



Stream Connector

June 2026– Version 1.3



Overview, Requirements, Prerequisites

- For a complete overview including requirements/prerequisites of the Stream Connector solution, click [here](#)

Important Notes

- This guide covers a basic functional configuration, not a fully secure setup. The integrator is responsible for properly hardening the device and its configuration.
- This guide **does not represent a complete list of devices supported** by the Stream Connector. It highlights a selection of manufacturers and vendors based on the most commonly requested devices.
- The Stream Connector is designed to pull video streams from devices that support ONVIF Profile S. However, **integrators should validate compatibility** with each camera manufacturer prior to deployment in a customer environment.
- Do not enroll the S30 Stream Connector until prompted to in this guide. The S30 Stream Connector must be configured with the streams prior to enrolling the S30 device into YourSix.

Contents



Audience: Y6OS Authorized Users



Objective: This guide explains how to connect non-Axis Communications cameras to the YourSixOS platform using the AXIS S30 Series.

- [ACAP Upload](#)
- [Hikvision](#)
- [Speco \(Uniview OEM\)](#)
- [Digital Watchdog \(Uniview OEM\)](#)
- [Hanwha](#)
- [Additional Topics](#) (Including Troubleshooting)



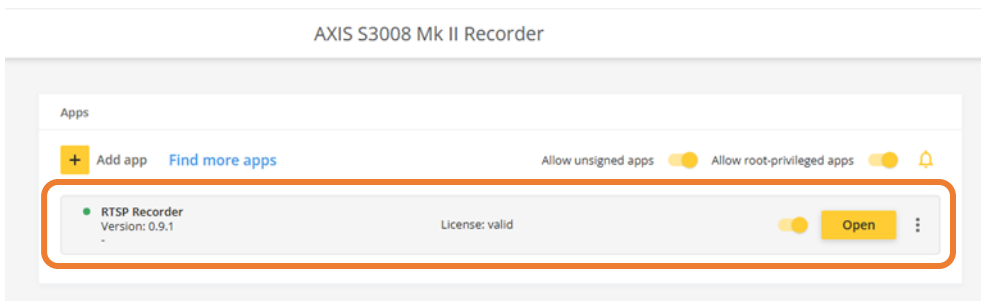
ACAP Upload

The following steps are to be completed within AXIS S30 Device

Warning: The following steps must be completed BEFORE the S30 is enrolled into YourSixOS

Step 1: Install and Prepare the RTSP Recorder ACAP

1. Download the ACAP from [YourSix Stream Connector Page](#)
2. Log into the Axis S30 device
3. Confirm the firmware of the S30 device is 11.11.212 or higher
 - If it is not, then update the device firmware
4. Navigate to **Apps**
5. Install RTSP Recorder ACAP by selecting **Add app**
6. Activate the license key using the option **Activate license automatically**
7. Once complete, confirm the following
 - **App status: Running**
 - **License: Valid**



Hikvision

Overview

Device: Hikvision IP cameras (e.g., DS-2CD series)

Firmware Tested: Hikvision V5.x / Encoding V7.x

Configuration Notes

The Axis RTSP Recorder ACAP uses ONVIF for discovery only, and RTSP for recording.

The following are important configuration notes that a user needs to be aware of during the configuration process

- ONVIF discovery uses an ONVIF service user
- RTSP streaming uses a standard camera user
- Both must be configured correctly for successful onboarding
- Rebooting the camera may randomly be needed for settings to actually take effect

Configuration steps

Camera Configuration

1. Configure Video Encoding
2. Create RTSP User
3. Create ONVIF User
4. Configure RTSP Settings
5. Validate RTSP Manually

Axis S3008 / S3016 RTSP Recorder ACAP Configuration

1. Add Device via ONVIF Auto Discovery
2. Select Discovered RTSP Profile
3. Complete Device Configuration
4. Verify Recording Operation
5. Enroll S30 into YourSixOS



Hikvision

Part 1

Camera Configuration

The following steps are to be completed within the Hikvision camera interface

Step 1: Configure Video Encoding

1. Navigate to: Configuration → Video/Audio → Video
2. Ensure you are editing the **Main Stream**
3. Confirm the setting are as follows:

Stream Type	Main Stream
Video Type	Video Stream
Resolution	Native sensor resolution
Bit Rate Type	Variable Bit Rate (VBR)
Picture Quality	Higher
Frame Rate	Fixed (15 FPS)
Max Bit Rate	Appropriate for resolution (e.g., ~6 Mbps @ 4MP)
Video Encoding	H.264
H.264+	Disabled
Profile	Medium
I-Frame Interval	Fixed (FPS × 2 recommended)
SVC	Off
Smoothing	Default / 50

4. Confirm H.264+ / H.265+ is **disabled**
 - Hikvision "+" codecs introduce dynamic GOP and scene-adaptive behavior that can break long-running RTSP recordings.
5. Click **Save**

The following steps are to be completed within the Hikvision camera interface

Step 2: Create RTSP User

This user account is required for RTSP streaming and is used by the Axis recorder to retrieve video.

1. Navigate to: Configuration → System → User Management
2. Create a user

Username	RTSP
User Type	Operator
Permissions	Live View
	Playback/download
	RTSP/Media access

3. Click OK

The following steps are to be completed within the Hikvision camera interface

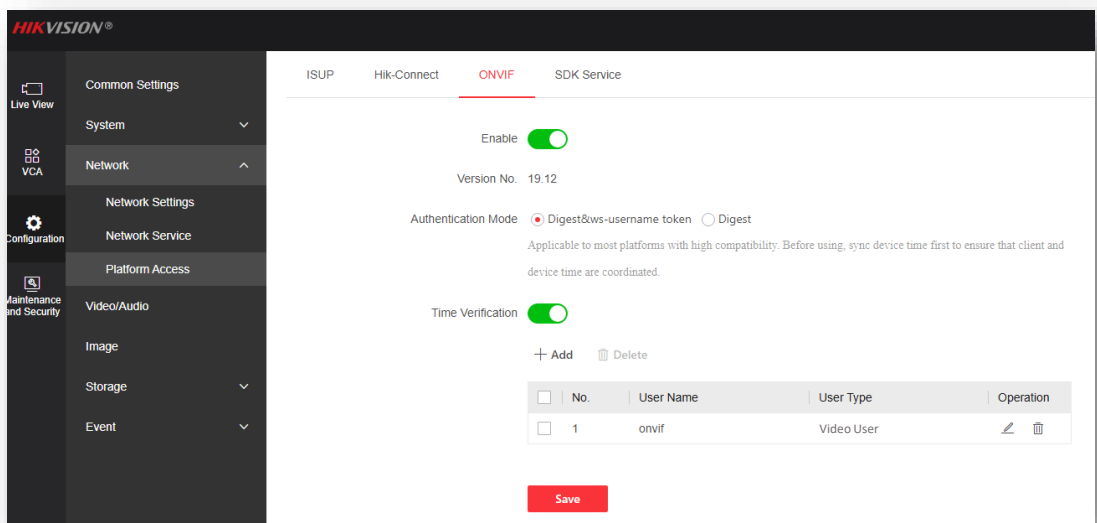
Step 3: Create ONVIF User

This user account is used for device discovery only and functions as the ONVIF service user.

1. Navigate to: Configuration → Network → Platform Access → ONVIF
2. Enable ONVIF
3. Set **Authentication Mode** to “Digest&ws-username token”
4. Set **Time Verification** to “Enabled”
5. Add an ONVIF user

Username	ONVIF
User Type	Video User

- *This user is ONVIF-only*
- *This user will not work for RTSP streaming*



6. Click **OK**
7. Click **Save**

This is the most common Hikvision integration failure point.
ONVIF users authenticate successfully but cannot stream RTSP video.

The following steps are to be completed within the Hikvision camera interface

Step 4: Configure RTSP Settings

1. Navigate to: Configuration → Network → Network Service → RTSP
2. Set the RTSP settings as follows

RTSP Port	554 (default)
Stream Type	Main Stream
Video Port	8860
Authentication Mode	digest/basic
Digest Algorithm	MD5

The screenshot shows the Hikvision camera interface. On the left is a dark sidebar with a menu. The 'Configuration' option is selected, and its sub-menu is expanded, showing 'Network Service' as the active item. The main content area has a top navigation bar with tabs: HTTP(S), Multicast, RTSP (highlighted in red), SRTP, Bonjour, WebSocket(s), NAT, and RTCP. Below the tabs, the RTSP configuration page is displayed. It includes a field for '* Port No.' with the value 554. A section titled 'Multicast' contains a '* Stream Type' field with two buttons: 'Main Stream' (highlighted in red) and 'Sub-Stream'. Below that is a '* Video Port' field with the value 8860. An 'RTSP Authentication' section contains two dropdown menus: 'Authentication Mode' set to 'digest/basic' and 'Digest Algorithm' set to 'MD5'. At the bottom center of the form is a red 'Save' button.

3. Click Save

The following steps are to be completed within the Hikvision camera interface

Step 5: Validate RTSP Manually

This step is not required, but is strongly recommended

Validate the RTSP stream by accessing the URLs below, which follow typical Hikvision RTSP formats.

Main Stream:

- `rtsp://<username>:<password>@<camera-ip>:554/Streaming/Channels/101`

Substream:

- `rtsp://<username>:<password>@<camera-ip>:554/Streaming/Channels/102`

Confirm the stream plays for 10+ minutes without interruption.

Additional information on reviewing RTSP streams can be located at:
<https://supportusa.hikvision.com/support/solutions/articles/17000129064-how-do-i-get-my-rtsp-stream->

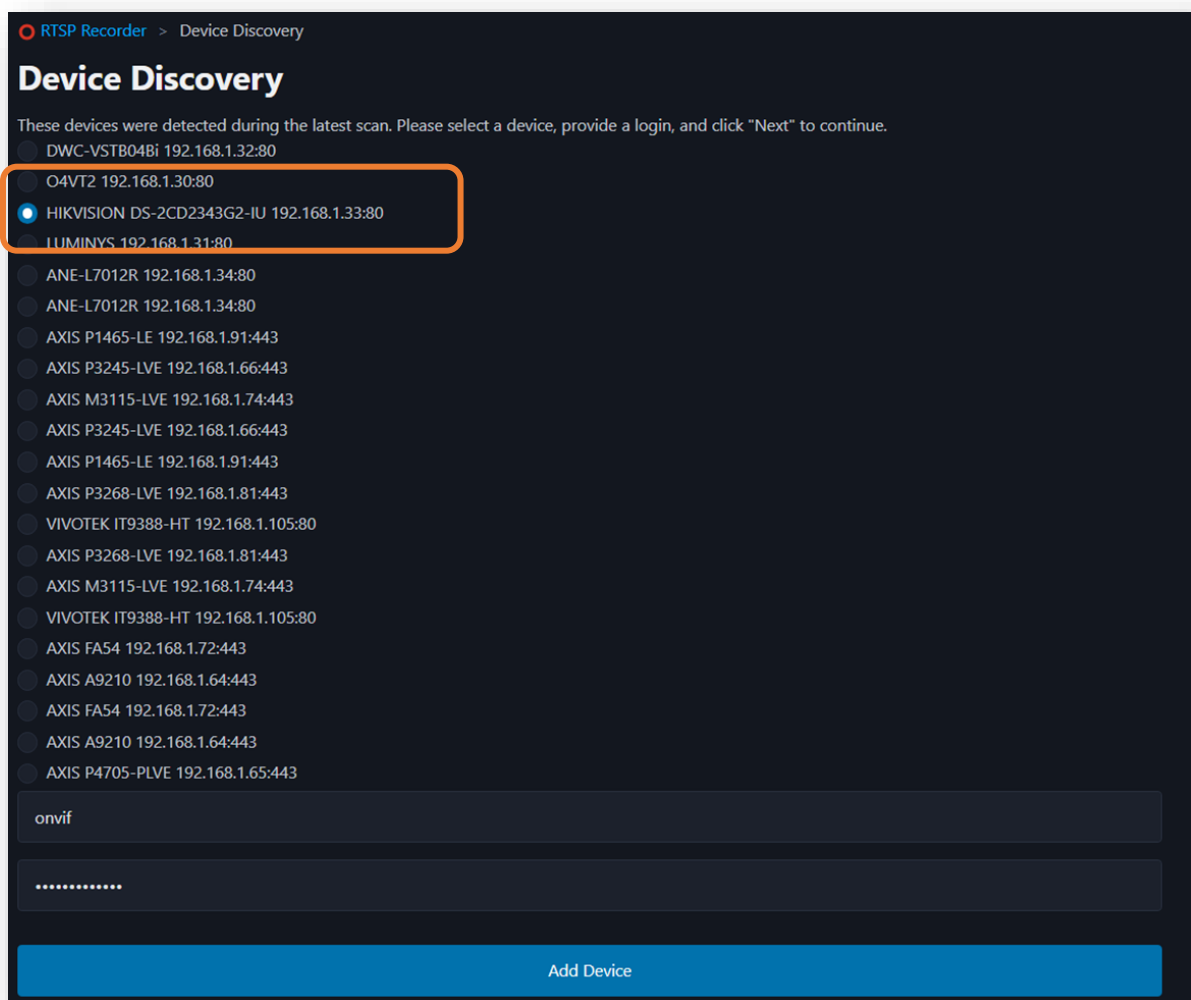
Hikvision
Part 2

Axis S3008 / S3016 RTSP Recorder ACAP Configuration

The following steps are to be completed within AXIS S30 Device

Step 1: Add Device via ONVIF Auto Discovery

1. Open the RTSP Recorder app on the S30 appliance
2. Select Add Device – ONVIF Auto Discovery
3. Select the Hikvision camera from the discovery list



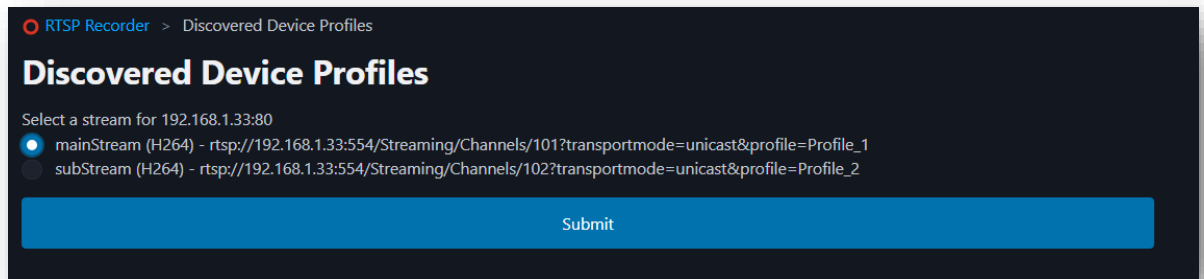
4. Enter ONVIF user credentials (NOT the RTSP streaming user)
5. Click Add Device

The following steps are to be completed within AXIS S30 Device

Step 2: Select Discovered RTSP Profile

This step uses ONVIF only to retrieve the RTSP URL

1. Select the appropriate discovered profile (Usually mainstream)
2. Click Submit



The screenshot shows a web interface for 'RTSP Recorder' with the title 'Discovered Device Profiles'. It prompts the user to 'Select a stream for 192.168.1.33:80'. Two radio buttons are present: 'mainStream (H264)' which is selected, and 'subStream (H264)'. Both options show their respective RTSP URLs. A blue 'Submit' button is at the bottom.

RTSP Recorder > Discovered Device Profiles

Discovered Device Profiles

Select a stream for 192.168.1.33:80

☒ mainStream (H264) - rtsp://192.168.1.33:554/Streaming/Channels/101?transportmode=unicast&profile=Profile_1

☐ subStream (H264) - rtsp://192.168.1.33:554/Streaming/Channels/102?transportmode=unicast&profile=Profile_2

Submit

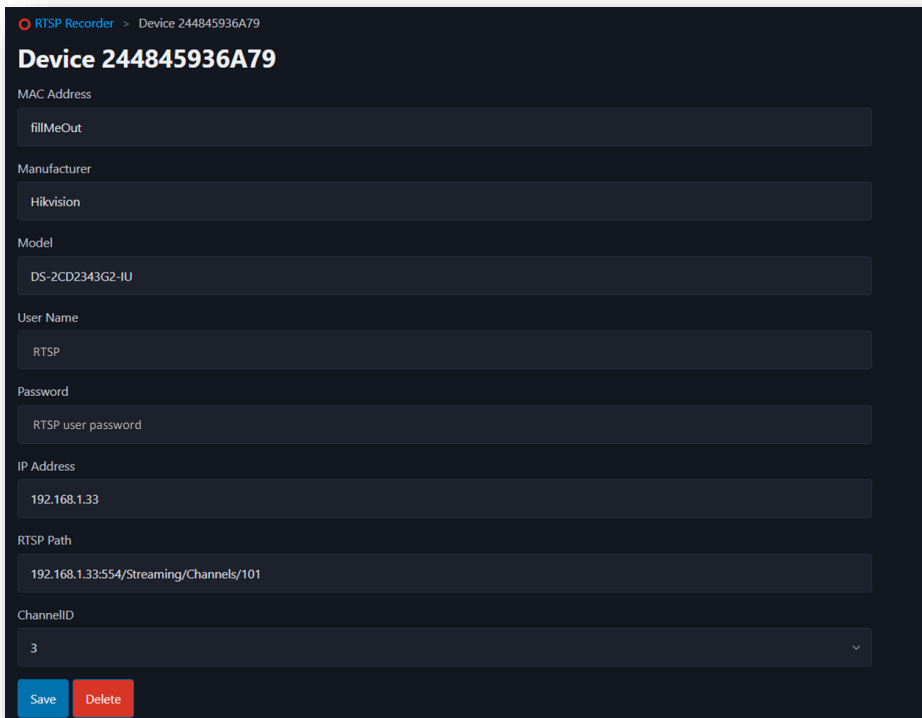
The following steps are to be completed within AXIS S30 Device

Step 3: Complete Device Configuration

1. The ACAP will auto-populate some fields. Manually **verify and populate** the rest.

MAC Address	Enter device MAC address
Manufacturer	Hikvision
Model	e.g., DS-2CD2343G2-IU
Username	Update to RTSP (the user created)
Password	Update to the RTSP user password
IP Address	Enter device IP address
RTSP Path	Auto-populated from ONVIF
ChannelID	Must be unique per device

2. Confirm the Username and Password is set to the **RTSP streaming user** created in the Hikvision device and not the ONVIF user.



RTSP Recorder > Device 244845936A79

Device 244845936A79

MAC Address
fillMeOut

Manufacturer
Hikvision

Model
DS-2CD2343G2-IU

User Name
RTSP

Password
RTSP user password

IP Address
192.168.1.33

RTSP Path
192.168.1.33:554/Streaming/Channels/101

ChannelID
3

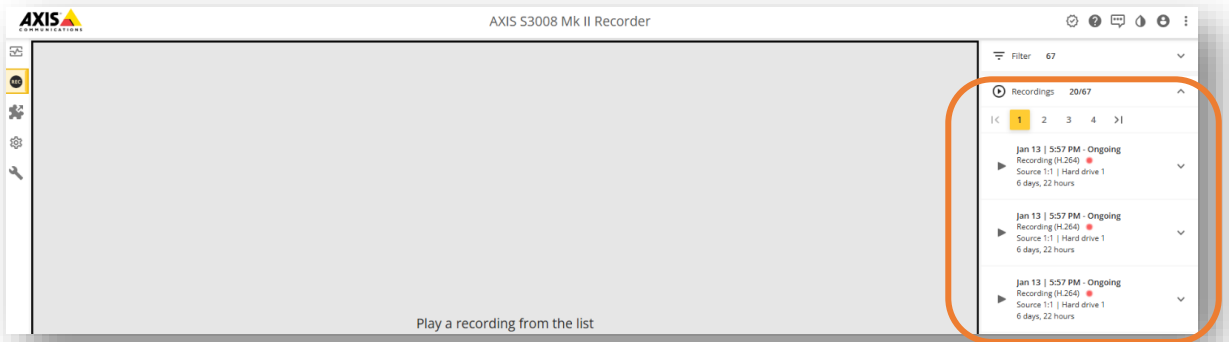
Save Delete

3. Click **Save**

The following steps are to be completed within AXIS S30 Device

Step 4: Verify Recording Operation

1. Navigate to the **Recordings** section along the left menu
2. Confirm the following:
 - Channel appears along the right side of the screen
 - Recording status is Ongoing
 - Codec matches expected stream
3. Playback the recording to validate continuity.



Step 5: Enroll the S30 into YourSixOS

Once the streams are verified on the S30, the device can be added to YourSixOS for viewing in the Matrix. **Do not enroll the S30 appliance in YourSixOS until all camera streams have been added and verified within the appliance.** Enrollment of the S30 follows the same process used for adding any other device in YourSix.

Documentation: <https://docs.yoursix.com/administration/integrator/device>

Speco (Uniview OEM)

Overview

Device: Speco (Uniview OEM) Cameras

Important Notes

- ONVIF is used for discovery and RTSP URL negotiation
- Continuous recording is performed via RTSP
- Disable dynamic / adaptive encoding features
- Use fixed, predictable streams

Required Camera Settings

- Dedicated ONVIF / RTSP user created
- ONVIF enabled with WS-Discovery
- Fixed GOP, fixed bitrate, fixed framerate
- Smart Codec / Dynamic GOP disabled
- RTSP validated

Configuration steps

Camera Configuration

1. Configure Main Stream
2. Configure Port and ONVIF User
3. Configure the Authentication

Axis S3008 / S3016 RTSP Recorder ACAP Configuration

1. Add Device via ONVIF Auto Discovery
2. Select Discovered RTSP Profile
3. Complete Device Configuration
4. Verify Recording Operation
5. Enroll S30 into YourSixOS



Speco (Uniview OEM)

Part 1

Camera Configuration

The following steps are to be completed within the camera interface

Step 1: Configure Main stream

1. Navigate to: Config Home → Image → Video/Audio
2. Configure the Main stream

Index	Stream Name	Resolution	Frame Rate	Bitrate Type	Bitrate(Kbps)	Video Quality	I Frame Interval	Video Compression	Profile
1	Main stream	2560x1440	15	VBR	6144	Higher	30	H264	Main Profile

- Frame rate ~15fps is generally recommended
- I-Frame interval can generally be 2x fps
- Set profile to Main Profile

3. Click **Save**

The following steps are to be completed within the camera interface

Step 2: Configure Port and ONVIF User

1. Navigate to: Config Home → Network → Ports/Connections (Advanced)
2. Confirm the Port setting are as follows:

Live Search

System
Image
Alarm
Event
Network
 > TCP/IP
 > Ports/Connections
Security
Maintenance

Config Home ► Network ► Advanced

Port Server Onvif DDNS SNMP 802.1X RTSP RTMP UPnP Email FTP HTTP POST HTTPS QoS

HTTP Port 80

HTTPS Port 443

Data Port 554

RTSP Port 9008

Persistent connection Port 8080 ☒ Enable

Save

3. Click Save
4. Select the ONVIF tab
5. Add a user with the below settings

Live Search

System
Image
Alarm
Event
Network
 > TCP/IP
 > Ports/Connections
Security
Maintenance

Config Home ► Network ► Advanced

Port Server Onvif DDNS SNMP 802.1X RTSP RTMP UPnP Email FTP HTTP POST HTTPS QoS

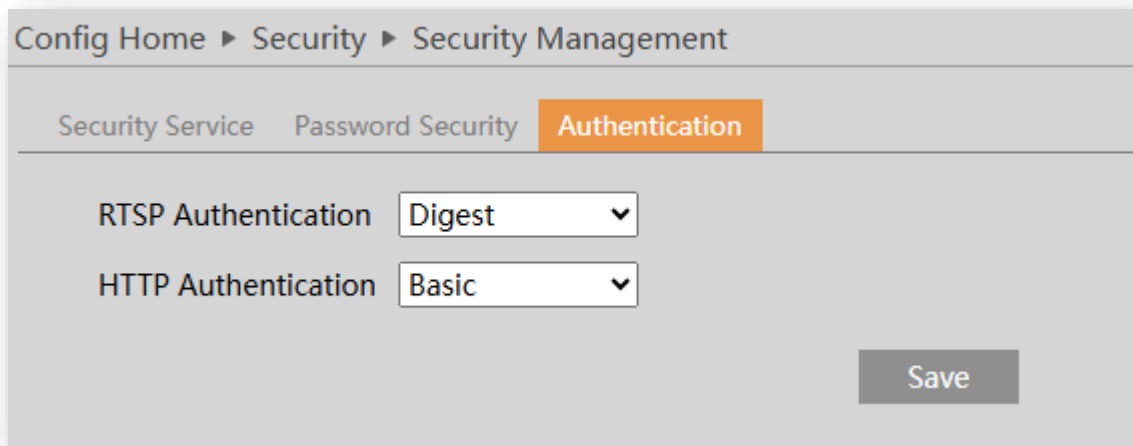
Add Modify Delete

Index	User Name	User Type
1	admin	Administrator

The following steps are to be completed within the camera interface

Step 3: Configure the Authentication

1. Navigate to: Config Home → Security → Security Management
2. Navigate to the Authentication tab and confirm the settings are as follows:



The screenshot displays the 'Config Home' navigation menu with 'Security' and 'Security Management' selected. The 'Authentication' tab is active, showing two dropdown menus: 'RTSP Authentication' set to 'Digest' and 'HTTP Authentication' set to 'Basic'. A 'Save' button is located at the bottom right of the configuration area.

Config Home ► Security ► Security Management		
Security Service	Password Security	Authentication
RTSP Authentication	Digest ▼	
HTTP Authentication	Basic ▼	
Save		

3. Click Save

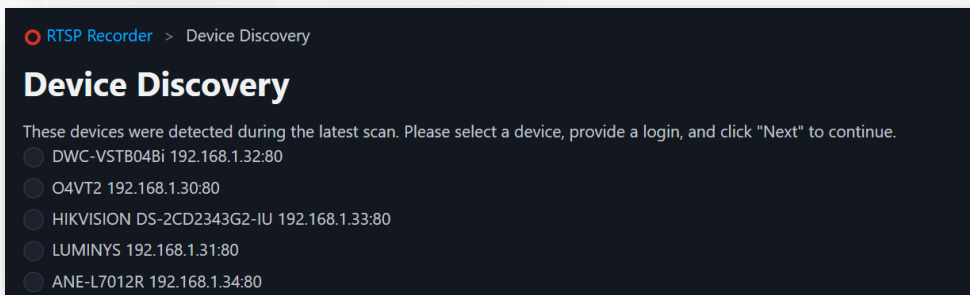
Speco (Uniview OEM)
Part 2

Axis S3008 / S3016 RTSP Recorder ACAP Configuration

The following steps are to be completed within AXIS S30 Device

Step 1: Add Device via ONVIF Auto Discovery

1. Open the RTSP Recorder app
2. Select Add Device – ONVIF Auto Discovery
3. Select the camera from the discovery list



4. At the bottom of the page enter the Device user name and password
 - *This information is based on the dedicated ONVIF / RTSP user created on the camera*

A screenshot of the input fields for 'Device User Name' and 'Device Password'. Both fields are empty text boxes. Below them is a large blue button labeled 'Add Device'.

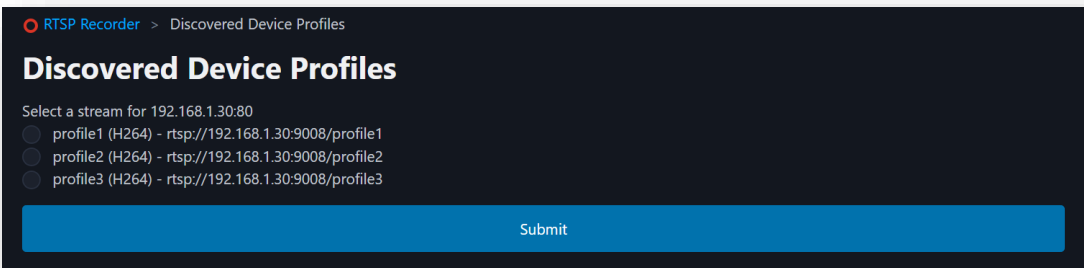
5. Click Add Device

The following steps are to be completed within AXIS S30 Device

Step 2: Select Discovered RTSP Profile

After authentication, the ACAP will display Discovered Device Profiles retrieved via ONVIF.

1. Select the appropriate **RTSP stream** (Usually profile 1)
 - Must match the stream configured on the camera (codec, resolution, bitrate). Example: profile1 (H264) – rtsp://<ip>:<port>/profile1



The screenshot shows a web interface for 'RTSP Recorder' with the title 'Discovered Device Profiles'. Below the title, it says 'Select a stream for 192.168.1.30:80'. There are three radio button options: 'profile1 (H264) - rtsp://192.168.1.30:9008/profile1', 'profile2 (H264) - rtsp://192.168.1.30:9008/profile2', and 'profile3 (H264) - rtsp://192.168.1.30:9008/profile3'. At the bottom right, there is a blue 'Submit' button.

2. Click **Submit**

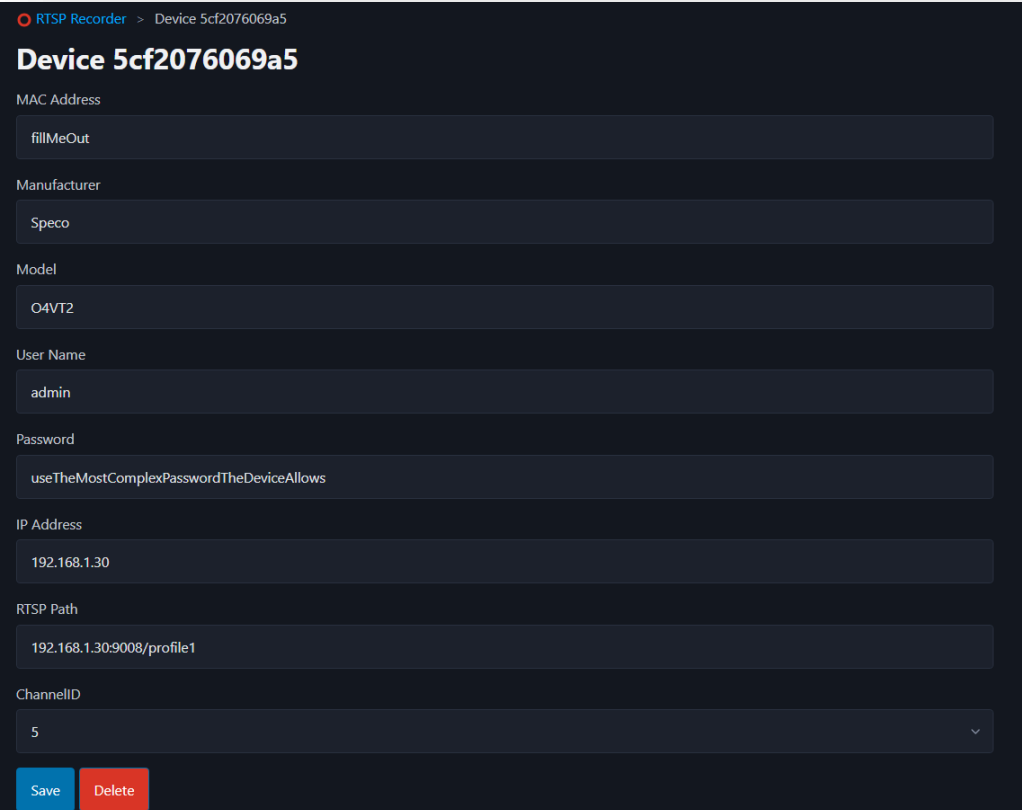
The following steps are to be completed within AXIS S30 Device

Step 3: Complete Device Configuration

1. The ACAP will auto-populate some fields. Manually **verify and populate** the rest.

MAC Address	Enter device MAC address
Manufacturer	Speco
Model	e.g., O4VT2
Username	Based on local user created
Password	Based on local user created
IP Address	Enter device IP address
RTSP Path	Auto-populated from ONVIF
ChannelID	Must be unique per device

2. Confirm the Username and Password is set to the RTSP streaming user created in the device.



RTSP Recorder > Device 5cf2076069a5

Device 5cf2076069a5

MAC Address
fillMeOut

Manufacturer
Speco

Model
O4VT2

User Name
admin

Password
useTheMostComplexPasswordTheDeviceAllows

IP Address
192.168.1.30

RTSP Path
192.168.1.30:9008/profile1

ChannelID
5

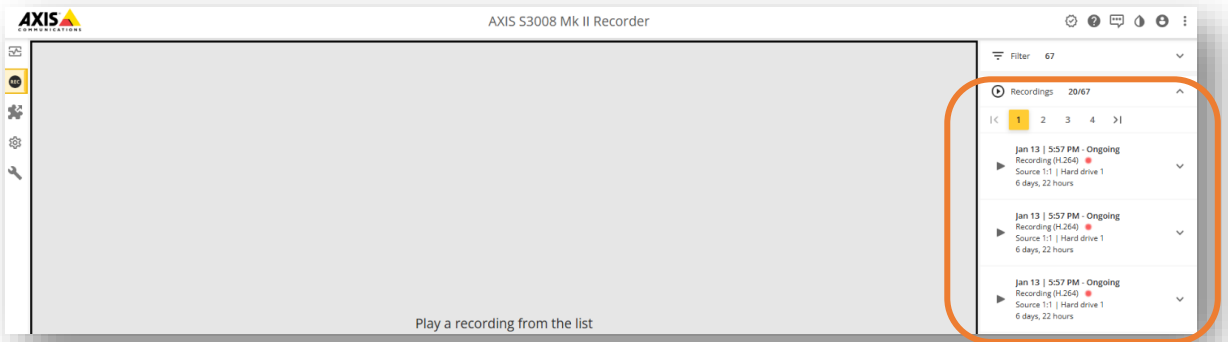
Save Delete

3. Click **Save**

The following steps are to be completed within AXIS S30 Device

Step 4: Verify Recording Operation

1. Navigate to the **Recordings** section along the left menu
2. Confirm the following:
 - Channel appears along the right side of the screen
 - Recording status is Ongoing
 - Codec matches expected stream
3. Playback the recording to validate continuity.



Step 5: Enroll the S30 into YourSixOS

Once the streams are verified on the S30, the device can be added to YourSixOS for viewing in the Matrix. **Do not enroll the S30 appliance in YourSixOS until all camera streams have been added and verified within the appliance.** Enrollment of the S30 follows the same process used for adding any other device in YourSix.

Documentation: <https://docs.yoursix.com/administration/integrator/device>

Digital Watchdog (Uniview OEM)

Overview

Device: Digital Watchdog (Uniview OEM) Cameras

Important Notes

- ONVIF is used for discovery and RTSP URL negotiation
- Continuous recording is performed via RTSP
- Disable dynamic / adaptive encoding features
- Use fixed, predictable streams

Required Camera Settings

- Dedicated ONVIF / RTSP user created
- ONVIF enabled with WS-Discovery
- Fixed GOP, fixed bitrate, fixed framerate
- Smart Codec / Dynamic GOP disabled
- RTSP validated

Configuration steps

Camera Configuration

1. Configure Main Stream
2. Configure Port and ONVIF User
3. Configure the Authentication

Axis S3008 / S3016 RTSP Recorder ACAP Configuration

1. Add Device via ONVIF Auto Discovery
2. Select Discovered RTSP Profile
3. Complete Device Configuration
4. Verify Recording Operation
5. Enroll S30 into YourSixOS



Digital Watchdog (Uniview OEM)

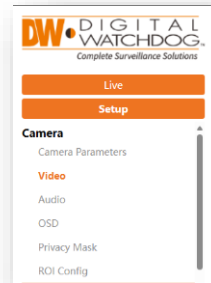
Part 1

Camera Configuration

The following steps are to be completed within the camera interface

Step 1: Configure Main stream

1. Navigate to: Setup → Camera → Video



2. Configure the Main stream

Camera ▶ Video										
Index	Stream Name	Resolution	Frame Rate	Bitrate Type	Bitrate(Kbps)	Video Quality	I Frame Interval	Video Compression	Profile	
1	1st Stream	2560x1440	15	VBR	6144	Higher	30	H264	Main Profile	

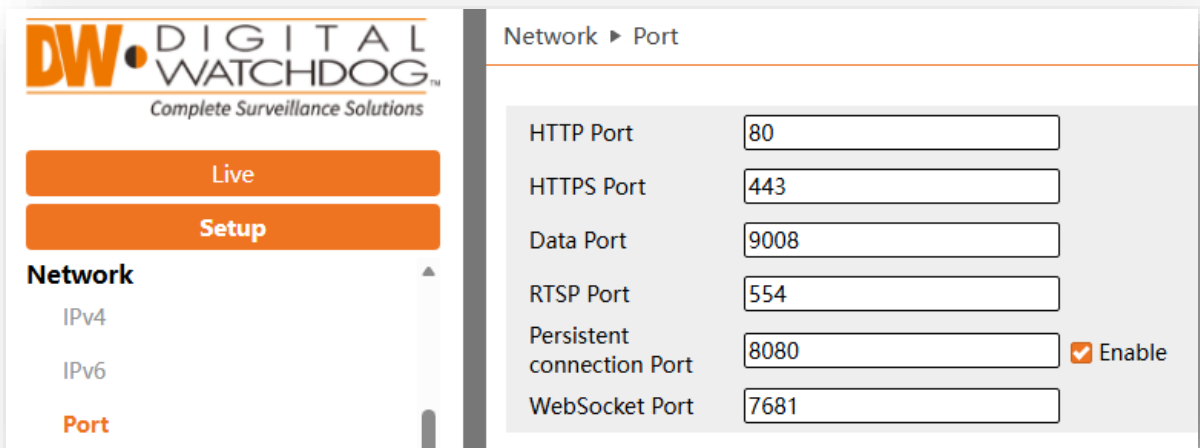
- Frame rate ~15fps is generally recommended
- I-Frame interval can generally be 2x fps
- Set profile to Main Profile

1. Click **Save**

The following steps are to be completed within the camera interface

Step 2: Configure Port and RTSP Settings

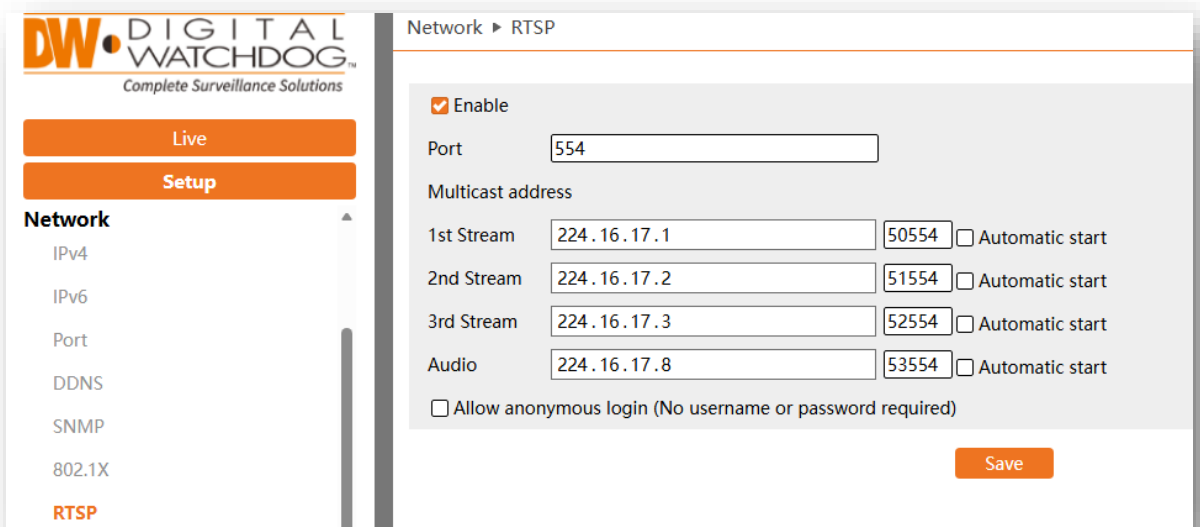
1. Navigate to: Setup → Network → Port
2. Confirm the Port setting are as follows:



The screenshot shows the 'Port' configuration page in the Digital Watchdog interface. The left sidebar has 'Port' selected under the 'Network' section. The main area is titled 'Network ► Port' and contains a table of port settings.

Port Type	Value	Enable
HTTP Port	80	
HTTPS Port	443	
Data Port	9008	
RTSP Port	554	
Persistent connection Port	8080	☒ Enable
WebSocket Port	7681	

3. Click Save
4. Select the RTSP tab
5. Confirm settings



The screenshot shows the 'RTSP' configuration page in the Digital Watchdog interface. The left sidebar has 'RTSP' selected under the 'Network' section. The main area is titled 'Network ► RTSP' and contains a form for RTSP settings.

☒ Enable

Port:

Multicast address

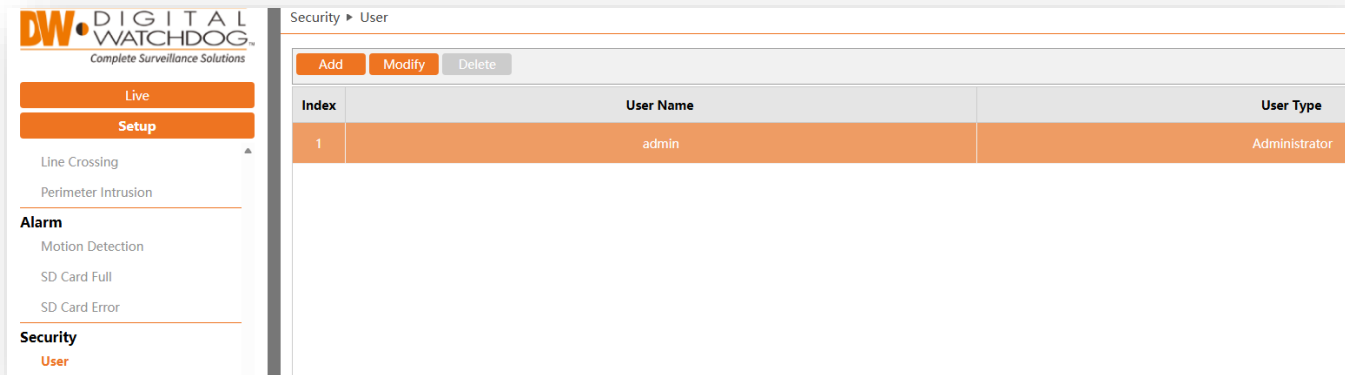
Stream	Address	Port	Automatic start
1st Stream	224.16.17.1	50554	☐
2nd Stream	224.16.17.2	51554	☐
3rd Stream	224.16.17.3	52554	☐
Audio	224.16.17.8	53554	☐

☐ Allow anonymous login (No username or password required)

The following steps are to be completed within the camera interface

Step 3: Create User

1. Navigate to: Setup → Security → User
2. Select **Add** and complete the setup for the user below



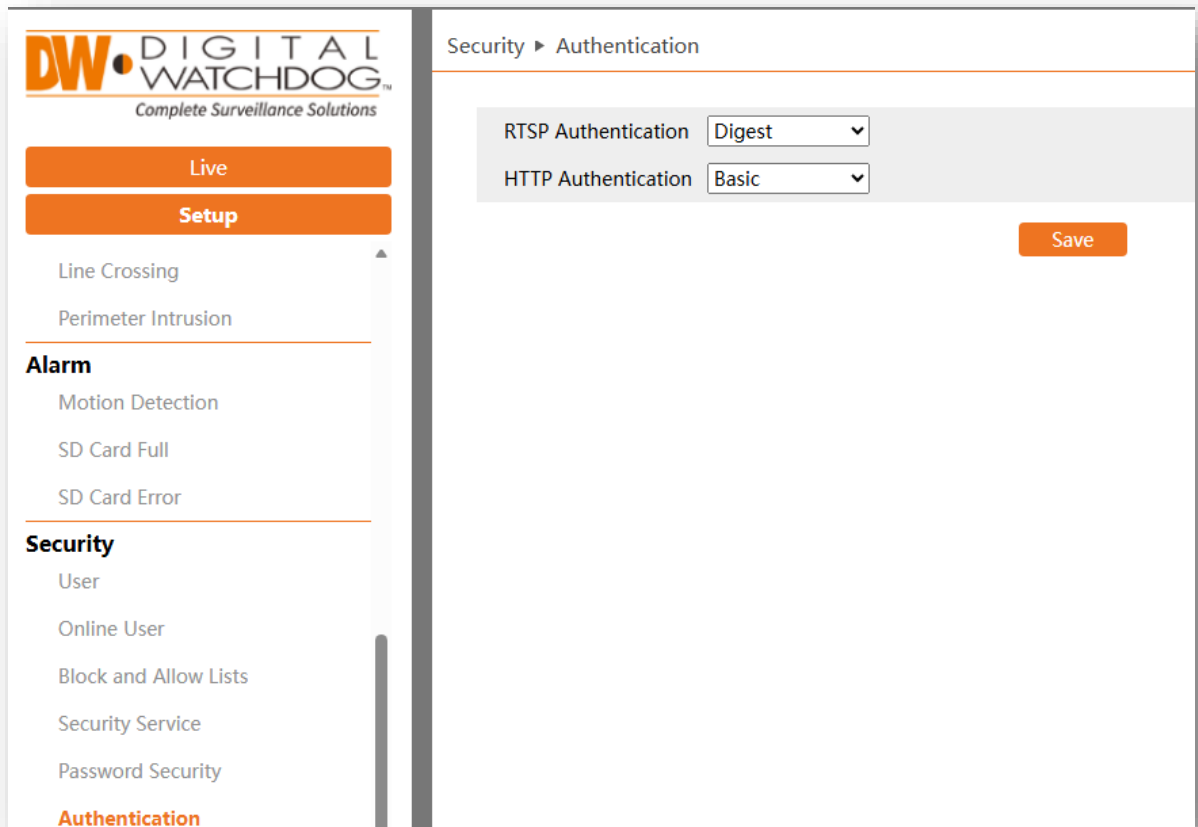
The screenshot displays the Digital Watchdog camera interface. On the left sidebar, the 'Setup' button is highlighted. Below it, the 'Security' section is expanded, showing 'User' as the selected option. The main content area is titled 'Security > User' and features three buttons: 'Add' (highlighted in orange), 'Modify', and 'Delete'. Below these buttons is a table with the following data:

Index	User Name	User Type
1	admin	Administrator

The following steps are to be completed within the camera interface

Step 4: Configure the Authentication

1. Navigate to: Setup → Security → Authentication
2. Confirm the settings are as follows:



3. Click Save

Digital Watchdog (Uniview OEM)

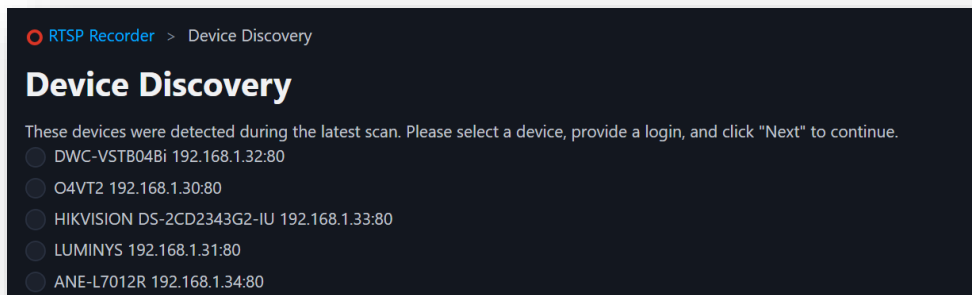
Part 2

Axis S3008 / S3016 RTSP Recorder ACAP Configuration

The following steps are to be completed within AXIS S30 Device

Step 1: Add Device via ONVIF Auto Discovery

1. Open the RTSP Recorder app
2. Select Add Device – ONVIF Auto Discovery
3. Select the camera from the discovery list



4. At the bottom of the page enter the Device user name and password
 - *This information is based on the dedicated ONVIF / RTSP user created on the camera*

A screenshot of the input fields for 'Device User Name' and 'Device Password'. Both fields are empty text boxes. Below them is a large blue button labeled 'Add Device'.

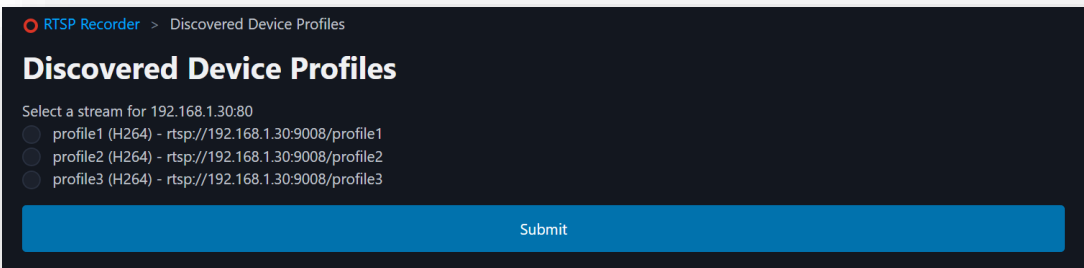
5. Click Add Device

The following steps are to be completed within AXIS S30 Device

Step 2: Select Discovered RTSP Profile

After authentication, the ACAP will display Discovered Device Profiles retrieved via ONVIF.

1. Select the appropriate RTSP stream (Usually profile 1)
 - Must match the stream configured on the camera (codec, resolution, bitrate). Example: profile1 (H264) – rtsp://<ip>:<port>/profile1



The screenshot shows a web interface for 'RTSP Recorder' with the title 'Discovered Device Profiles'. It prompts the user to 'Select a stream for 192.168.1.30:80'. Three radio button options are listed: 'profile1 (H264) - rtsp://192.168.1.30:9008/profile1', 'profile2 (H264) - rtsp://192.168.1.30:9008/profile2', and 'profile3 (H264) - rtsp://192.168.1.30:9008/profile3'. A blue 'Submit' button is at the bottom right.

2. Click Submit

The following steps are to be completed within AXIS S30 Device

Step 3: Complete Device Configuration

1. The ACAP will auto-populate some fields. Manually **verify and populate** the rest.

MAC Address	Enter device MAC address
Manufacturer	Speco
Model	e.g., O4VT2
Username	Based on local user created
Password	Based on local user created
IP Address	Enter device IP address
RTSP Path	Auto-populated from ONVIF
ChannelID	Must be unique per device

2. Confirm the Username and Password is set to the **RTSP streaming user** created in the device.

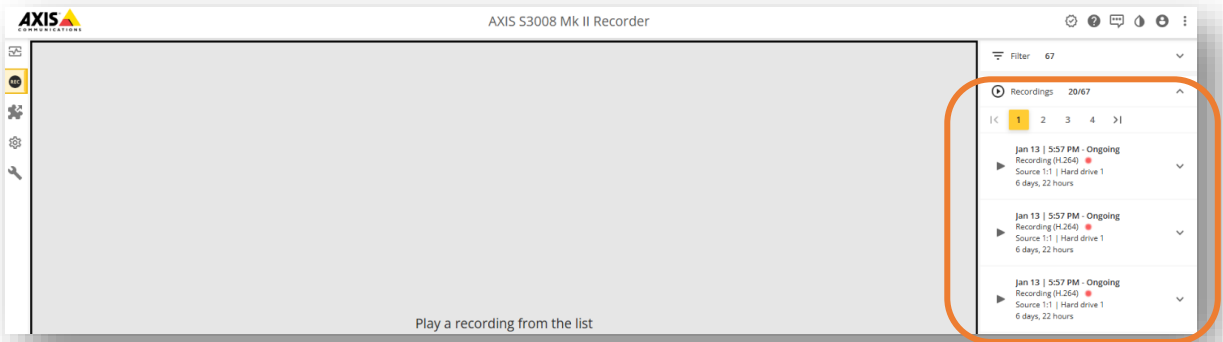
The screenshot shows the 'Device From AutoDiscovery' configuration page in the RTSP Recorder application. The page has a dark theme. At the top, there's a breadcrumb 'RTSP Recorder > Device From AutoDiscovery'. Below the title, there are several input fields for configuration: 'MAC Address' (value: fillMeOut), 'Manufacturer' (value: DW), 'Model' (value: DWC-VSTB04Bi), 'User Name' (value: admin), 'Password' (value: useTheMostComplexPasswordTheDeviceAllows), 'IP Address' (value: 192.168.1.32), 'RTSP Path' (value: 192.168.1.32:554/profile1), and 'ChannelID' (value: 1, shown in a dropdown menu). A blue 'Save' button is located at the bottom left of the form.

3. Click **Save**

The following steps are to be completed within AXIS S30 Device

Step 4: Verify Recording Operation

1. Navigate to the **Recordings** section along the left menu
2. Confirm the following:
 - Channel appears along the right side of the screen
 - Recording status is Ongoing
 - Codec matches expected stream
3. Playback the recording to validate continuity.



Step 5: Enroll the S30 into YourSixOS

Once the streams are verified on the S30, the device can be added to YourSixOS for viewing in the Matrix. **Do not enroll the S30 appliance in YourSixOS until all camera streams have been added and verified within the appliance.** Enrollment of the S30 follows the same process used for adding any other device in YourSix.

Documentation: <https://docs.yoursix.com/administration/integrator/device>

Hanwha

Overview

Device: Hanwha Cameras

Important Notes

- ONVIF is used for discovery and RTSP URL negotiation
- Continuous recording is performed via RTSP
- Disable dynamic / adaptive encoding features
- Use fixed, predictable streams

Required Camera Settings

- Dedicated ONVIF / RTSP user created
- ONVIF enabled with WS-Discovery
- Fixed GOP, fixed bitrate, fixed framerate
- Smart Codec / Dynamic GOP disabled
- RTSP validated

Configuration steps

Camera Configuration

1. Configure Profile
2. Configure Port
3. Configure ONVIF User
4. Configure the Authentication

Axis S3008 / S3016 RTSP Recorder ACAP Configuration

1. Add Device via ONVIF Auto Discovery
2. Select Discovered RTSP Profile
3. Complete Device Configuration
4. Verify Recording Operation
5. Enroll S30 into YourSixOS



Hanwha
Part 1

Camera Configuration

The following steps are to be completed within the camera interface

Step 1: Configure Profile

1. Navigate to: Settings → Basic → Video profile
2. Configure the stream to the following settings

Video profile

Video profile

Add Delete

	Name	Codec	Type
☐	MJPEG	MJPEG	Record / Event
☒	H.264	H.264	Default
☐	H.265	H.265	

Name: H.264

Codec: H.264

Profile type

☒ Default profile

☐ Edge recording profile

☐ Frame Lock profile

Profile properties

Resolution: 2560 X 1440 (16:9)

Frame rate: 15 fps

Maximum bitrate: 5120 kbps (10 ~ 12288)

Advanced

Bitrate control: VBR

Encoding priority: Frame rate

GOV length: 30 (1 ~ 120)

Profile: Main

Entropy coding: CABAC

Smart codec: Disable

Dynamic GOV

☐ Enable

120 (30 ~ 240)

Dynamic FPS

☐ Enable

Minimum FPS: 1 (1 ~ 15)

Multicast

Multicast (RTSP) ☐ Enable

IP address:

Port: 0

TTL: 5

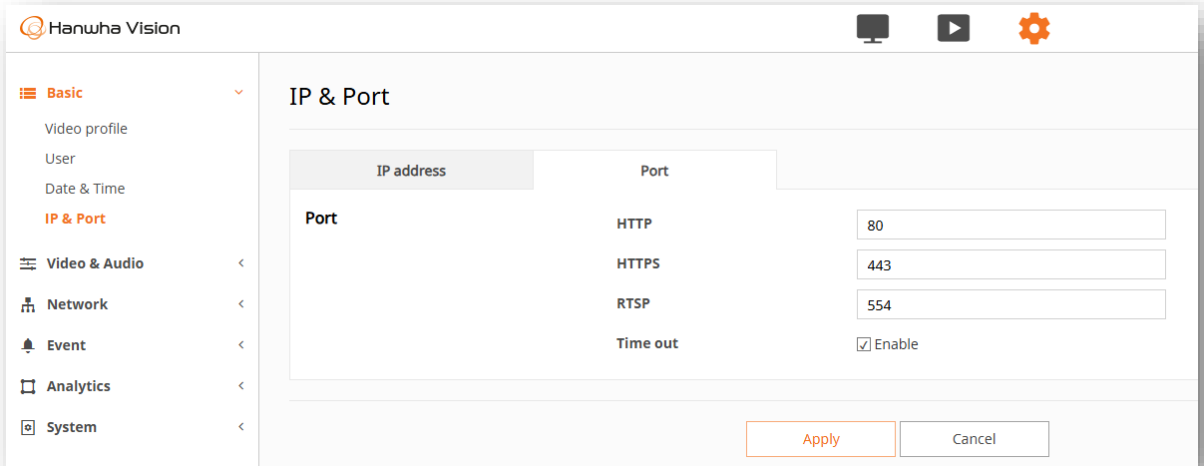
- Frame rate ~15fps is generally recommended
- I-Frame interval can generally be 2x fps
- Set profile to Main Profile

3. Click **Apply**

The following steps are to be completed within the camera interface

Step 2: Configure Port

1. Navigate to: Settings → Basic → IP & Port
2. Confirm the Port setting are as follows:



The screenshot shows the Hanwha Vision web interface. On the left is a sidebar menu with options: Basic (selected), Video profile, User, Date & Time, IP & Port (highlighted in orange), Video & Audio, Network, Event, Analytics, and System. The main area is titled 'IP & Port' and contains a table with two tabs: 'IP address' and 'Port'. The 'Port' tab is active, showing a table with columns 'Port' and 'Time out'. The table has three rows: HTTP with port 80, HTTPS with port 443, and RTSP with port 554. Below the table is a checkbox labeled 'Enable' which is checked. At the bottom right of the main area are two buttons: 'Apply' (highlighted in orange) and 'Cancel'.

Port	Time out
80	
443	
554	

☒ Enable

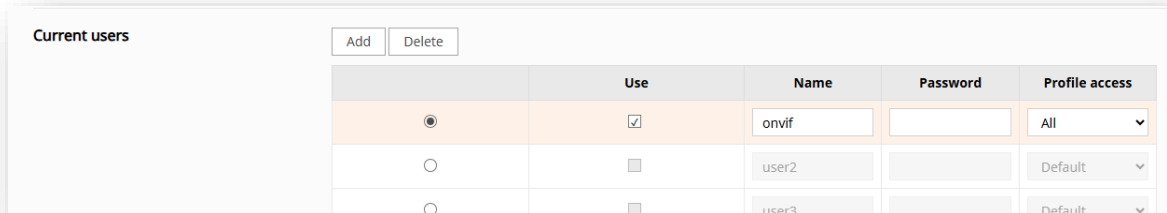
Apply Cancel

3. Click Apply

The following steps are to be completed within the camera interface

Step 3: Configure ONVIF User

1. Navigate to: Settings → Basic → User
2. Under current users, add a user



Current users

Add Delete

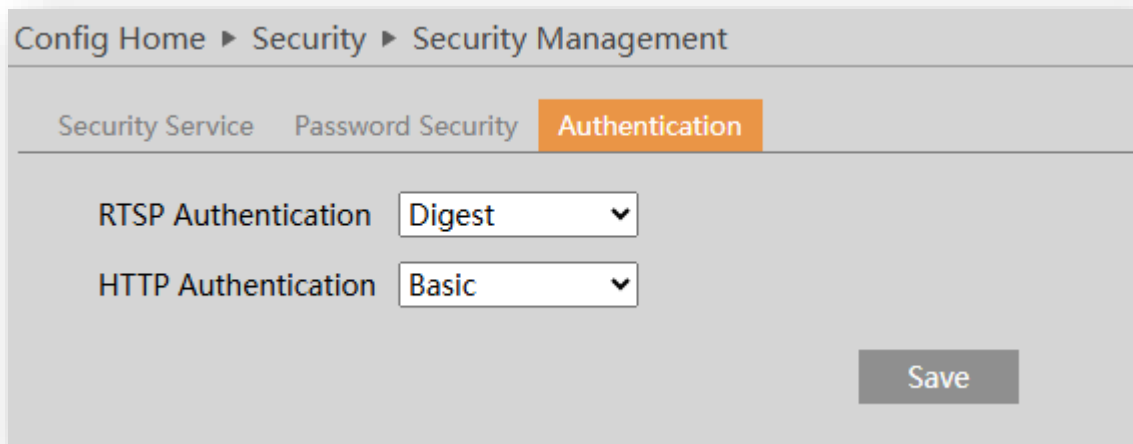
	Use	Name	Password	Profile access
☒	☒	onvif		All
☐	☐	user2		Default
☐	☐	user3		Default

3. Select **Apply** at the bottom of the screen

The following steps are to be completed within the camera interface

Step 4: Configure the Authentication

1. Navigate to: Settings→ Network → HTTPS
 1. HTTPS settings
2. Navigate to: Settings→ Basic → User
 1. Authentication setup



The screenshot shows a web-based configuration interface for a camera. At the top, there is a breadcrumb trail: "Config Home ► Security ► Security Management". Below this, there are three tabs: "Security Service", "Password Security", and "Authentication". The "Authentication" tab is currently selected and highlighted with an orange background. The main content area contains two rows of configuration options. The first row is "RTSP Authentication" with a dropdown menu set to "Digest". The second row is "HTTP Authentication" with a dropdown menu set to "Basic". In the bottom right corner of the configuration area, there is a grey "Save" button.

Config Home ► Security ► Security Management		
Security Service	Password Security	Authentication
RTSP Authentication	Digest ▼	
HTTP Authentication	Basic ▼	
Save		

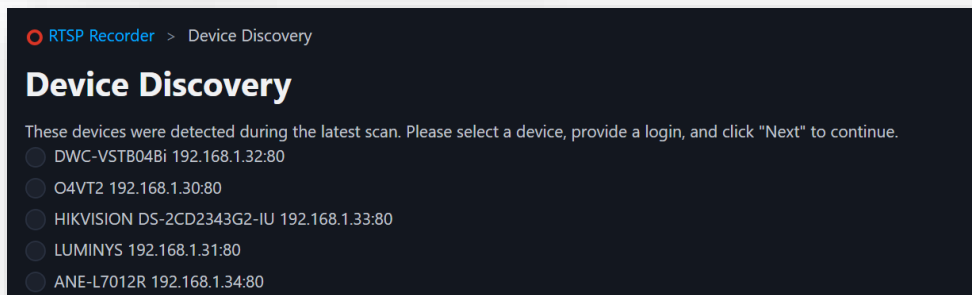
Hanwha
Part 2

Axis S3008 / S3016 RTSP Recorder ACAP Configuration

The following steps are to be completed within AXIS S30 Device

Step 1: Add Device via ONVIF Auto Discovery

1. Open the RTSP Recorder app
2. Select Add Device – ONVIF Auto Discovery
3. Select the camera from the discovery list



4. At the bottom of the page enter the Device user name and password
 - *This information is based on the dedicated ONVIF / RTSP user created on the camera*

A screenshot of the input fields for 'Device User Name' and 'Device Password'. Both fields are empty text boxes. Below them is a large blue button labeled 'Add Device'.

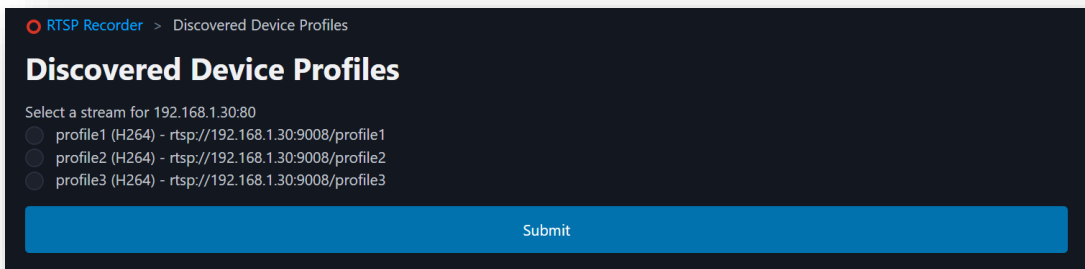
5. Click Add Device

The following steps are to be completed within AXIS S30 Device

Step 2: Select Discovered RTSP Profile

After authentication, the ACAP will display Discovered Device Profiles retrieved via ONVIF.

1. Select the appropriate **stream**
 - Must match the stream configured on the camera (codec, resolution, bitrate). Example: profile1 (H264) – rtsp://<ip>:<port>/profile1



2. Click **Submit**

The following steps are to be completed within AXIS S30 Device

Step 3: Complete Device Configuration

1. The ACAP will auto-populate some fields. Manually **verify and populate** the rest.

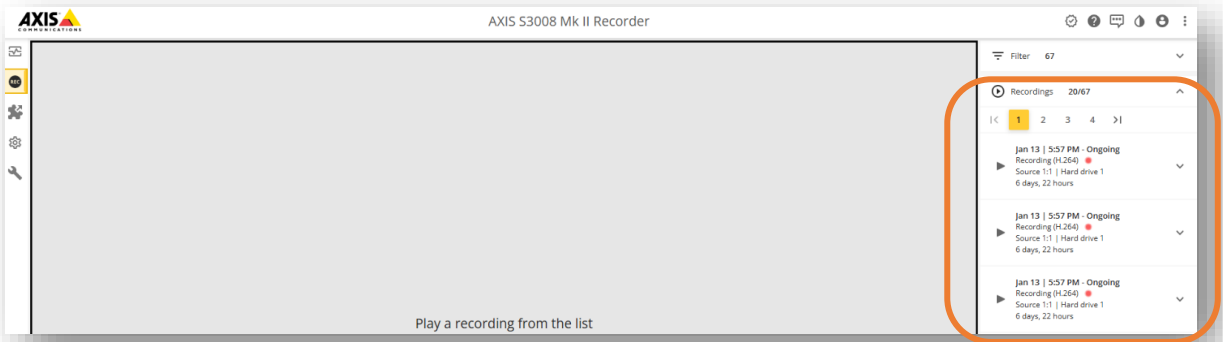
MAC Address	Enter device MAC address
Manufacturer	Hanwha
Model	e.g., ANE-L70212
Username	Based on local user created
Password	Based on local user created
IP Address	Enter device IP address
RTSP Path	Auto-populated from ONVIF
ChannelID	Must be unique per device

2. Confirm the Username and Password is set to the **streaming user** created in the device.
3. Click **Save**

The following steps are to be completed within AXIS S30 Device

Step 4: Verify Recording Operation

1. Navigate to the **Recordings** section along the left menu
2. Confirm the following:
 - Channel appears along the right side of the screen
 - Recording status is Ongoing
 - Codec matches expected stream
3. Playback the recording to validate continuity.



Step 5: Enroll the S30 into YourSixOS

Once the streams are verified on the S30, the device can be added to YourSixOS for viewing in the Matrix. **Do not enroll the S30 appliance in YourSixOS until all camera streams have been added and verified within the appliance.** Enrollment of the S30 follows the same process used for adding any other device in YourSix.

Documentation: <https://docs.yoursix.com/administration/integrator/device>

Additional Topics

The following steps are to be completed within AXIS S30 Device

Troubleshooting

If recordings do not appear within ~60 seconds:

- Recheck credentials
- Verify RTSP path
- Confirm camera stream is stable and reachable

If issues persist, validate the following:

Camera

- ONVIF enabled with WS-Discovery
- Dedicated ONVIF / RTSP user
- Dynamic GOP / Smart Codec disabled
- Fixed bitrate and frame rate

Axis RTSP Recorder ACAP

- Root-privileged apps enabled during install
- Device added via ONVIF auto discovery
- Correct RTSP profile selected
- Unique ChannelID assigned
- Recording visible and active

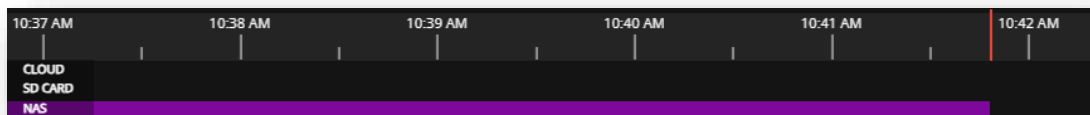
Health Notifications

After the S30 has been enrolled in YourSixOS, create device health notifications to receive alerts if issues occur. This includes device disconnect and connect notifications.

Documentation: <https://docs.yoursix.com/administration/eventrules/notifications>

Video Playback and Streaming

After the S30 has been enrolled in YourSixOS, navigate to the Matrix and add streams for viewing. Video playback is available through the Matrix timeline, where S30 footage appears as a purple bar.



Documentation: <https://docs.yoursix.com/administration/eventrules/notifications>



Contact Y6

1.800.687.3014

helpdesk@yoursix.com
yoursix.com

About YourSix Inc.

YourSix is an award-winning Physical Security as a Service (PSaaS) provider. The Y6OS cloud platform leverages a unique convergence of surveillance, access control, audio, sensors, artificial intelligence, and monitoring to deliver a singular operational intelligence and physical security solution. YourSix's commitment to innovation continues to transform the industry through its open standards-based framework, robust cybersecurity protocols, and ongoing advancements powered by machine learning/artificial intelligence. YourSix was founded in 2015 and headquartered in St. Paul, Minnesota.