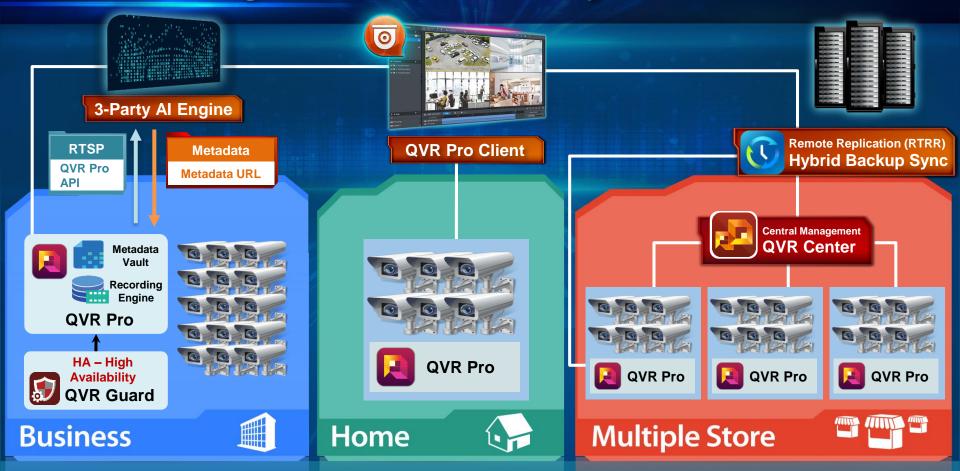




A professional surveillance solution from QNAP

QVR Pro Solution

The next-gen surveillance system - QVR Pro



Recording search: then and now







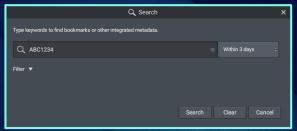
Knew the location





Then: To search the recording, time and place are prerequisites

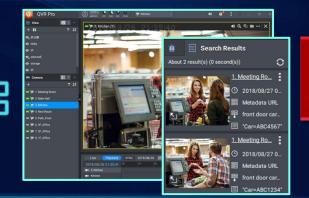
Knew the time



Know the keyword



Approximate time frame



Now: Event driven recording search



QVR Pro solves difficulties for 3rd-party developers

Third-party developers not only have to focus on the video analysis algorithms but also develop the surveillance storage software and client. Otherwise, it is hard to prove the practical value of analysis

algorithms.



Data type

Recording



Playback of Client

API Integration

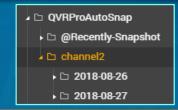
QVR Pro

Features

Streaming Output API



Snapshots



File Station

Samba / FTP



Text



Metadata Search

Metadata Vault API



Let QVR Pro take care of them



QVR Pro solves difficulties for 3rd-party developers

Due to the limited bandwidth and complexity of device deployment, the hardware appliances must be easy to manage, and can be installed at multiple locations to perform independent video analysis.





- Use myQNAPCloud and Q'center to monitor the heartbeat of multiple NAS instantly .
- Use Hybrid Backup Sync to backup important recordings to the central management system.
- Use Container Station or Virtualization Station to run third-party programs directly on the NAS, eliminating the need to upload the video to the cloud for analysis.



QNAP NAS is great for edge computing

QVR Pro solves difficulties for 3rd-party developers

No resource to integrate different brands of cameras. Your software can only be based on the chosen (limited) camera models.



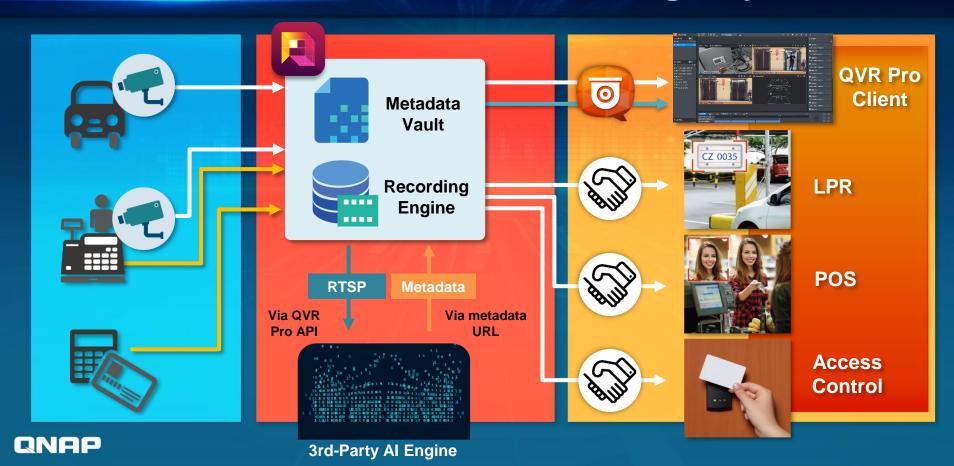
- QVR Pro is available with more than 200 brands and over 6,000 IP camera models.
- Support WebCam recording
- Developers only need to complete integrations with QVR Pro Streaming Output API for connecting with most major camera models.



QVR Pro saves the time and cost of camera stream integration



QVR Pro can search recordings by text



Agricultural scenarios



Analytical laboratory

QVR Pro in the greenhouse

Auto-snapshot regularly to record the growth curve of crop.

Detect illegal intrusions

Record the temperature





Manufacturing scenarios



QVR Pro in the factory

Record the process of components and part numbers

Record technician's name

Playback the recordings

When the component is faulty and the production process needs to be traced, you just need to:

- 1. Enter the part number.
- 2. Playback the production recordings.
- 3. Clarify the root cause.





Retail scenarios



When a consumer dispute occurs (for example, change, goods damaged), you just need to:

- 1. Enter the invoice number.
- 2. Playback the past recordings.
- 3. Clarify the problem situation.

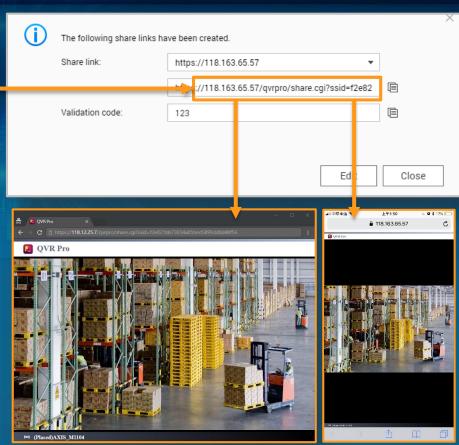


Playback the recordings



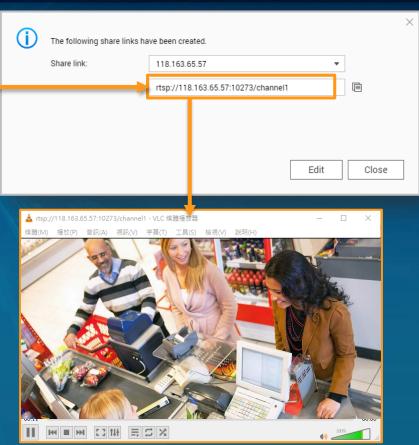
Share the live view via HTTP, and watch it with your web browser



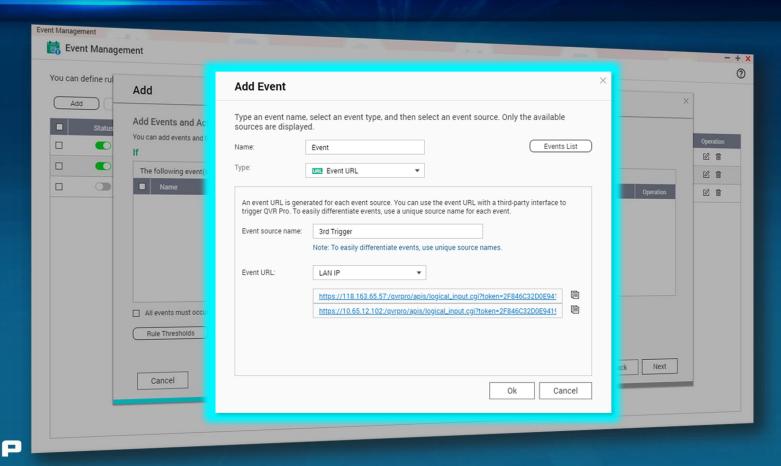


Share the live view via RTSP, and watch it with your VLC software

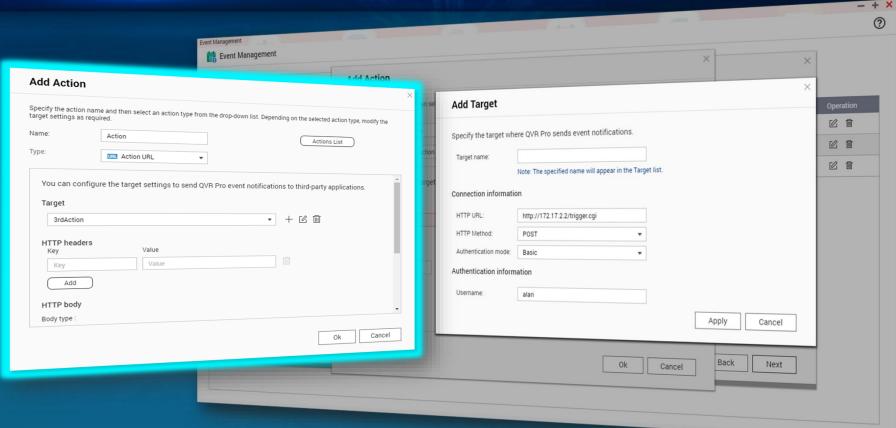




Use 3rd-party event URLs to trigger QVR Pro event rules.

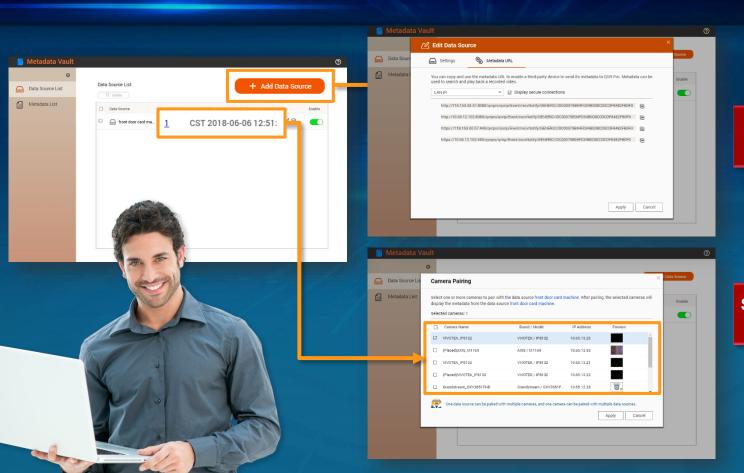


Use 3rd-party action URLs to trigger actions





Use Metadata URL to send data to QVR Pro



Add data source to get the Metadata URL

Select the cameras to pair with the data source.

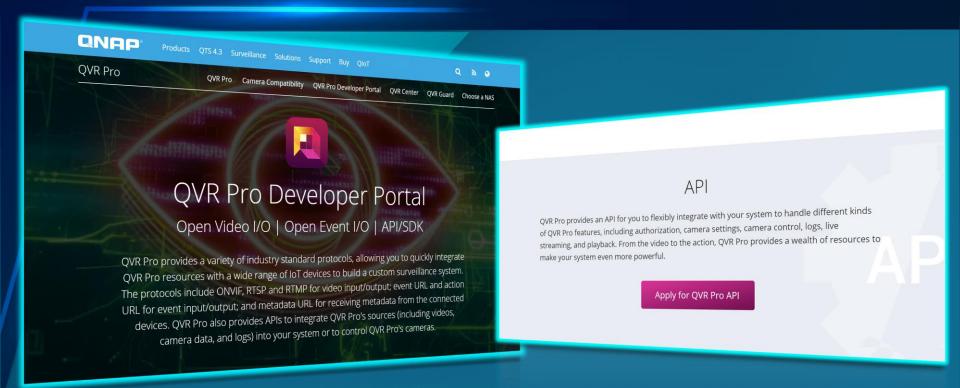


QVR Pro SDK / API

	Used for API
QVR Pro SDK	 Change the settings of QVR Pro User authentication Camera settings Settings on the server side
Streaming Output API	Users can get live streaming easily, such as, RTSP, RTMP and HLS.
Metadata Vault API	Users can send the text data to QVR Pro and pair with the camera at any time. Then retrieve relevant recordings in QVR Pro Client later.



How to get QVR Pro SDK / API



- 1. Go to https://www.qnap.com/solution/qvrpro-developer/
- 2. Click "Apply for QVR Pro API"
- 3. Receive API document in your mail box.



