

FIRMWARE RELEASE ANNOUNCEMENT (FRA)

Announcement ID: FRA-2026-03-NVR

Release Date: March 2026

Product Category: NVR

Ossia NVR v1.4.13 (supported models at the end)

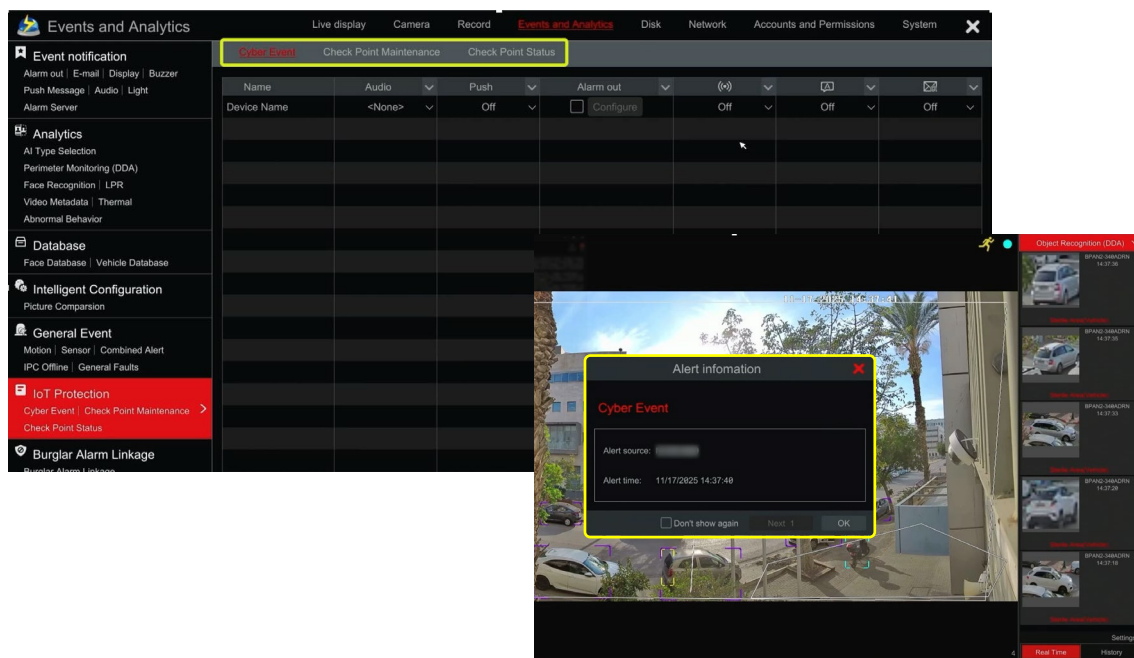
LIST OF IMPROVEMENTS:

1) NEW: CYBER EVENT NOTIFICATIONS

FW v1.4.13 adds **real-time notifications for security-related events** detected by Check Point's embedded protection system.

You'll be instantly alerted to **hacking attempts**, protection status changes, and system maintenance events, allowing immediate response to potential threats or disruptions and enabling quick action.

Notifications can be sent via **push (available from Cam2 App FW v1.17)**, email, audio alert, alarm output, or on-screen message, helping **keep your NVR and network secure**.

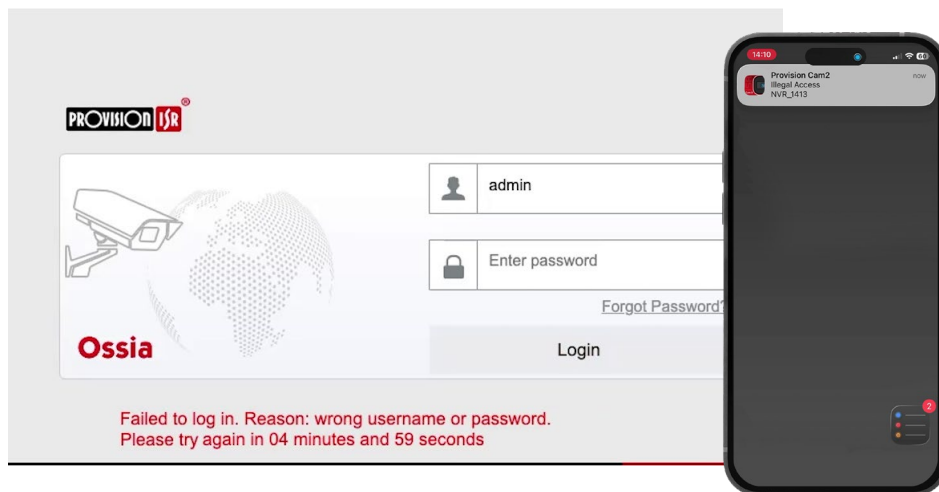


[Watch the Video](#)

2) NEW: ILLEGAL ACCESS

NVR firmware v1.4.13 now **sends push notifications** when an **illegal access event** occurs. After five failed login attempts, the **system triggers a lockout**, and you will now receive an alert when this happens.

This behavior already existed, but you can now **receive alerts directly on your phone through the Cam2 app**, helping you react quickly to suspicious activity.

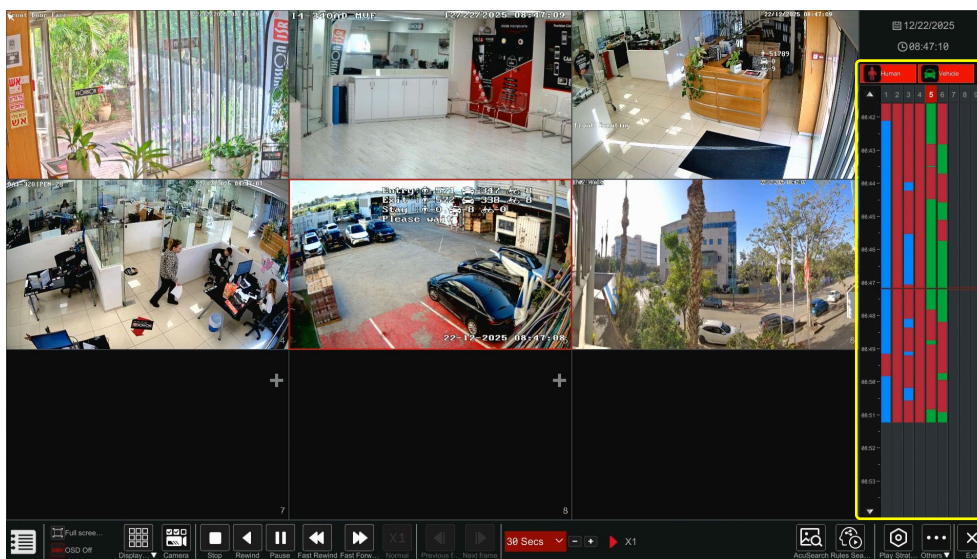


[Watch the Video](#)

3) IMPROVED: SIMPLIFIED PLAYBACK

Playback now includes a simplified default timeline with **clear, color-coded event markers**. **People are shown in red, vehicles in green, and all other events in blue**, making it easier to locate relevant footage at a glance.

The new interface improves event-focused review while still allowing access to the **previous UI** for users who prefer the classic layout.



[Watch the Video](#)

4) NEW: DDA SEARCH

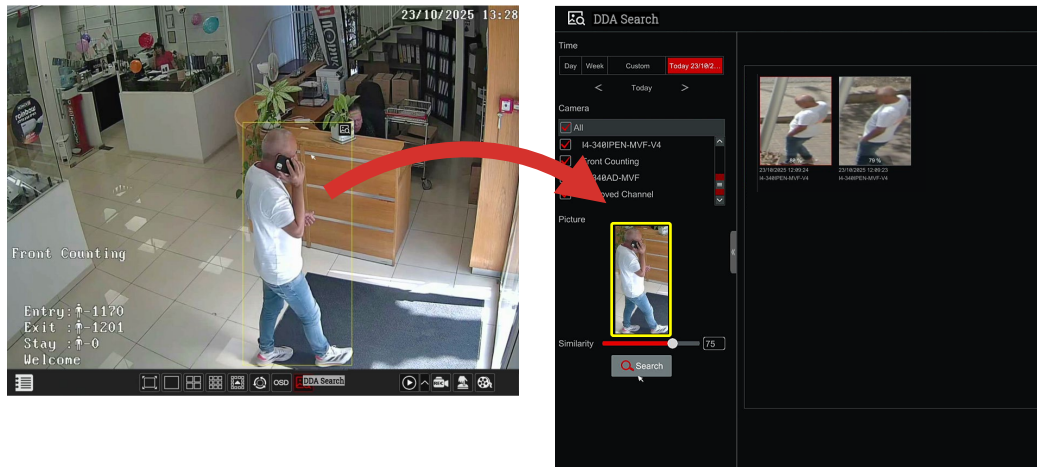
Introduces a new, faster way to **locate individuals** across your system.

Select a person in live view or playback, and the NVR will **automatically search across connected cameras to find matching appearances** – no need to define attributes or perform manual filtering.

This enables fast, targeted video search, significantly reducing investigation time.

* Available on NVRs running firmware v1.4.13 with Picture Comparison enabled, and IPCs with FW v5.1.2 or higher with metadata enabled.

** DDA Search is introduced as an initial version and will continue to evolve with improved accuracy and performance in future updates.

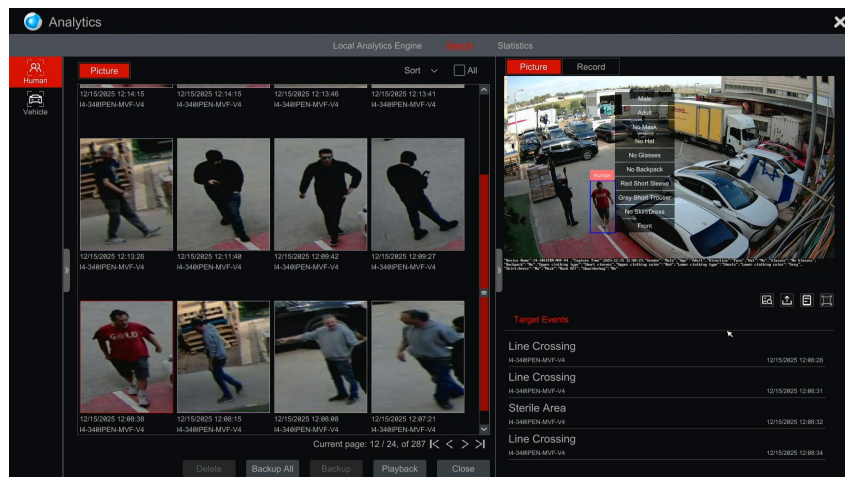


Watch the Video

5) IMPROVED: ANALYTICS SEARCH

The Analytics Search engine has been redesigned for a simpler and more efficient experience. Search is now divided into **two main categories, Humans and Vehicles**, making it faster to locate relevant events. Within each category, you can search all **detection events, apply metadata filters** such as clothing, color, or vehicle type, and run advanced searches including **Face Recognition** and **DDA Search**.

Additional improvements include clearer event previews, **grouped results to reduce duplication**, and enhanced playback controls directly from the search interface.

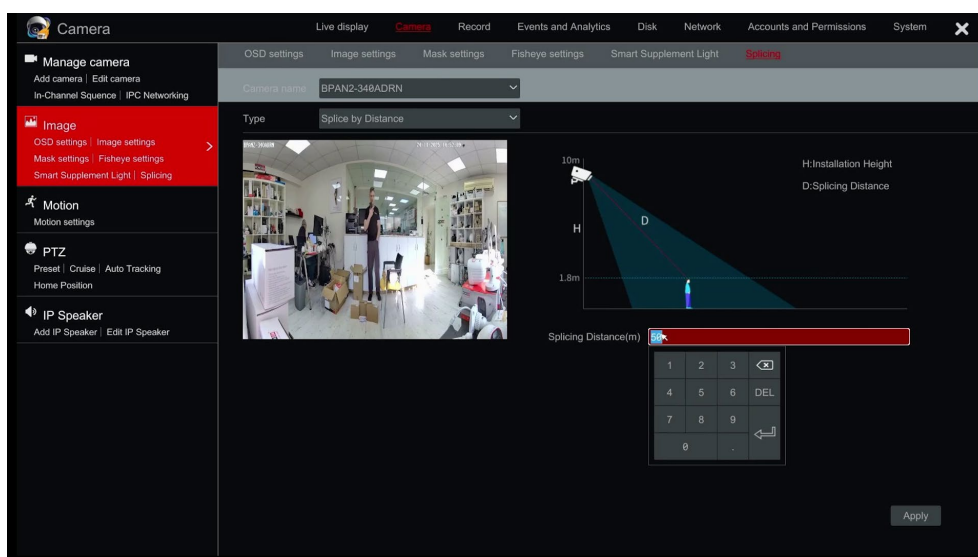


Watch the Video

6) NEW: PANORAMIC SPLICING CONTROL

Panoramic splicing can now be **adjusted directly from the NVR**, allowing installers to **correct stitching distortion** without accessing the camera itself.

By adjusting the splicing distance from the NVR, you can achieve a smooth and seamless panoramic view that better matches the actual scene.



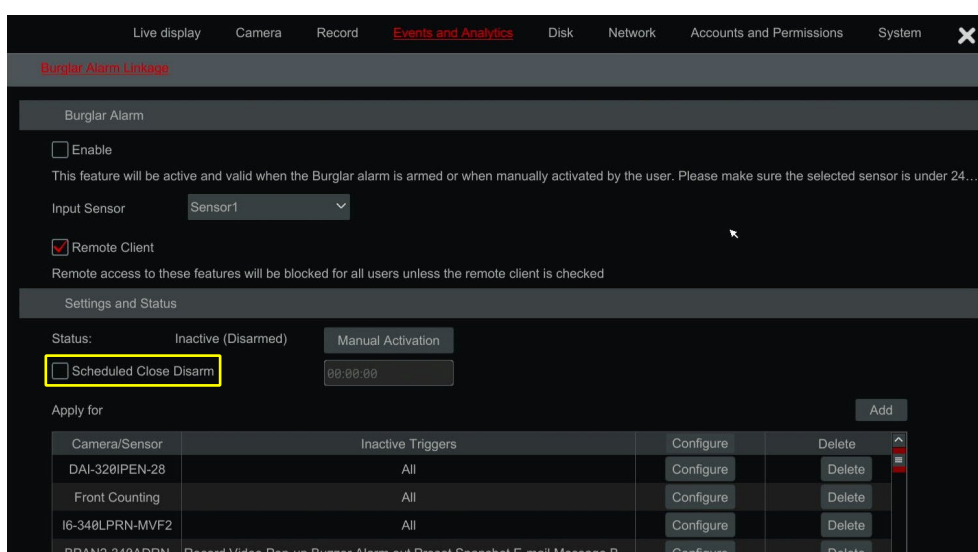
[Watch the Video](#)

7) IMPROVED: BURGLAR ALARM AUTO-ARM

The burglar alarm feature now includes scheduled arming.

You can set the NVR to **arm itself automatically at a specific time**, ensuring notifications are enabled after hours without any manual action.

By doing so, the chance of human error is minimized, and **motion and AI triggers remain active** exactly when needed for reliable, automated protection.

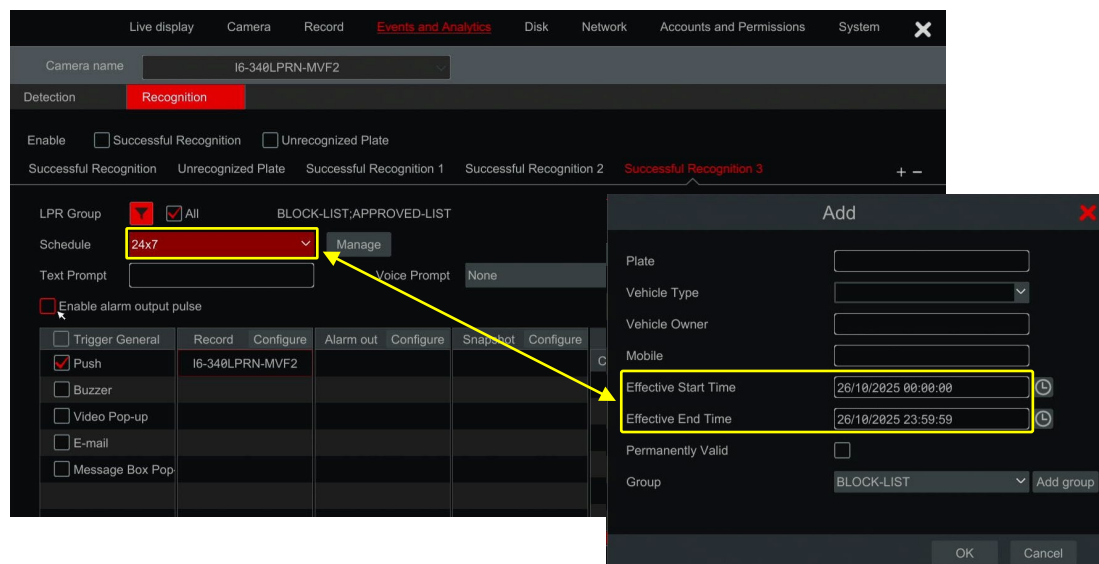


[Watch the Video](#)

8) IMPROVED: LICENSE PLATE MANAGEMENT

License plate management now supports **individual time control**. Instead of applying a single schedule to an entire group, each license plate can now have its **own effective start and end times**.

The system now checks **both the Successful Recognition Parameter and the individual plate's valid time window** before triggering any action, giving you more precise access rules for employees, deliveries, and visitors.

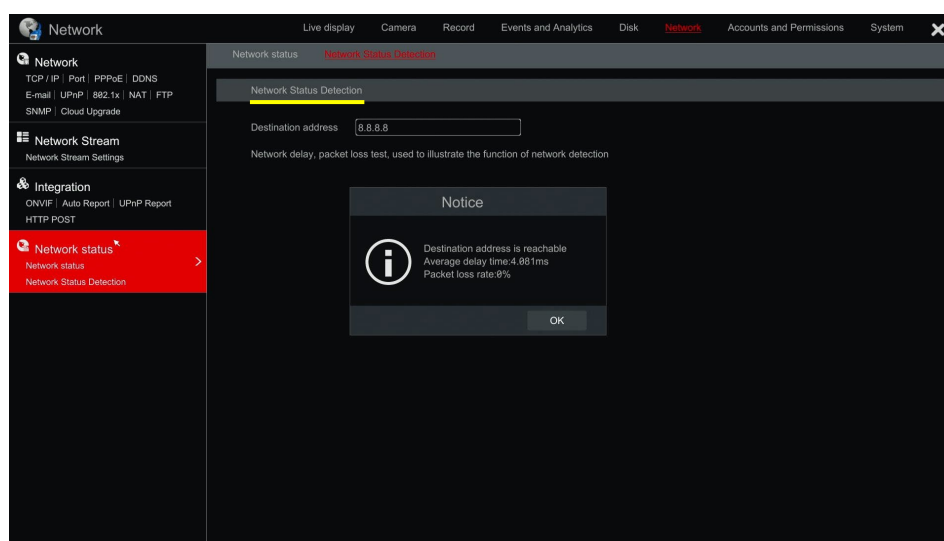


[Watch the Video](#)

9) NEW: BUILT-IN PING TOOL

A new ping tool is now available in the NVR local and web interface for firmware version 1.4.13 and above. This tool lets you **run quick network tests** directly from the NVR, including ping tests, DNS checks, and connectivity tests **for P2P, DDNS, and cloud services**.

This feature accelerates troubleshooting and eliminates the need for a laptop during on-site installations or maintenance.

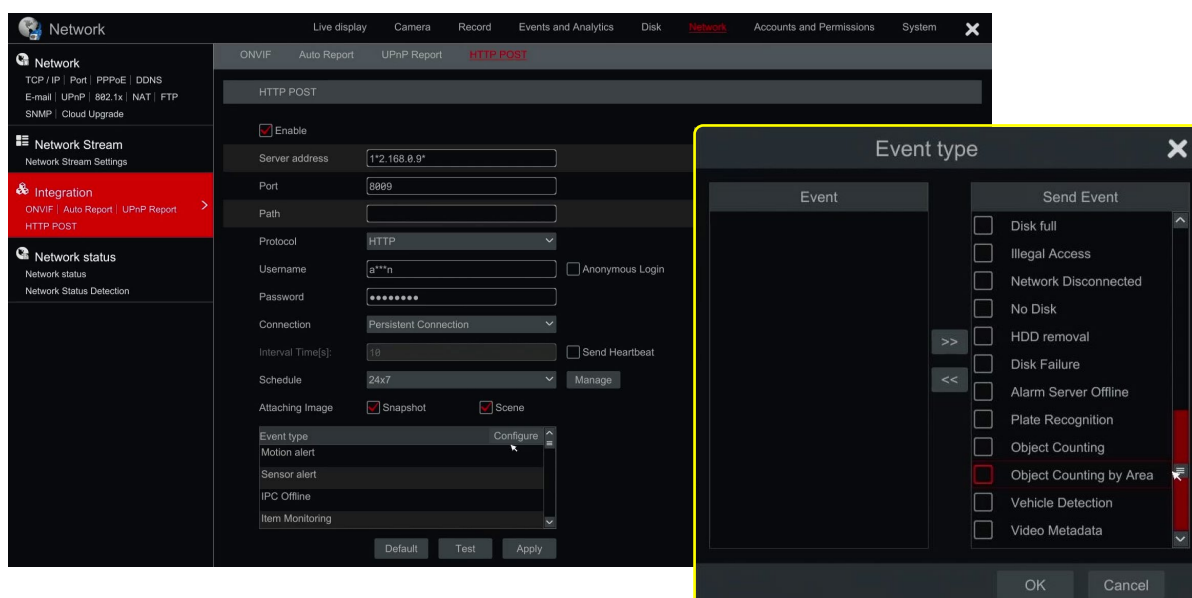


[Watch the Video](#)

10) NEW: HTTP POST SUPPORT

Previously, HTTP POST configuration had to be set up on each camera individually; v1.4.13 allows third-party systems to **receive events directly from the NVR**.

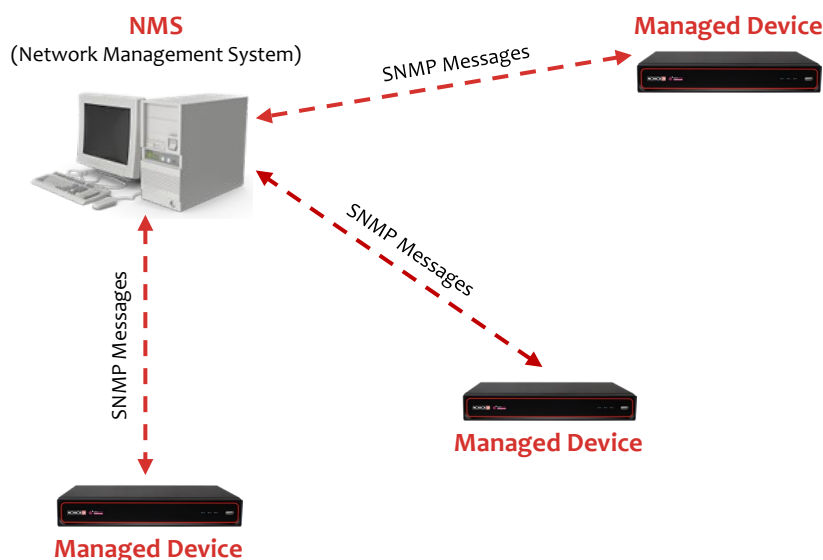
One centralized configuration on the NVR can handle events across the entire system, **simplifying integration, reducing setup time**, and providing complete control over which event types are sent.



11) IMPROVED: SNMPV3 SUPPORT

NVRs now support SNMPv3, offering more **secure communication with smart switches and network monitoring systems**.

This upgrade introduces authentication, encryption, and data integrity, replacing the previous SNMPv2 support and improving overall system security and reliability.



12) IMPROVED: IP SPEAKER CONTROL

IP speaker **volume and scheduling** can now be **configured directly from the NVR** interface. This update enables centralized control and simplifies audio management, as these settings were previously accessible only through the speaker's web interface.

This update centralizes control and enhances the user experience across Provision-ISR's IP speaker range.

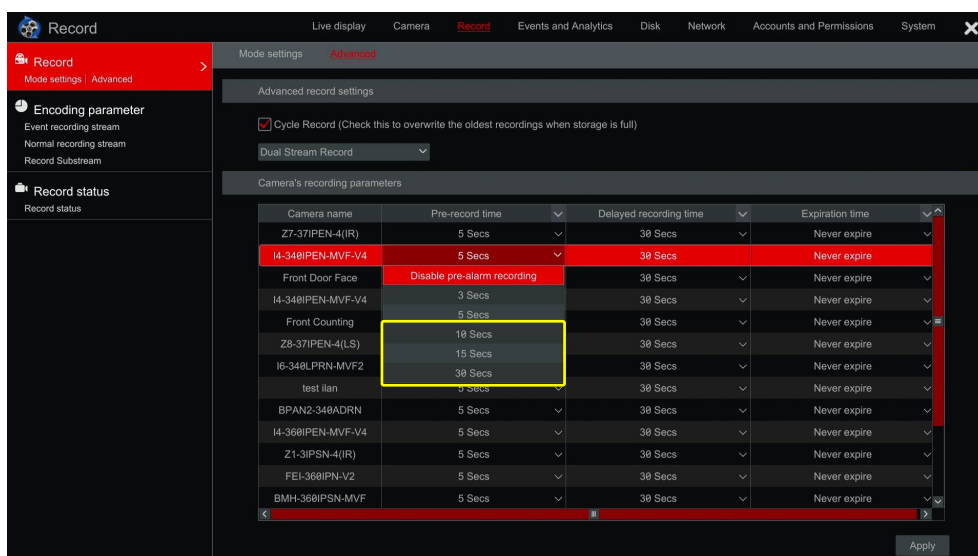


[Watch the Video](#)

13) IMPROVED: PRE-ALARM RECORDING

The pre-alarm recording buffer now includes **10, 15, and 30 seconds**, in addition to the existing 3 and 5 seconds. These extended options provide more context leading up to the event, making verification easier and enhancing the overall quality of recorded evidence.

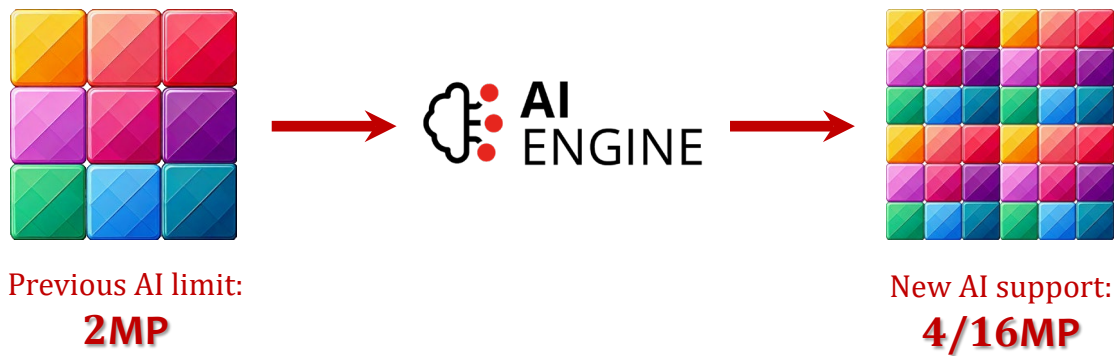
Note: The XN and PXN models continue to support **only 3 and 5 seconds**.



14) IMPROVED: AI ENGINE RESOLUTION LIMIT

Provision-ISR NVRs' built-in AI engine now works with **higher-resolution streams** from third-party or non-AI cameras. Instead of being restricted to 2MP, the system can process **4MP on 4–32 channel models** and up to **16MP on 64 and 128-channel NVRs**.

That means sharper detail, broader compatibility, and a smoother upgrade path for high-resolution projects.



SUPPORTED MODELS

Firmware v1.4.13 will be released in rolling phases.

Predicted Phase 1 Models	Predicted Phase 2 Models	
NVR5-4100XN(MM)	NVR8-4100PN-V2	NVR12-16400FAN(1U)
NVR5-4100PXN(MM)	NVR8-8200N-V2	NVR12-16400PFAN(1U)
NVR5-8200XN(MM)	NVR8-8200PN-V2	NVR12-32800FAN(1U)
NVR5-8200PXN(MM)	NVR8-16400AN(1U)-V2	NVR12-32800FN-16P(2U)
	NVR8-16400PN(1U)-V2	NVR12-32800RFAN(2U)
	NVR12-8200FAN	NVR16-641600RFAN(2U)
	NVR12-8200PFAN	NVR16-128RFAN(3U)

15) REVISION HISTORY

Version	Date	Description
1.0	March 2026	Initial release