



# deepalert

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## Hikvision - Setting up cameras & accessing camera sub streams

The following article describes how to connect the DeepAlert Hub to a Hikvision camera sub stream. It also outlines the steps for setting up the physical camera sub-streams and NTP.

The connection string for a typical Hikvision camera is as follows (connect to sub-stream):

**rtsp://admin:admin@192.168.1.189:554/streaming/channels/102**

Other Hikvision RTSP can also be found using the following link:

## Step-by-step guide

**Log in to the local DeepAlert Hub console either from:**

- The DeepAlert Wireless access point or
- From the DeepAlert operator console

E.g. - <http://<IP Address>>

**Select "Configure Cameras" and complete the following details:**

- Set the "IP Address" of the camera e.g. 192.168.1.111
- Set the "Human Name" e.g. Megacorp - Main Entrance
- Set the "Stream Route" e.g. /streaming/channels/102
- Set the "RSTP Port" e.g. 554
- Set the "RSTP Login" e.g. admin
- Set the "RSTP Password: Please ensure the password consists only of upper or lowercase numbers and numbers (avoid non-alphanumeric characters such as "@")

**Click "Add/Update Camera"**

Camera A

[Add New Camera](#)

Configured as DH1KIPPIE-a

**Camera Enabled**

*Configuration will be saved, but camera will only be active if this box is checked.*



**IP Address** e.g. 10.0.0.101

192.168.1.111

**Human Name**

Megacorp - Main Entrance

**Stream Route** e.g. /streaming/channels/102

/streaming/channels/102

**RTSP Port** e.g. 554

554

**RTSP Login**

admin

**RTSP Password**

\*\*\*\*\*

[Advanced Settings](#)

**Remove Camera Configuration**

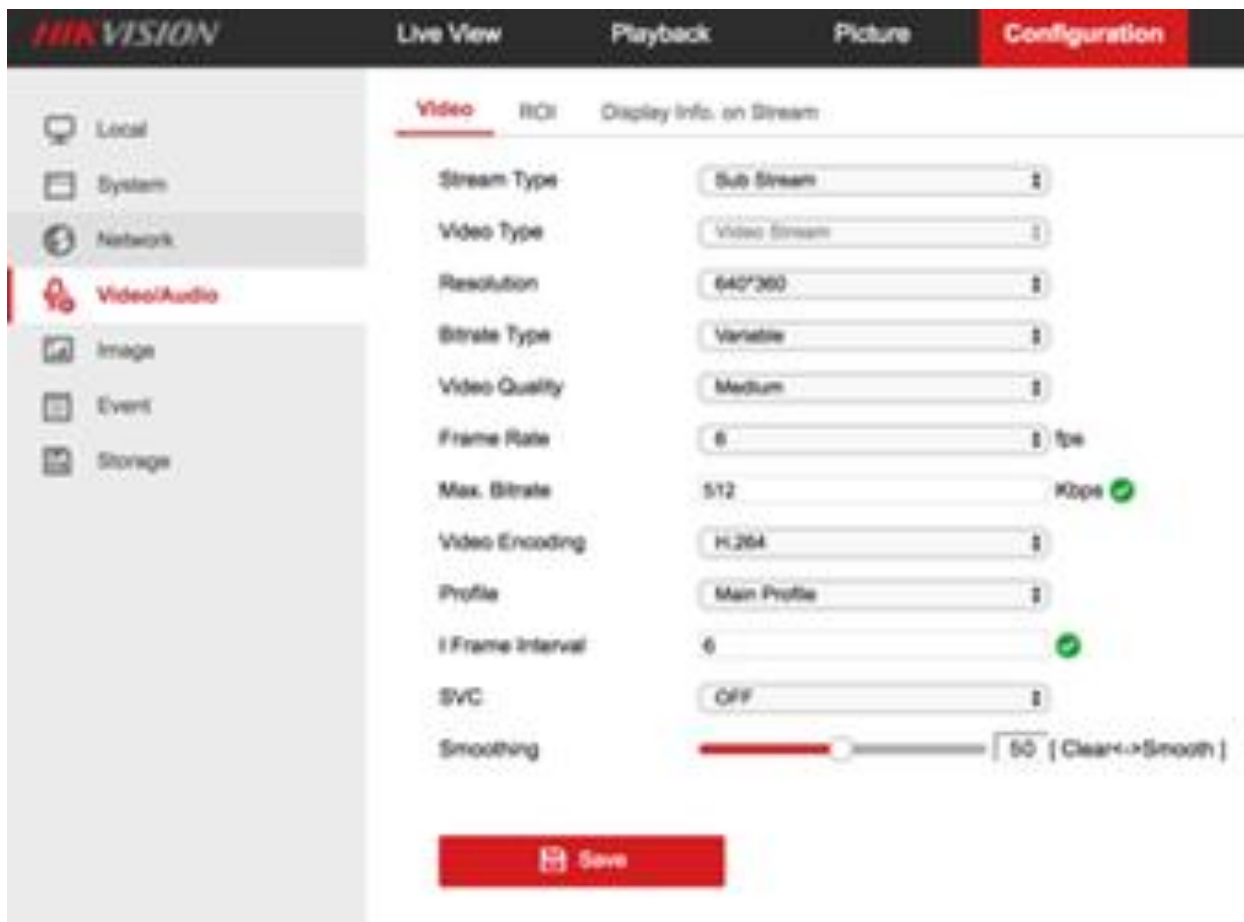
*Check box and click Add/Update to delete configuration for this camera*

[Add/Update Camera](#)

**Select "System Status" click "Restart DeepAlert Service"**

## Process to setup the Hikvision Camera Sub streams:

- Log in to your Hikvision camera with your username & password
- Select Configuration > Video/Audio
- Click the drop-down on "Stream Type".
- Select "Sub Stream" and ensure the settings are the same as the image below.
- Click "Save"



## Setting Hikvision Camera NTP:

- Select Configuration > System
- Select the "Time Zone" drop-down and select "(GMT +00:00) Dublin, Edinburgh, London)

- Click the radio button to activate NTP (Network Time Protocol)
- Set "Server Address" to "time.google.com"
- Set "NTP Port" to 123
- Set "Interval" to 1440"
- Click "Save"

*(Please note, the camera time is generally 2 hours behind Local South African Time (SAST)).*

The screenshot displays the Hikvision web interface for camera configuration. The top navigation bar includes 'Live View', 'Playback', 'Picture', and 'Configuration'. The left sidebar lists various settings categories: Local, System, System Settings (highlighted), Maintenance, Security, User Management, Network, Video/Audio, Image, Event, and Storage. The main content area is titled 'Time Settings' and includes tabs for 'Basic Information', 'Time Settings', 'OST', and 'RS232'. Under 'Time Settings', the 'Time Zone' is set to '(GMT+00:00) Dublin, Edinburgh, London'. The 'NTP' section is active, with the 'NTP' radio button selected. The 'Server Address' is 'time.google.com', 'NTP Port' is '123', and 'Interval' is '1440 min'. A 'Test' button is present. The 'Manual Time Sync.' section has the 'Manual Time Sync.' radio button selected. The 'Device Time' is '2018-05-14T07:59:14' and the 'Set Time' is '2018-05-14T07:58:16'. A 'Sync. with computer time' option is also visible. A red 'Save' button is at the bottom.