## How to live RTMP streaming on YouTube using Hikvision' camera

## YouTube configration



- 2. Waiting one day for approving
- 3. Then go to Creator Studio page

| J Live Dashboard - YouTube                            | × 🕑 Live View ×                   | +  |  |
|---|-----------------------------------|--|--|
| $\leftrightarrow$ $\rightarrow$ X $\cong$ https://www | .youtube.com/live_dashboard?o=U   |  | Q 🛓  |
| = 🕨 YouTube <sup>GB</sup>                             | Search                            | Q  |  |
| CREATOR STUDIO  | OFFLINE @                         | Welcome back<br>Still have questions about stree | , Paul Peterl<br>aming? Check out this FAQ.  |
| DASHBOARD   |                                   |  | LIVE STREAMING CHECKLIST   |
| VIDEO MANAGER 🗸                                       |                                   |  | Set up encoding software   |
| (•) LIVE STREAMING                                    |                                   |  | 1. Add stream info   |
| Stream now  |                                   |  | Optional features  |
| Live Control Room NEW                                 |                                   |  | ((•)) Go live  |
| 🗶 COMMUNITY 🗸 🗸                                       |                                   |  | Don't show these tips again  |
| e channel 🗸   |                                   |  | Top chat 👻   |
| III ANALYTICS 🗸                                       |                                   |  | Welcome to live chat! Remember to guard yo<br>privacy and abide by our community guideling |
| TRANSLATIONS &  | Create highlight Change thumbnail | 1  | LEARN MORE   |
| CREATE V  | BASIC INFO STREAM OPTIONS         | CARDS  |  |

4. Click stream now page, then you have the rtmp server address and key.

| Live Dashboard - YouTube                         | × Onfiguration × +   |   |
|--|--|---|
| $\leftrightarrow$ $\rightarrow$ C $$ https://www | w.youtube.com/live_dashboard?o=U   |   |
| YOUR CONTRIBUTIONS                               | OFFLINE @  | Welcome back, Paul<br>ill have questions about streaming? |
| Help and feedback                                |  | h   |
|  | Schedule next stream   |   |
|  | Category   |   |
|  | Entertainment 👻  |   |
|  | Privacy  |   |
|  | Public -   |   |
|  |  | Advanced settings   |
|  | ENCODER SETUP  |   |
|  | Server URL   |   |
|  | rtmp://a.rtmp.youtube.com/live2  |   |
|  | Stream name/key  |   |
|  | yk4x-07m7-51md-8xxb Hide (10) Reset                                      |   |
|  | Anyone with this key can live stream on your YouTube channel. Keep it se | ecret.  |

## Camera side

- 1. Make sure the camera support audio, otherwise the stream can't send to YouTube.
- 2. Upgrade Hikvision G1 Platform camera to a customer version

| Live Dashboard - YouTube × O Configuration × +      |                 |                           |  |  |  |  |  |  |
|---|-----------------|---------------------------|--|--|--|--|--|--|
| ← → C ▲ 不安全   10.199.13.58:8090/doc/page/config.asp |                 |                           |  |  |  |  |  |  |
| HI  | VISION          | Live View Configura       | ation                                  |  |  |  |  |  |
|   | System          | Basic Information Time    | Settings DST RS-232 About              |  |  |  |  |  |
|   | System Settings | Device Name               | PAXTON10-[C15810327]                   |  |  |  |  |  |
|   | Maintenance     | Device No.                | 88                                     |  |  |  |  |  |
|   | Security        | Model                     | DS-2CD2785FWD-IZS                      |  |  |  |  |  |
|   | User Management | Serial No.                | DS-2CD2785FWD-IZS20180419AAWRC15810327 |  |  |  |  |  |
| Ð   | Network         | Firmware Version          | V5.5.61 build 180926                   |  |  |  |  |  |
| <u>Q.</u>   | Video/Audio     | Encoding Version          | V7.3 build 180918                      |  |  |  |  |  |
| 1   | Image           | Web Version               | V4.0.1 build 180626                    |  |  |  |  |  |
| 圁   | Event           | Plugin Version            | V3.0.6.43                              |  |  |  |  |  |
| B   | Storage         | Number of Channels        | 1                                      |  |  |  |  |  |
| _   |                 | Number of HDDs            | 1                                      |  |  |  |  |  |
|   |                 | Number of Alarm Input     | 1                                      |  |  |  |  |  |
|   |                 | Number of Alarm Output    | 1                                      |  |  |  |  |  |
|   |                 | Firmware Version Property | C-R-G1-0                               |  |  |  |  |  |
|   |                 |                           |  |  |  |  |  |  |
|   |                 | 🖹 Save                    |  |  |  |  |  |  |

3. The video type should be configured as Video&Audio. The Video encoding type should be configured as H264

| Live Dashboard - YouTube | × Onfiguration            | × +                     |                    |
|--------------------------|---------------------------|-------------------------|--------------------|
| ← → C ▲ 不安全   10         | .199.13.58:8090/doc/page/ | config.asp              |                    |
| HIKVISION                | Live View Configura       | ation                   |                    |
| E System                 | Video Audio ROI           | Display Info. on Stream |                    |
| Network                  | Stream Type               | Main Stream(Normal)     |                    |
| 🗛 Video/Audio            | Video Type                | Video&Audio             |                    |
| Image                    | Resolution                | 3840*2160               |                    |
| Event                    | Bitrate Type              | Variable •              |                    |
| Storage                  | Video Quality             | Medium •                |                    |
|                          | Frame Rate                | 20 🗸                    | fps                |
|                          | Max. Bitrate              | 3072                    | Kbps               |
|                          | Video Encoding            | H.264 •                 |                    |
|                          | H.264+                    | OFF •                   | ]                  |
|                          | Profile                   | Main Profile •          |                    |
|                          | I Frame Interval          | 50                      |                    |
|                          | SVC                       | OFF •                   |                    |
|                          | Smoothing                 | 50                      | [ Clear<->Smooth ] |
|                          |                           |                         |                    |
|                          | 🖹 Save                    |                         |                    |
|                          |                           | _                       |                    |
|                          |                           |                         |                    |
|                          |                           |                         |                    |

4. The Audio parameter should be configure as following:

|   | 🕒 Li      | ve Dashboard - YouTube | × 🕑 Configuration          | × +                     |
|---|-----------|------------------------|----------------------------|-------------------------|
| * |           | C 🔺 不安全   10           | .199.13.58:8090/doc/page/  | /config.asp             |
|   | HIK       | VISION                 | Live View Configur         | ation                   |
|   |           | System                 | Video Audio ROI            | Display Info. on Stream |
|   | Ø         | Network                | Audio Encoding             | AAC •                   |
|   | <u>Q.</u> | Video/Audio            | Sampling Rate              | 44.1kHz •               |
| Ľ | 1         | Image                  | Audio Stream Bitrate       | 32kbps T                |
|   | Ë         | Event                  | Audio Input                | LineIn •                |
|   | ۵         | Storage                | Input Volume               | 57                      |
|   |           |                        | Environmental Noise Filter | OFF •                   |
|   |           |                        |                            | _                       |
|   |           |                        | 🖹 Save                     |                         |
|   |           |                        |                            |                         |

5. At last save the rtmp server address on the camera which you get from YouTube website rtmp://a.rtmp.YouTube.com/live2/yk4x-07m7-51md-8xxb

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|---|-------------------------|--------------|-------------|------------------|--------------|-----|--------|------|----------------------|-----------------|
| ← → C ▲ 不安全   10.199.13.58:8090/doc/page/config.asp |                         |              |             |                  |              |     |        |      |                      |                 |
| H   | <b>KVISION</b>          | Live View    | Configurati | on               |              |     |        |      |                      |                 |
|   | System                  | SNMP FTP     | Email F     | Platform Access  | HTTPS        | QoS | 802.1x | RTMP | Integration Protocol | Network Service |
| v<br>I  | Basic Settings          | Server Addre | ss r        | tmp://a.rtmp.you | tube.com/liv |     |        |      |                      |                 |
| <u>Q.</u>   | Video/Audio             | E            | Save        |                  |              |     |        |      |                      |                 |
|   | Image<br>Event          |              |             |                  |              |     |        |      |                      |                 |
|   | Storage                 |              |             |                  |              |     |        |      |                      |                 |
|   |                         |              |             |                  |              |     |        |      |                      |                 |
|   |                         |              |             |                  |              |     |        |      |                      |                 |

If the youtube still show offline, try to reboot the camera. Then you can get your camera's live stream on the YouTube channel. You can share with your friends the link too. Hope you can be an online influencer by Hikvision' camera, ^-^!

