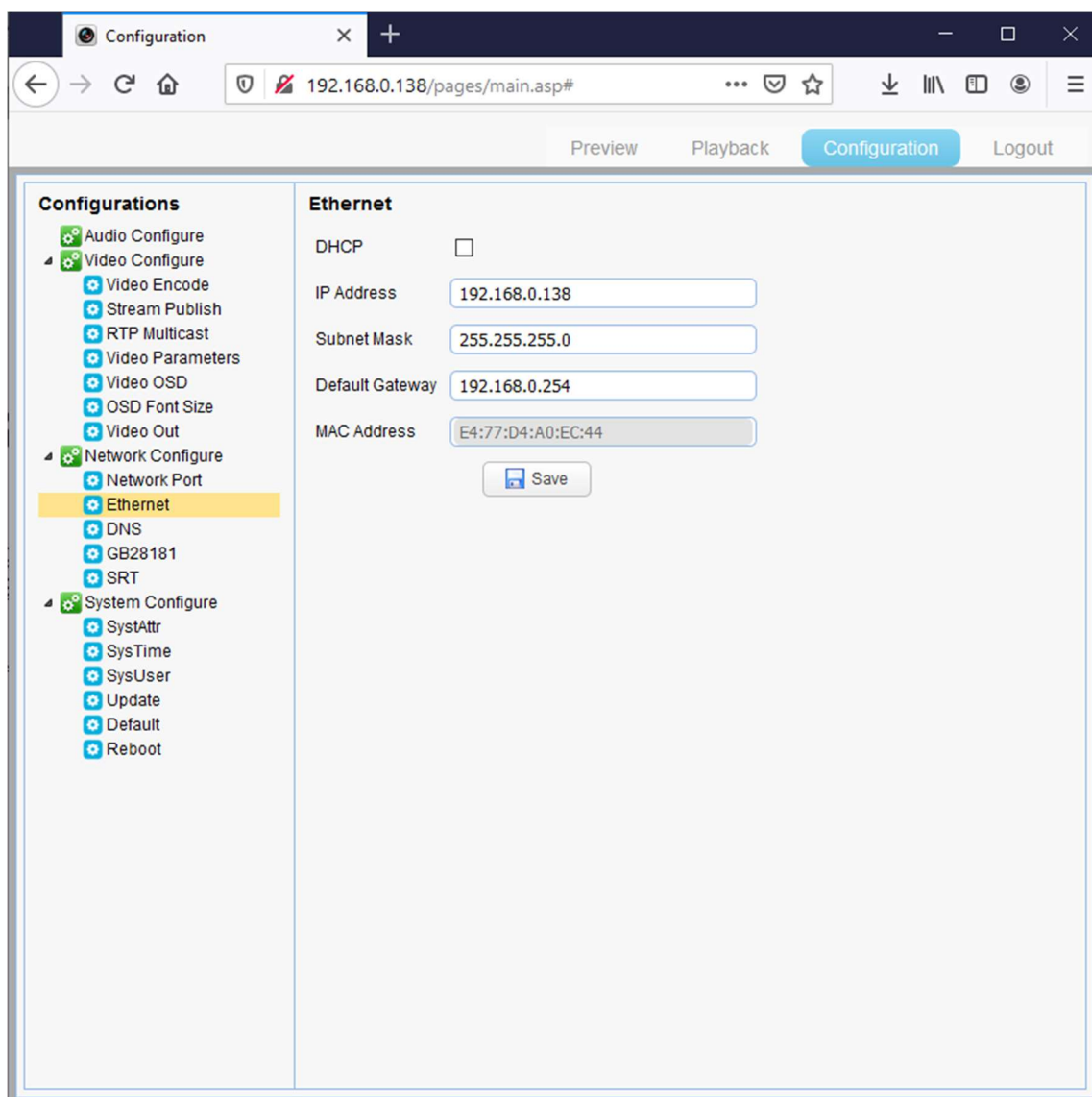
Streaming to Facebook

Please read the following steps to stream to Facebook.

Step 1:

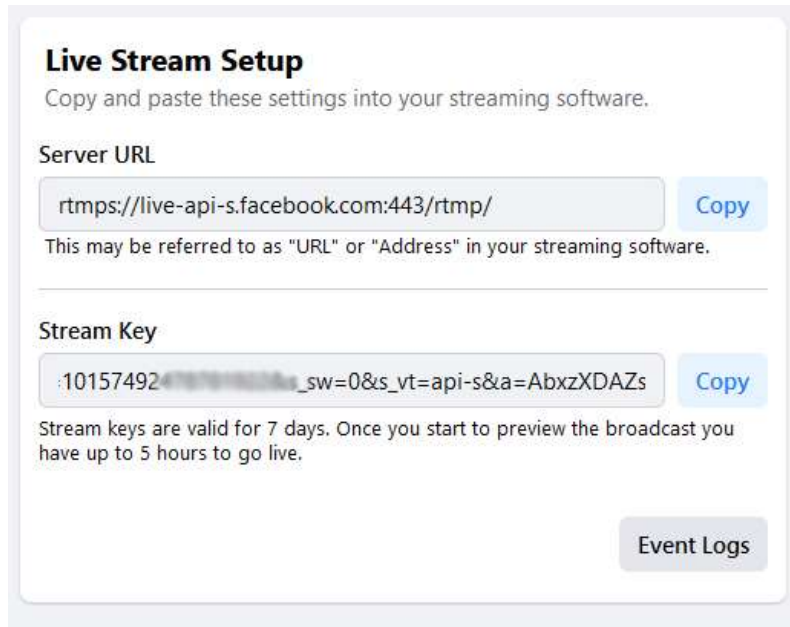
Connect the camera to your network and make sure the network settings are correct according to your network. Choose DHCP, or set your own IP address and DNS.

Camera default IP is 192.168.5.163 and the Subnet of 255.255.255.0.



Step 2:

Start a live video stream on Facebook and get the following information from Facebook.



The image shows the Facebook Live Stream Setup interface. It has a title 'Live Stream Setup' and a subtitle 'Copy and paste these settings into your streaming software.' Below this, there are two main sections: 'Server URL' and 'Stream Key'. The 'Server URL' section shows a text box with the URL 'rtmps://live-api-s.facebook.com:443/rtmp/' and a 'Copy' button. Below the text box is a note: 'This may be referred to as "URL" or "Address" in your streaming software.' The 'Stream Key' section shows a text box with a long alphanumeric key and a 'Copy' button. Below the text box is a note: 'Stream keys are valid for 7 days. Once you start to preview the broadcast you have up to 5 hours to go live.' At the bottom right of the form is a button labeled 'Event Logs'.

Live Stream Setup
Copy and paste these settings into your streaming software.

Server URL
rtmps://live-api-s.facebook.com:443/rtmp/ [Copy](#)
This may be referred to as "URL" or "Address" in your streaming software.

Stream Key
101574924..._sw=0&s_vt=api-s&a=AbxzXDAZs [Copy](#)
Stream keys are valid for 7 days. Once you start to preview the broadcast you have up to 5 hours to go live.

[Event Logs](#)

Facebook will give you two parameters, "stream key" and "server URL"

Step 3:

Fill these two parameters into the "Host Address" and "Stream Name" of the camera. Then click enable and save.

1. Please also ensure that the camera has the latest firmware loaded.
Please check www.alfatronelectronics.com for the latest firmware.
2. Copy the complete Server url into the Host Address Field
3. Change the port number to match the server url ie: 443
4. Insert the Stream Key into the Stream Name Field
5. Click Enable and Save

YouTube and Facebook Streaming Guide

Configuration

192.168.0.138/pages/main.asp#

Configurations

- Audio Configure
- Video Configure
 - Video Encode
 - Stream Publish**
 - RTP Multicast
 - Video Parameters
 - Video OSD
 - OSD Font Size
 - Video Out
- Network Configure
 - Network Port
 - Ethernet
 - DNS
 - GB28181
 - SRT
- System Configure
 - SystAttr
 - SysTime
 - SysUser
 - Update
 - Default
 - Reboot

Stream Publish

Stream	Main Stream	Sub Stream
Enable	☒	☐
Protocol Type	RTMP	0
Host Address	https://live-api-s.facebook.com:443/rtmp/	192.168.5.11
Host Port	443	1935
Stream Name	1015749047867862?s_bl=1&s_osm=1&s_sc=1015749047867862&s_sw=0&s_vl=apl&a=AbxzXDAZs0xrqFVk	live/av1
Username		
Password		
Password for stream encryption		
Crypto key length in bytes	0	0

Save

Step 4:

If the camera has an audio input, please enable audio on the 'Audio Configuration' settings on the camera.

Configurations

- Audio Configure**
- Video Configure
 - Video Encode
 - Stream Publish
 - RTP Multicast
 - Video Parameters
 - Video OSD
 - OSD Font Size
 - Video Out
- Network Configure
 - Network Port
 - Ethernet
 - DNS
 - GB28181
- System Configure
 - SystAttr
 - SysTime
 - SysUser
 - Update
 - Default
 - Reboot

Audio Configure

Enable ☒

Encode Type AAC

Sample Rate 48000

Sample Bits 16

Bit Rate 64Kbps

Channel Stereo

Input Volume 5

Save

Step 5:

Once it has been set up as per above, the stream will be live on YouTube.