



VIPER: How to Add Samsung/Hanwha Cameras

VISTA
KNOWLEDGE
BASE

The following Procedure explains how to add a Samsung/Hanwha IP camera to a VIPER NVR

The below screenshots were done via the NVRs web interface but is very similar on the unit itself.

Note

A separate PC running Hanwha Wisenet software {Discovery Application} & POE switch will be needed to do the initial set up of the camera.

In this procedure the Camera is set to out of Box Defaults. Default password on Viper [admin/admin]

- Open web page of Camera.
As default Samsung/Hanwha camera do not have a password set. Must set a secure password.

Administrator password change

New password

Confirm new password

- If the password is 8 to 9 characters long, it must include at least 3 of the following character types: English uppercase letters, English lowercase letters, numbers, and special characters.
- If the password is 10 characters or longer, it must include at least 2 of the following character types: English uppercase letters, English lowercase letters, numbers, and special characters.
- ID may not be used as password. The password and ID cannot be identical.
- The following special characters can be used: ~ !@#\$%^&*()_+={}|:;'"<>.,?/
- You may not use more than 4 consecutive characters. (example: 1234, abcd, etc.)
- You may not use the same character 4 or more times consecutively. (example: !!!!, 1111, aaaa, etc.)

Apply

- Make sure Time & Date are correct if not set correctly

Current system time

Date & Time: 2018-05-10 12:03:32

Timezone

Timezone: (GMT) Greenwich Mean Time : Dublin, Edinburgh, Lisbon, London

- Once set up set NTP Address to the Viper Network Address

System time setup

Manual

Date & Time: 2018 05 10 12 01 36

Synchronize with NTP server

Address1: Viper IP Address

Address2: asia.pool.ntp.org

Address3: europe.pool.ntp.org

Address4: north-america.pool.ntp.org

Address5: time.nist.gov

Synchronize with PC viewer

Date & Time: 2018-05-10 13:02:01

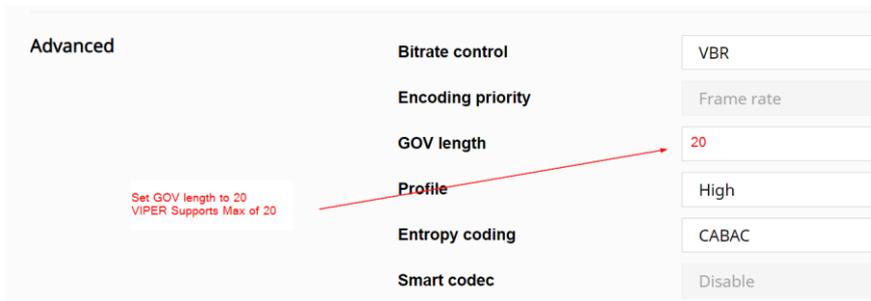
Apply

- Once set up Check Video Profiles, Mobile is set to MJPEG by default. Need to set to H.264 as below.

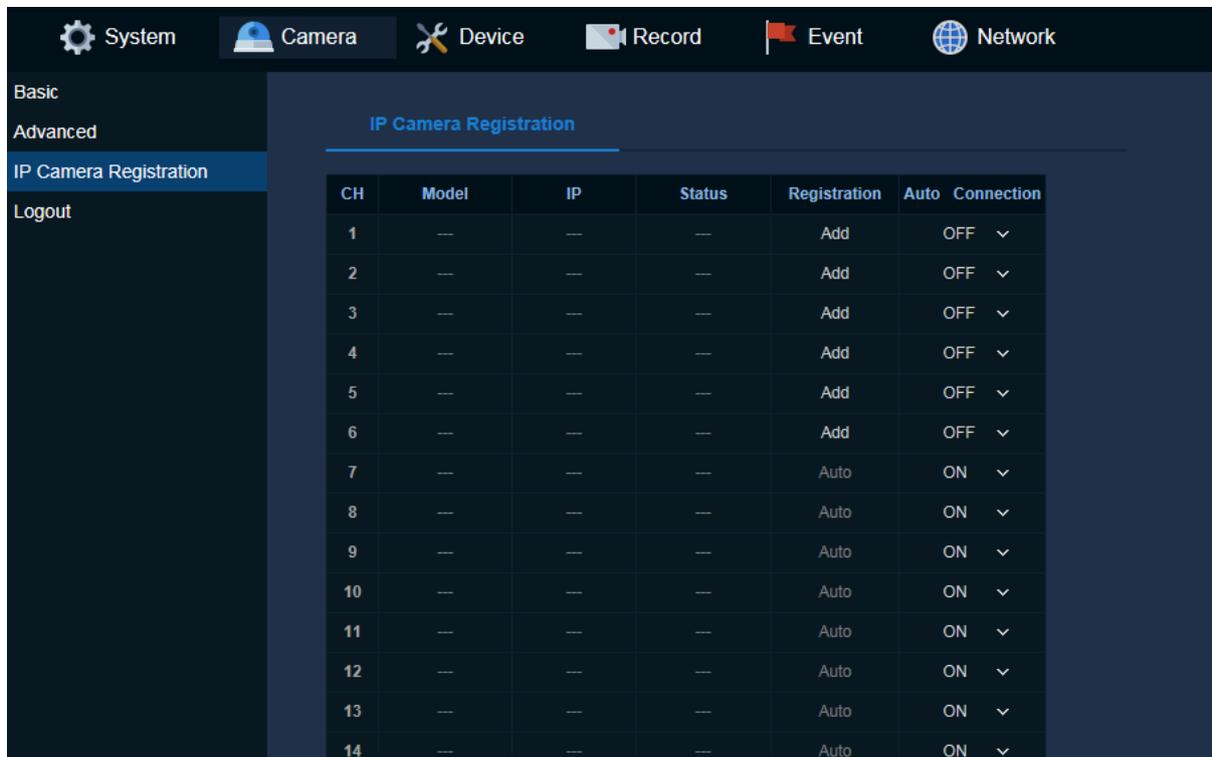
Add Delete

	Name	Codec	Type
<input type="radio"/>	MJPEG	MJPEG	Record / Event
<input checked="" type="radio"/>	H.264	H.264	Default
<input type="radio"/>	H.265	H.265	
<input type="radio"/>	MOBILE	H.264	

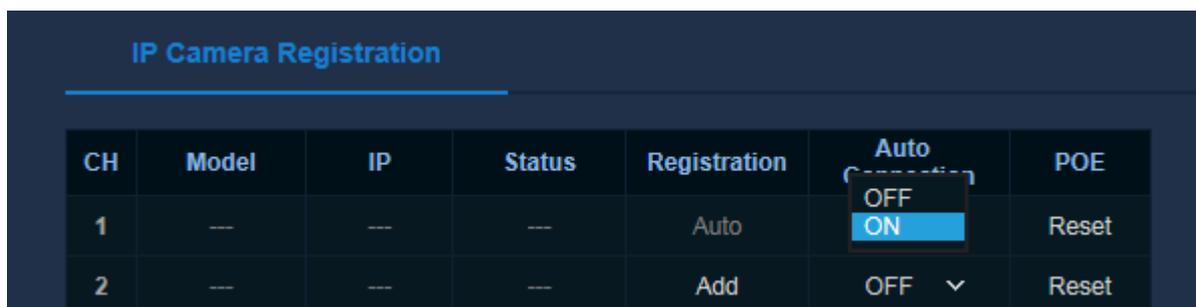
- Next change GOV to Max 20 on each both the H.264 and Mobile streams then save and exit camera web interface.



- Go to Camera Registration menu.



- Click "Auto Connection" set to off for the Input required



- Select Add then Search then detected camera list will be appeared.



- Then click Registration field of required camera.

The screenshot shows the 'IP Camera Registration (CH 01)' interface with a table of registered cameras. The table has four columns: 'Model', 'IP', 'MAC', and 'Status'. The 'Status' column for all entries is 'Registration'. A mouse cursor is pointing at the 'Registration' status of the last row.

Model	IP	MAC	Status
NVX-2253	172.16.3.123	00:07:D8:18:1A:7F	Registration
VK2-HD30LRIR-PM	172.16.1.59	00:07:D8:18:E9:9E	Registration
VK2-3MPEFEDre	172.16.1.90	00:07:D8:19:A9:C6	Registration
spartan-6	172.16.4.12	00:1A:07:0D:07:D9	Registration
spartan-6	172.16.4.15	00:1A:07:11:F5:32	Registration
Q1910	172.16.0.173	00:40:8C:AC:49:4D	Registration
P3301	172.16.1.77	00:40:8C:B5:57:AB	Registration
WV-SP302	172.16.1.18	08:00:23:94:3E:E1	Registration
2	172.16.1.99	10:FC:54:A0:0C:66	Registration
M7016	172.16.3.217	27:B6:11:63:C2:61	Registration
SNP-5430	172.16.1.29	30:30:30:53:4D:00	Registration
QND-7020R	172.16.1.45	30:30:31:30:5A:00	Registration
SNB-8000	172.16.0.236	30:30:31:31:5A:00	Registration
QNV-6070R	172.16.0.171	30:30:32:35:46:00	Registration
SNF-8010	172.16.0.170	30:30:35:51:45:00	Registration
SND-6084R	172.16.1.34	30:30:38:58:58:00	Registration

- Enter the ID/PW of the IP camera.

IP Camera Registration

Protocol

ONVIF URL

ONVIF Port

RTSP URL (Primary)

RTSP URL (Secondary)

HTTP Port

ID

Password

RTSP

- Selecting "OK" will return to IP Camera Registration page.. Status says "IPCam Network Error" press save.
- Then go out of the page and back in again status should say "Connected" if not check user credentials.

IP Camera Registration

CH	Model	IP	Status	Registration	Auto Connection
1	SND-6084R	172.16.1.34	Connected	Delete	OFF <input type="text" value="v"/>
2	---	---	---	Add	OFF <input type="text" value="v"/>

- Then click "save".
- Exit Menus/Logout if using web browser [as per this procedure] check Camera is displayed.

This Completes the Procedure.