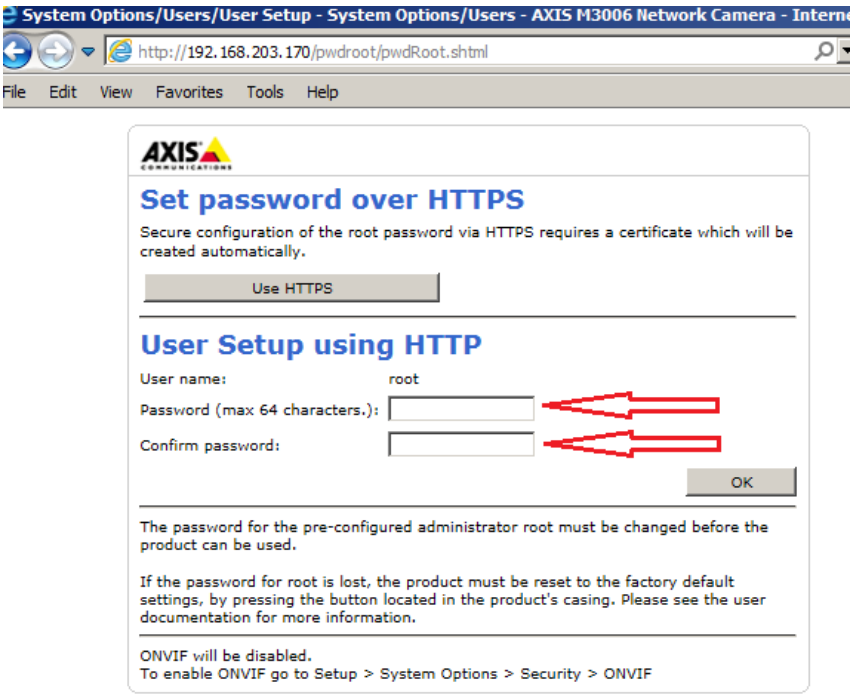
Axis Camera ONVIF Configuration - Uniview

NOTE: Axis M3006 camera was used to test this scenario. Different Axis camera models may vary

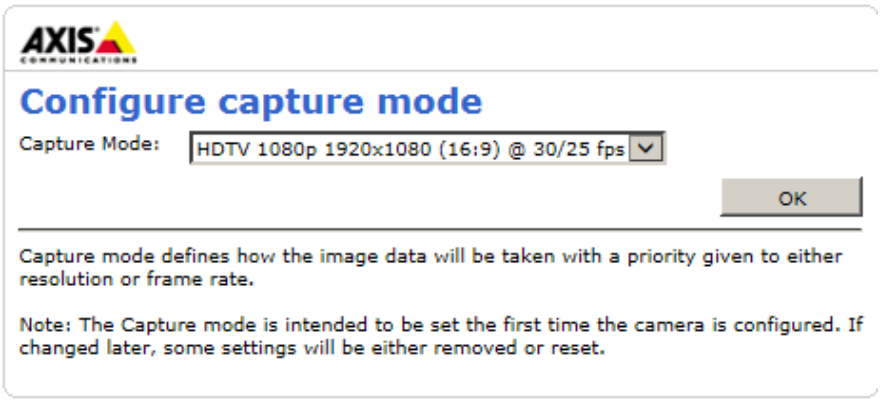
1. Upgrade the Axis camera to the latest firmware - https://www.axis.com/support/firmware

   Log into camera via Internet Explorer – System Options – Maintenance – Browse to FW file – Upgrade

2. Once FW upgrade complete, login to camera using Internet Explorer. Set default password for root account



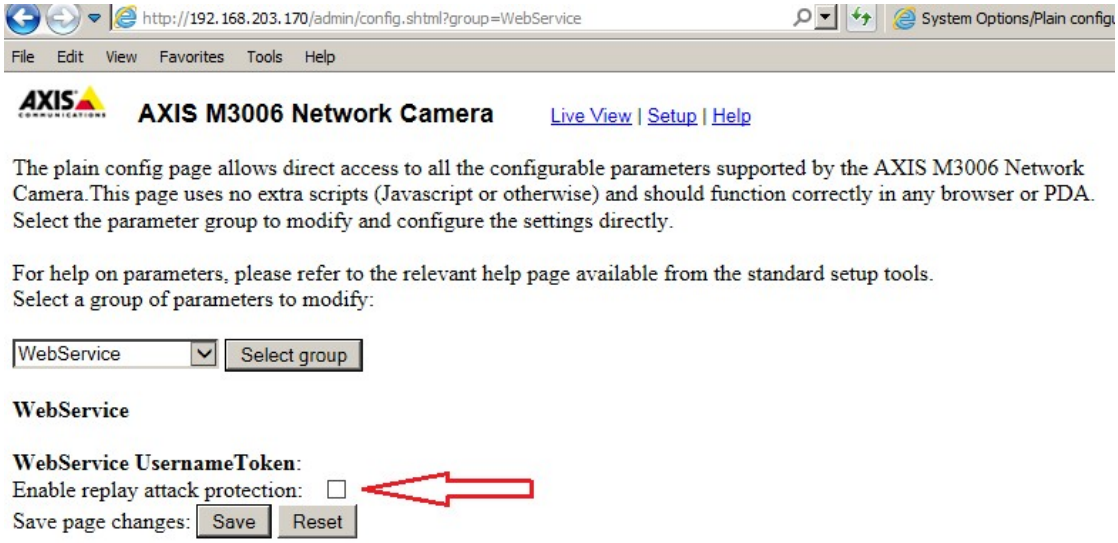
3. **Set the Capture Mode to 1080P (2MP)**



4. **Disable WebService UsernameToken**

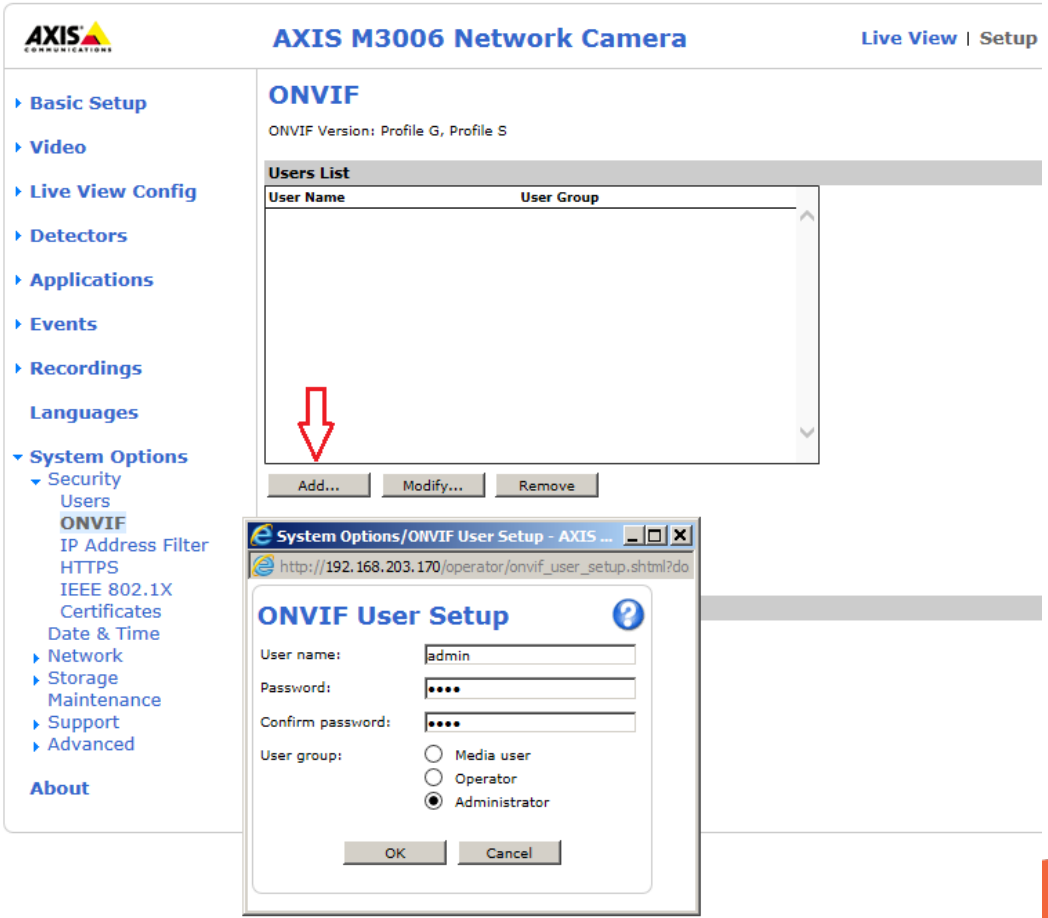
Click on “Advanced” – “Plain Config” – Select “WebService” from the dropdown menu. Click “Select Group”

Untick the box next to “Enable replay attach protection”. Click “Save”. Then click on setup on the top
of the screen



5. **Create an ONVIF login account with administrator privileges**

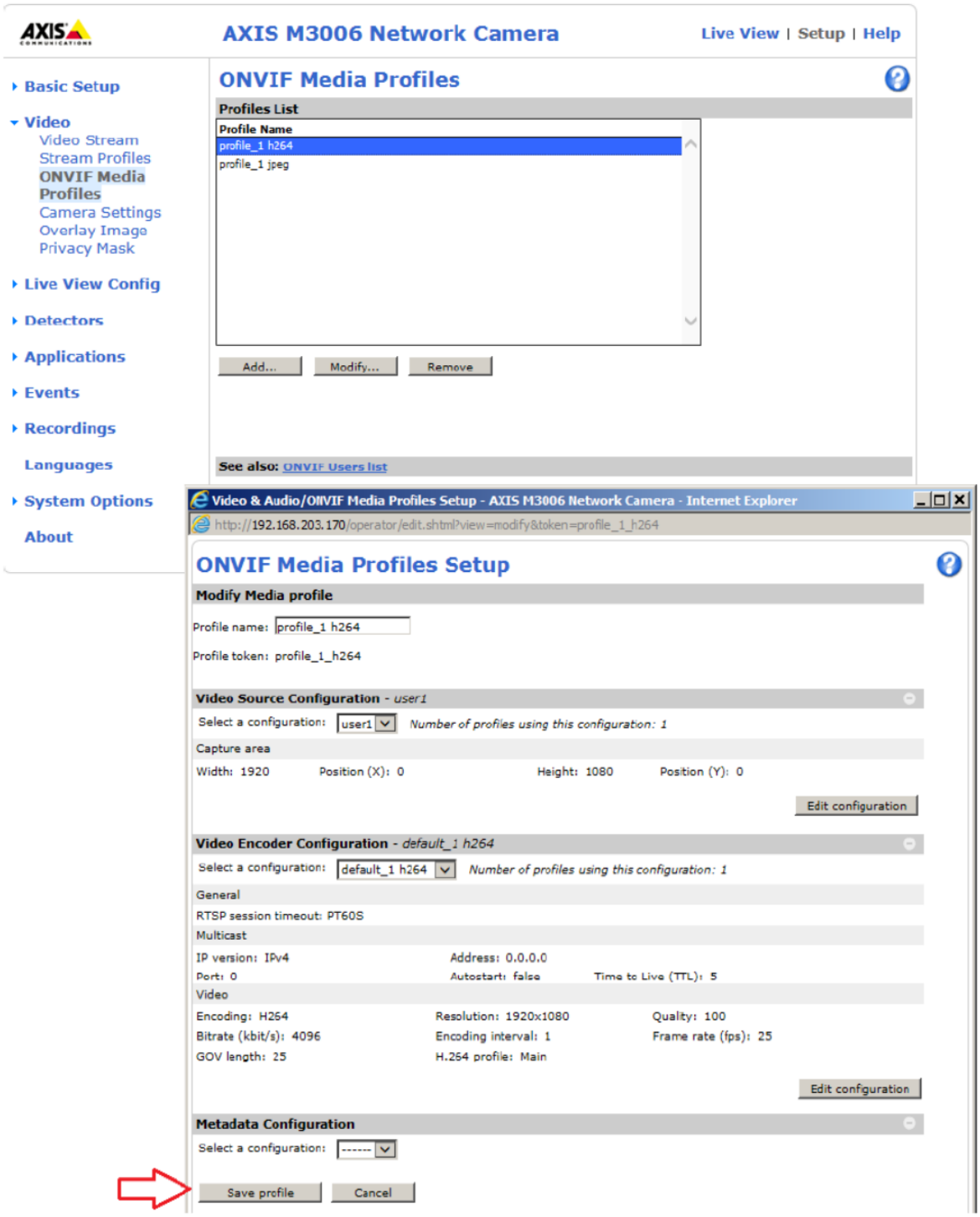
Click “Security Options” – “ONVIF”. Click “Add” e.g admin – password: pass



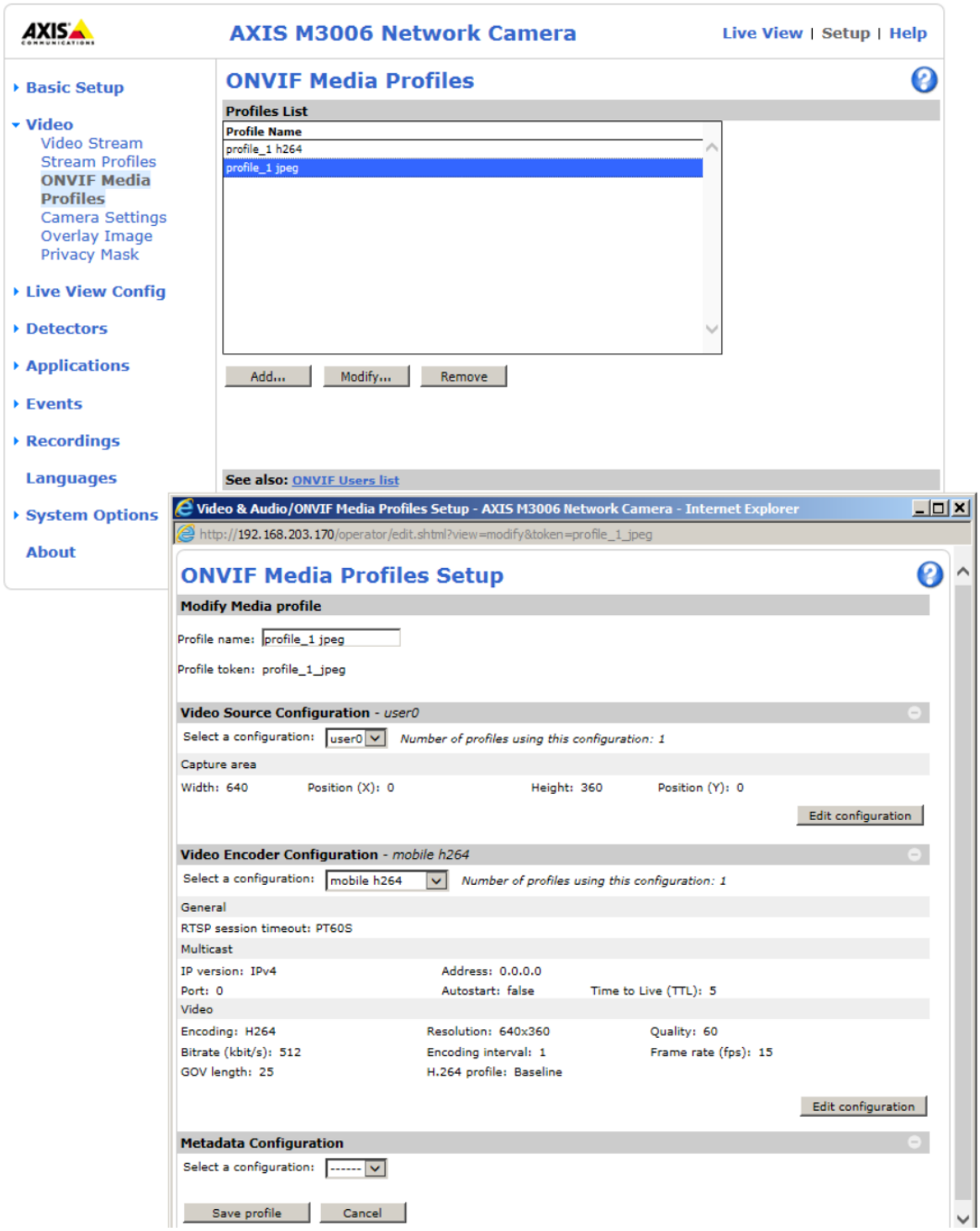
6. Modify the ONVIF Media Profiles

Click on "Video"-"ONVIF Media Profiles"-Modify profile_h264 (mainstream profile) and profile_jpeg (substream). Save Configuration-Save Profile

Mainstream Example

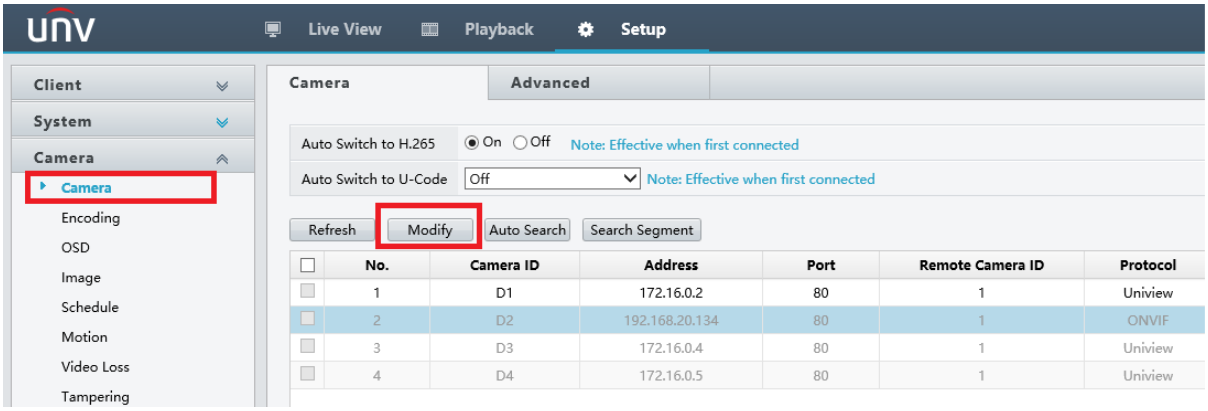


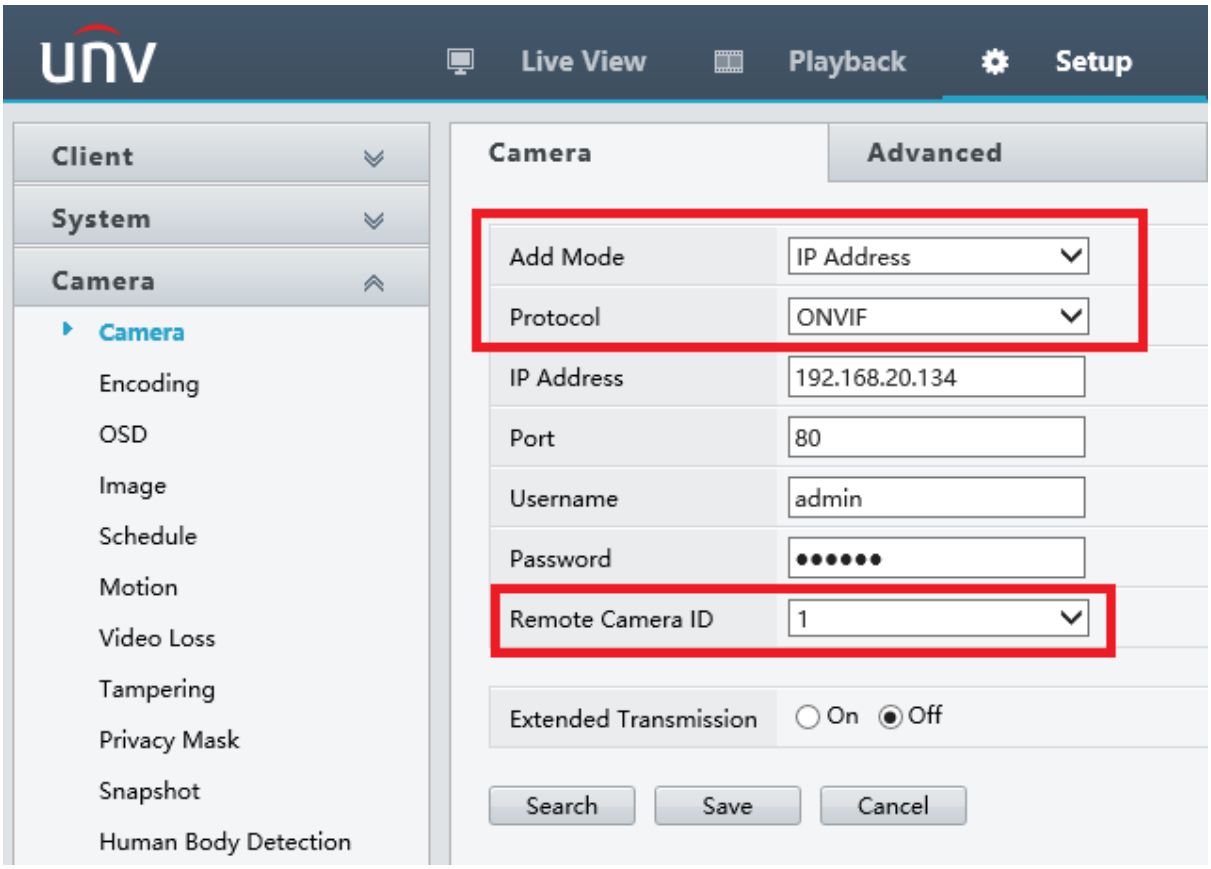
Substream Example:



7. Add camera to Unview Recorder.

Add camera to uniview NVR using the ONVIF protocol and onvif credentials created previously in step 5. When adding multiple cameras ensure that the **remote camera ID**: is set to **1** for each camera. Refer to images below


unv
Live View
Playback
Setup
Client
System
Camera
Camera
Encoding
OSD
Image
Schedule
Motion
Video Loss
Tampering
Camera
Advanced
Auto Switch to H.265
On
Off
Note: Effective when first connected
Auto Switch to U-Code
Off
Note: Effective when first connected
Refresh
Modify
Auto Search
Search Segment
No.
Camera ID
Address
Port
Remote Camera ID
Protocol
1 D1 172.16.0.2 80 1 Uniview
2 D2 192.168.20.134 80 1 ONVIF
3 D3 172.16.0.4 80 1 Uniview
4 D4 172.16.0.5 80 1 Uniview


unv
Live View
Playback
Setup
Client
System
Camera
Camera
Encoding
OSD
Image
Schedule
Motion
Video Loss
Tampering
Privacy Mask
Snapshot
Human Body Detection
Camera
Advanced
Add Mode
IP Address
Protocol
ONVIF
IP Address
192.168.20.134
Port
80
Username
admin
Password
Remote Camera ID
1
Extended Transmission
On
Off
Search
Save
Cancel