# How to use RTMP for Live broadcast

\*Only available on RTMP enabled cameras. Check product specifications on your camera for RTMP support.

## 1, Precondition

IPC and computer can be communication, and computer can login to the IPC web interface

#### 2 Step by Step Instructions

(1) Log in to the web interface of IPC/PTZ and set all streams encode mode to H.264.

Camera	Video Snapshot Overlay	ROI Path	
> Conditions			
> Video	Main Stream	Sub Stream	
> Audio		✓ Enable Sub Stream1	~
Network	Encode Mode H.264	Encode Mode H.264	$\checkmark$
▶ Event	Smart Codec Off 🗸	D 2	$\checkmark$
Storage	Resolution 1920*1080(1080P) V	DON T IOTGET SUD Frame Rate(FPS) 25	~
▶ System	Frame Rate(FPS) 25	Stream 2 also need trate Type CBR	~
▶ Information	Bit Rate Type CBR V	Feference Bit Rate 256-2304Kb/S	
	Reference Bit Rate 1792-8192Kb/S	to set to H. 264 El Rate 512	V (Kb/S)
	Bit Rate 4096 V (Kb/S)	Frame Interval 50	(25~150)
	I Frame Interval 50 (25~150	0) SVC [1(off)	~
	SVC 1(off) V		
	Watermark Settings		
	Watermark Character DigitalCCTV		
	Default Refresh	Save	

#### (2) Set all stream audio encode mode to AAC.

Camera	Audio					
> Conditions						
> Video	Encode					
> Audio	Main Stream					
Network	Enable					
▶ Event	Encode Mode AAC V					
Storage	Sampling Frequency 8000					
System	Sub Stream					
Information	Enable     Sub Stream1					
	Sampling Frequency 8000					
	Attribute					
	AudioIn Type LineIn 🗸					
	Noise Filter Disable V					
	Microphone Volume					
	Speaker Volume					
Default Refresh Save						

(3) Confirm that computer can be networked, such as the P2P status is online.

▶ Camera	P2P	ONVIF	RTMP	
<ul><li>Network</li><li>&gt; TCP/IP</li></ul>	Enable			
> Port > PPPoE	Status S/N	Online 4M07353YAG	67F0B	
> DDNS > SMTP(Email) > UPnP	QR Code			
> SNMP > Bonjour > Multicast		Default	Refresh	Save
> 802.1x > QoS				
> Access Platform				

(4) At this step, we need to open the YouTube website to get the Server URL and Stream key. Step by step as follows:





(5) Then, go back to the IPC web interface and Fill in the information into the RTMP interface

<b>alhua</b>				
Camera	P2P	ONVIF	RTMP	
▼ Network		-		
> TCP/IP	Enable			
> Port	Stream Type	Main Stream	O Sub Stream 1	O Sub Stream 2
> PPPoE	Address Type	$\bigcirc$ Non-custom $2$	<ul> <li>Custom</li> </ul>	
> DDNS	IP Address	0.0.00		
> SMTP(Email)	Port	1935	(0~65535)	
> UPnP	Custom Address	3 rtn	com/	
> SNMP		Default	Defeat	0.000
> Bonjour		Delault	Reliesh 4	Save
> Multicast				
> 802.1x				
> QoS				
> Access Platform				

## Note:

The custom address format:< Server URL >/< Stream key >, it need "/"to connect between < Server URL > and < Stream key >.

For example: rtmp://a.rtmp.youtube.com/live2<mark>/</mark>4g7y-re65-y6M4-dzt8

(6) wait a moment, you can see the live stream on YouTube.



## Please note that:

- 1, the all streams encode mode must be H.264
- 2, the all stream audio encode mode must be AAC
- 3, the IPC must support Audio function