

www.alfatronelectronics.com

ALFATRON ELECTRONICS GmbH GERMANY

YouTube and Facebook Live Streaming Guide

Streaming to YouTube

Please read the following steps to stream to YouTube.

<u>Step 1:</u>

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.*

 	Configuration	× +	- o ×
Preview Playback Configuration Logout Configurations Studio Configure Video Configure Video Encode Stream Publish RTP Multicast Video Parameters Video OxD Video OxD OSD Font Size Video Out Stream to Size Video Out Network Configure Network Configure Network Configure Steam to Size System Stream to Size System Configure System System System System System System System	\leftarrow \rightarrow C $\textcircled{0}$	192.168.0.138/pages/main.asp#	… ♡☆ ⊻ II\ ⊡ ◎ ≡
Configurations Ethernet Audio Configure DHCP Video Encode IP Address Stream Publish Stream Publish RTP Multicast Subnet Mask Video OSD Default Gateway Video Out Default Gateway Video Out MAC Address Network Configure MAC Address Network Port Save Stream Configure Systatr Systatr Systatr		Preview	Playback Configuration Logout
SysUser Update Default Reboot	Configurations Audio Configure Video Configure Video Configure Stream Publish RTP Multicast Video OSD OSD Font Size Video OUt Network Configure Network Port Ethernet DNS GB28181 SRT System Configure SystAtr SysUser Update Default Reboot	Ethernet DHCP IP Address 192.168.0.138 Subnet Mask 255.255.255.0 Default Gateway 192.168.0.254 MAC Address E4:77:D4:A0:EC:44 Save	

<u>Step 2:</u>

Create your event on YouTube and get the following information.

STREAM SETTINGS	ANALYTICS	STREAM	I HEALTH	
Stream key				
Select stream key				
Default stream key (\	Variable)			
Stream key (paste in encod	er) • • • • • • • • • •	ø	RESET	СОРУ
Stream URL rtmp://a.rtmp.youtub	pe.com/live2			СОРУ
Backup server URL rtmp://b.rtmp.youtub	e com/live2?bac	kup=1		COPY

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

<u>Step 3:</u>

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

- Please update the camera with the latest firmware (<u>www.alfatronelectronics.com</u>)
- 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

		Preview Playbac	ck Configuration	Logout
onfigurations	Stream Publish			
🚭 Local Configure 🔂 Audio Configure	Stream	Main Stream	Sub Stream	i
Video Configure Video Encode	Enable			
Stream Publish	Protocol Type	RTMP	0	
 Video Parameters Video OSD 	Host Address	a.rtmp.youtube.com	192.168.5.11	
OSD Font Size	Host Port	1935	1935	
Network Configure Network Port Ethernet DNS	Stream Name	live2/jusj 5ur-7d5j	live/av1	
 GB28181 SRT 	Username			
System Configure	Password			
 SysTime SysUser 	Password for			
 Update Default 	stream			
Co Reboot	Crypto key length			
	in bytes	0	0	
		Save		

<u>Step 4:</u>

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

Configurations	Audio Config	gure			
o ^o Audio Configure	Enable				
Video Encode Stream Publish	Encode Type	AAC	~		
RTP Multicast Video Parameters	Sample Rate	48000	~		
Video OSD OSD Font Size	Sample Bits	16	~		
Video Out	Bit Rate	64Kbps	~		
Network Port Ethornet	Channel	Stereo	~		
 DNS GB28181 GSystem Configure SystAtr SysTime SysUser Update Default Reboot 	Input Volume	Save		5	

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

<u>Step 5:</u>

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

Ξ	🕨 Studio		
() () () () () () () () () () () () () (UVE 8:53 ALFATRON CALFATRON Excellent connection	Title Mike Pienaar Live Stream Category People & Blogs Privacy co Unlisted Concurrent viewers Likes 2 0	
	STREAM SETTINGS ANALYTICS STREAM HEALTH Stream key Default stream key (Variable) Steam key (paste in encoder) Imp://a.rtmp.youtube.com/live2 Stream URL rtmp://b.rtmp.youtube.com/live2?backup=1 Stream latency ? Low-latency Uttra low-latency	TH Additional settings Enable DVR 360° video Added delay None COPY Closed captions Unlist live replay once stream ends	•=

Streaming to Facebook

Please read the following steps to stream to Facebook.

<u>Step 1:</u>

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.*

(←) → C	Configuration	× +		- 🗆 X
Preview Playback Configuration Logout Configurations Ethernet DHCP IP Address 192.168.0.138	← → ♂ ☆	192.168.0.138/pages/main.asp#	⊘ ☆ ⊻	\ 🗉 🔹 Ξ
Configurations Ethernet Audio Configure DHCP Video Encode IP Address Stream Publish IP Address		Preview	Playback Configurati	on Logout
 RTP Multicast Video OSD OSD Font Size Video Out Oktwork Configure Network Port Ethernet DNS GB23181 SRT Systime SystAtr SysUser Update Defauit Reboot 	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 SystSime SysUser Update Default Reboot	Ethernet DHCP IP Address 192.168.0.138 Subnet Mask 255.255.255.0 Default Gateway 192.168.0.254 MAC Address E4:77:D4:A0:EC:44	Playback Configurati	on Logout

<u>Step 2:</u>

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

Copy and paste the	ese settings into your streaming software.	
Server URL		
rtmps://live-api-s	.facebook.com:443/rtmp/	Сору
This may be referred	to as "URL" or "Address" in your streaming soft	vare.
10157492	_sw=0&s_vt=api-s&a=AbxzXDAZs	Сору
Stream Key 10157492	_sw=0&s_vt=api-s&a=AbxzXDAZs	Сору
Stream keys are valid	for 7 days. Once you start to preview the broadd go live.	ast you
nute up to 5 nours to		

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

<u>Step 3:</u>

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 <u>www.alfatronelectronics.com</u> 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



onfigurations	Stream Publish		
Audio Configure	Stream	Main Stream	Sub Stream
 Video Encode Stream Publish 	Enable		
RTP Multicast Video Parameters	Protocol Type	(RTMP	0
Video OSD OSD Font Size	Host Address	mps://live-api-s.facebook.com:443/rtmp/	192.168.5.11
Video Out	Host Port	443	1935
 Network Port Ethernet DNS GB28181 	Stream Name	1015749. s_bl=1& s_psm=1&s_sc=1015 s_sw=0&s_vt=api: s&a=AbxzXDAZs0xrqFVk	live/av1
SRT	Username		
SystAur SysTime	Password		
O SysUser	Password for stream encryption		
Default	Crypto key length in bytes	0	0

<u>Step 4:</u>

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

configurations	Audio Config	gure	
Audio Configure	Enable	\checkmark	
Video Configure			
Video Encode	Encode Type	AAC	~
RTP Multicast	Sample Rate	48000	~
🖸 Video Parameters			
Video OSD	Sample Bits	16	~
OSD Font Size	Dit Data	Gali/hee	
Video Out	Bit Rate	04KDps	<u> </u>
Network Port	Channel	Stereo	~
C Ethernet	Sec. Sec.	-	
0 DNS	Input Volume		
🖸 GB28181			
4 🛐 System Configure		Save	
SystAttr			
🙆 SysTime			
😟 SysUser			
O Update			
 Update Default Dehast 			

<u>Step 5:</u>

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

