

# **Turbo HD DVR V4.84.002build250922 Release Notes**

## **Reason of Upgrade**

Modify the product design, add new functions and optimize the user experience.

## **Main update**

### **1. All-channel analog channels support AcuSearch function**

- a. Supports full-channel analog channel AcuSearch function, the system disables this function by default;
- b. Supports the simultaneous use of Motion 2.0 and AcuSearch function, originally only the perimeter function and AcuSearch function could be used simultaneously.
- c. Device Model Range: 72HQ/HU/HT-M/XT、72HU-M/PXT

### **2. AcuSearch function integration with HCT platform**

- a. The AcuSearch function supports integration with the HCT platform.
- b. HCT Version: 6.10.0
- c. Device Model Range: 72HQ/HU/HT-M/XT、72HU-M/PXT

### **3. The number of support perimeter function have improved on Pro series**

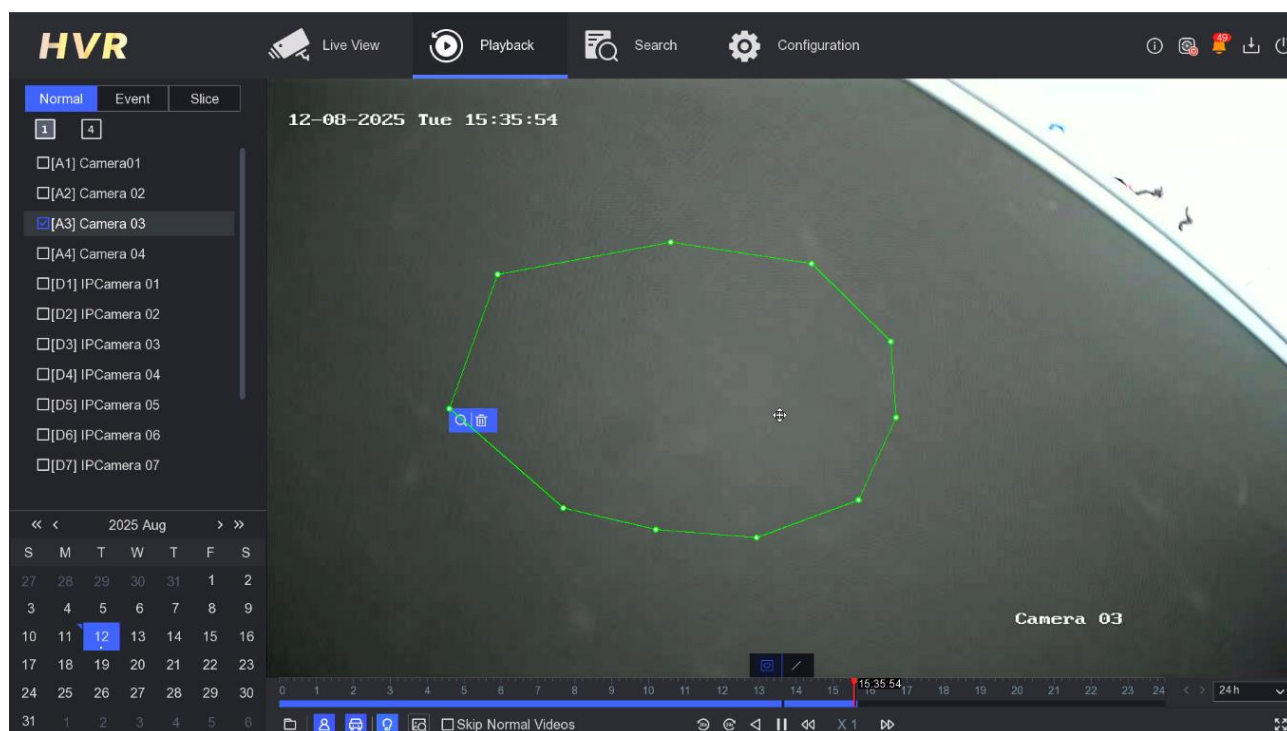
- a. From the original 8-ch to the current 16-ch
- b. Device Model Range: 7232HQB/16HUH-M/XT、7216HUH-M/PXT

### **4. Support two-way audio function with 2K camera**

- a. Support two-way audio function with 2K camera
- b. Device Model Range: 72HQ/HU/HT-M/XT、72HU-M/PXT、71/72HQ-M/T、72HU-M/T

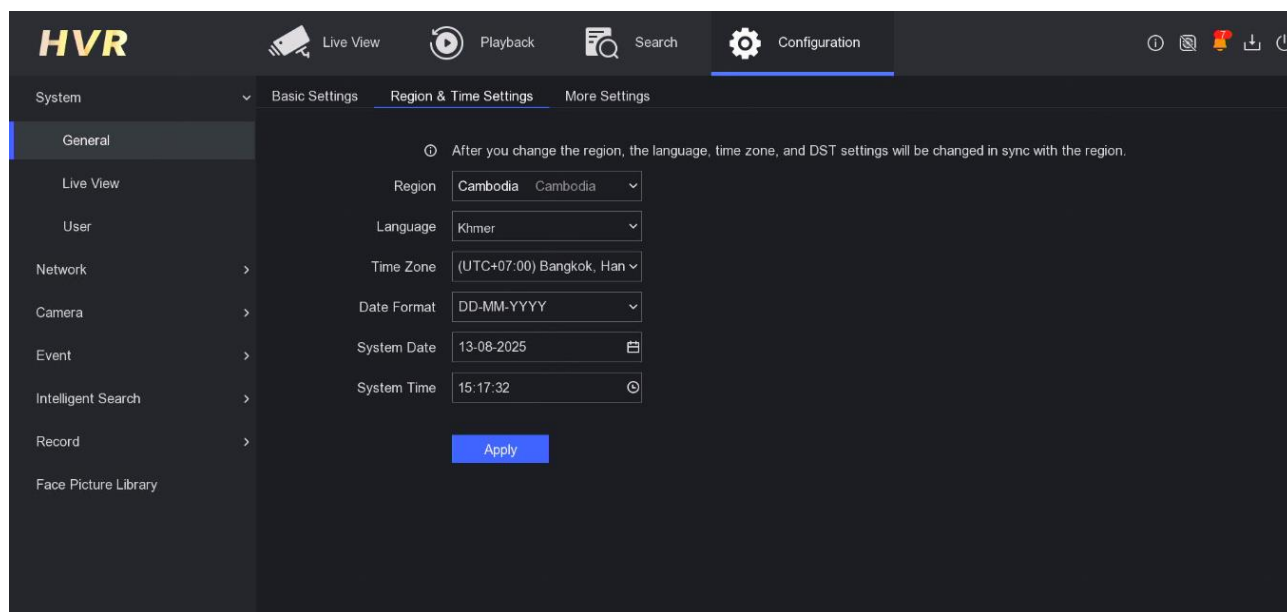
### **5. SmartSearch supports irregular regions with a maximum of 10 sides.**

- a. The SmartSearch function expands the rule box to a maximum supported decagon
- b. Device Model Range: 72HQ/HU/HT-M/XT、72HU-M/PXT



## 6. Supports Khmer language for the Cambodia region

- The local interface for Asian language packages supports Khmer in the Cambodia region
- Device Model Range: 72HQ/HU/HT-M/XT、72HU-M/PXT、71/72HQ-M/T、72HU-M/T、71HQ-M/S、72HQ-M/E



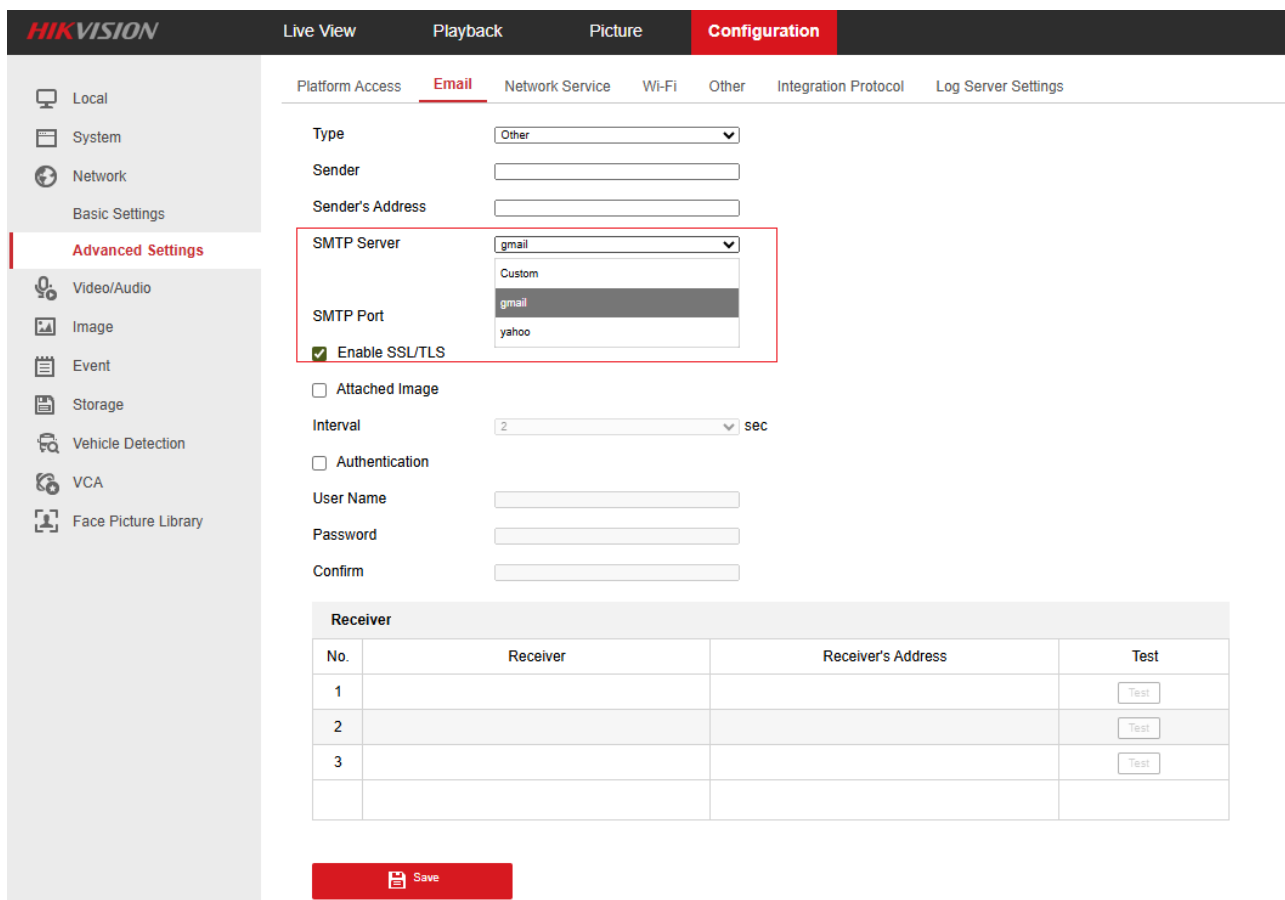
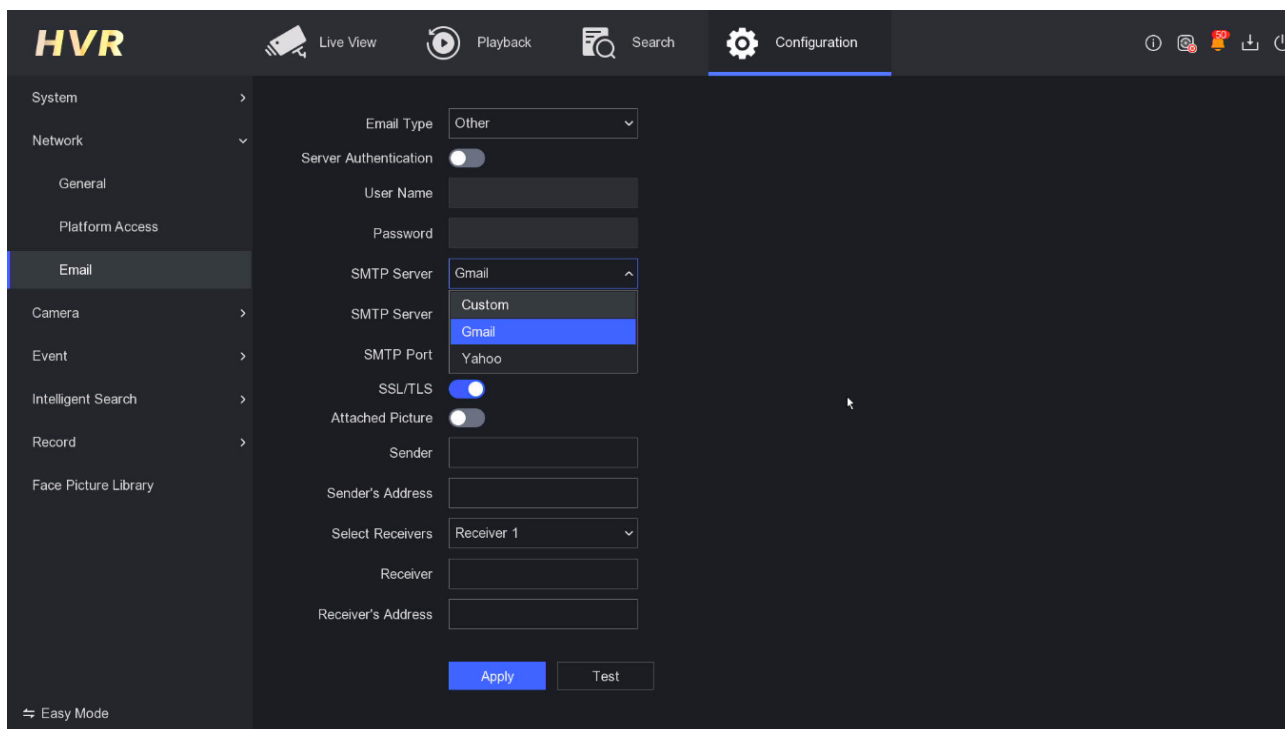
## 7. Email service address preset general mailbox

- The SMTP Server dropdown at the Email location presets Gmail and Yahoo email
- Select the preset email account to automatically associate SSL/TLS and port number configurations, email preset configuration:

Gmail port number: 587 Enable SSL/TLS

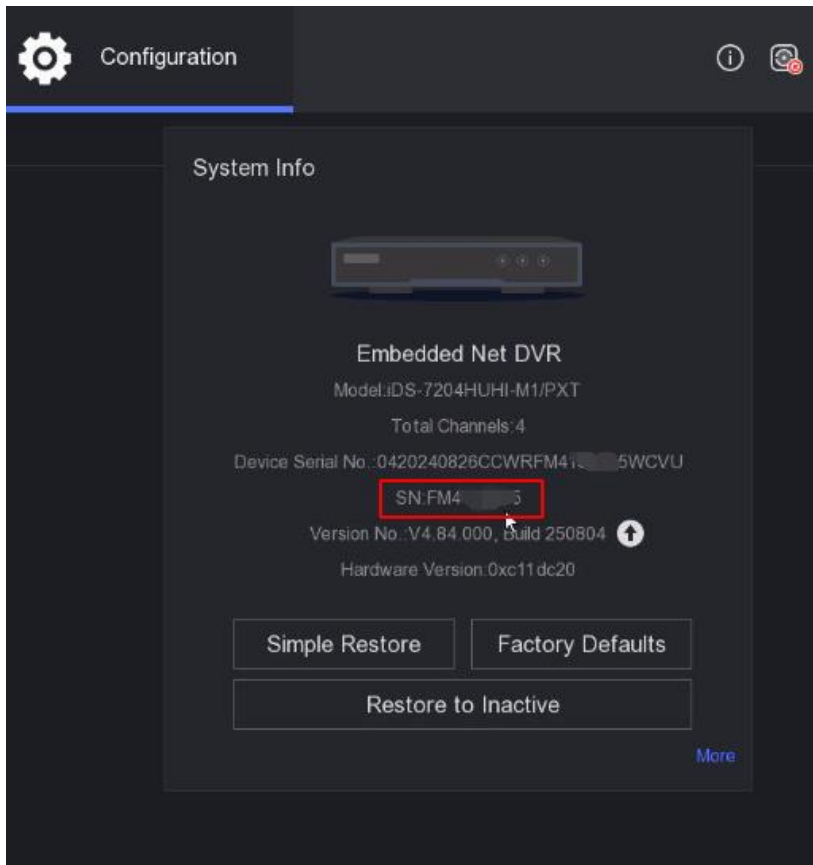
Yahoo port number: 587 Enable SSL/TLS

- c. Device Model Range: 72HQ/HU/HT-M/XT、72HU-M/PXT、71/72HQ-M/T、72HU-M/T、71HQ-M/S、72HQ-M/E



## 8. Add display of device short serial number in system information

- Add short serial number display in system information for WEB and local
- Device Model Range: 72HQ/HU/HT-M/XT、72HU-M/PXT、71/72HQ-M/T、72HU-M/T、71HQ-M/S、72HQ-M/E



Local

System

System Settings

Maintenance

Security

Camera Management

User Management

Network

Video/Audio

Image

Event

Storage

Vehicle Detection

VCA

Face Picture Library

Basic Information

Region & Time

RS-485

Menu Output

More Settings

About

Device Name

Embedded Net DVR

Device No.

255

Device Model

IDS-7204HUHI-M1 / PXT

Serial No.

IDS-7204HUHI-M1 / PXT0420240826CCWRFM41: 5WCVU

SN

FM4130\*\*\*

Firmware Version

V4.84.000 build 250804

Encoding Version

V5.0 build 250729

Hardware Version

0xc11dc20

Web Version

V4.0.1 build 250728

Plugin Version

4.0.2411.1

Number of Channels

4

Number of HDDs

1

Number of Alarm Input

0

Number of Alarm Output

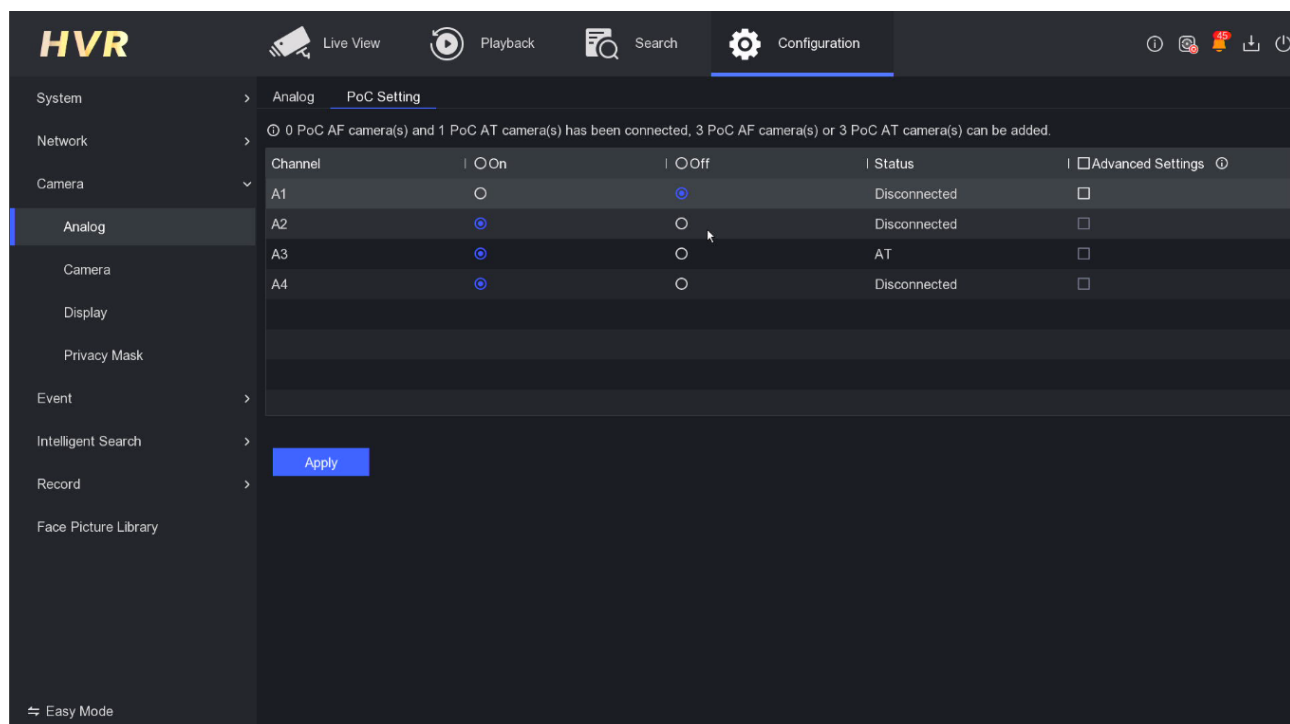
6

Save

## 9. New negative pressure configuration item added for POC model

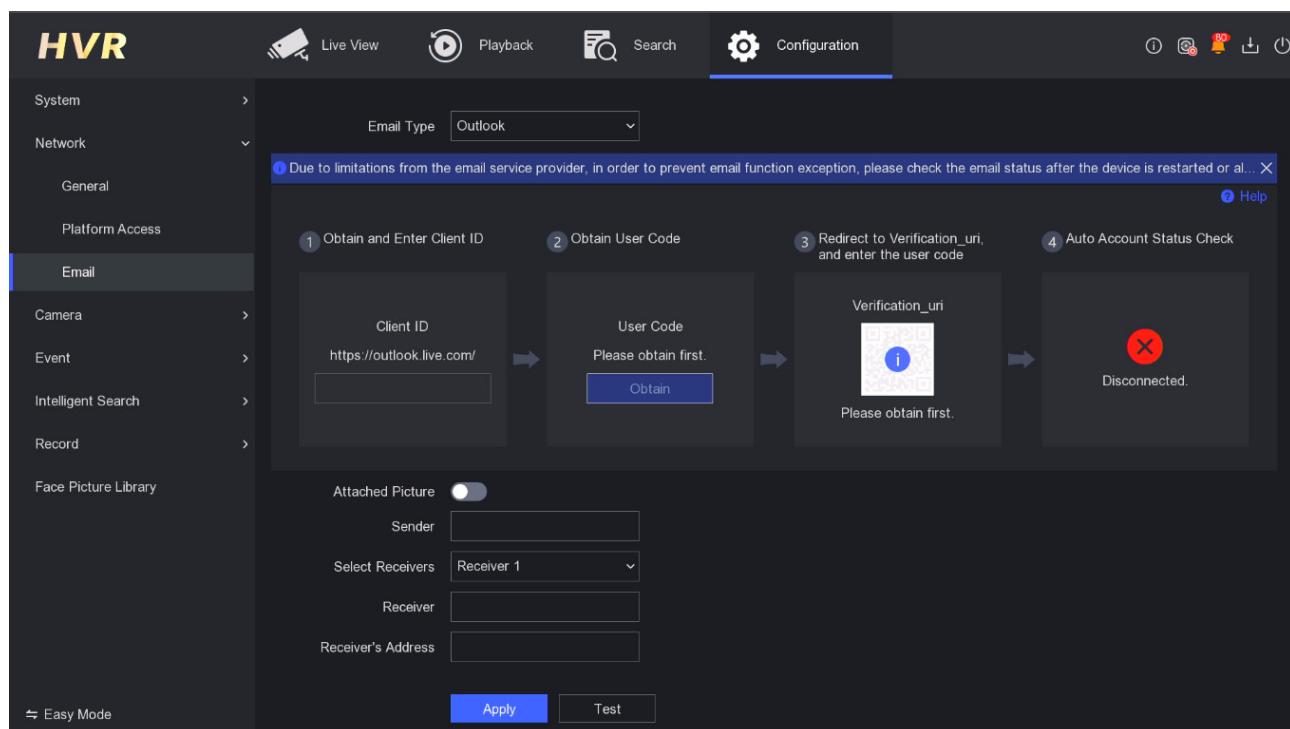
To resolve the issue of image distortion when POC models are used with AC-coupled cameras, a new negative pressure disable configuration has been added to the POC disable configuration interface. This configuration can only be enabled when PoC is disabled.

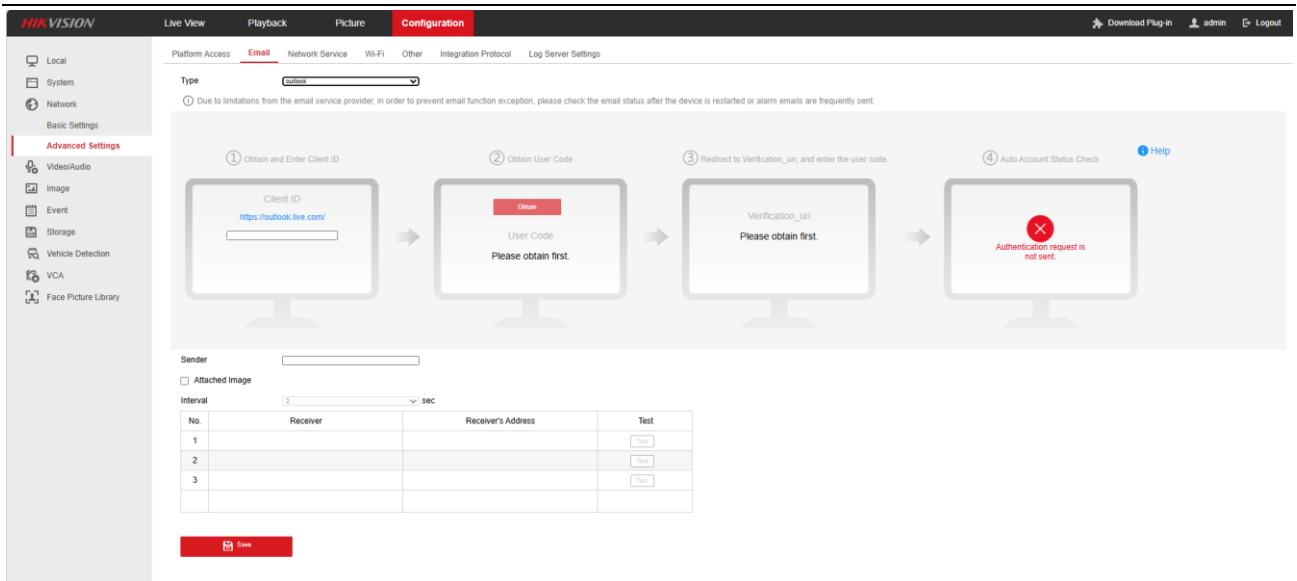
- After the negative pressure configuration is disabled, some front-end cameras (including PTZ dome cameras) may experience PTZ malfunction, which is a negative effect of enabling this configuration;
- After the negative pressure configuration is disabled, the AC coupled camera plug-in and plug-out signal will take effect in about 15 seconds to ensure normal image display;
- Device Model Range: 72HU-M/PXT



## 10. Outlook email supports the OAuth2.0 authentication method

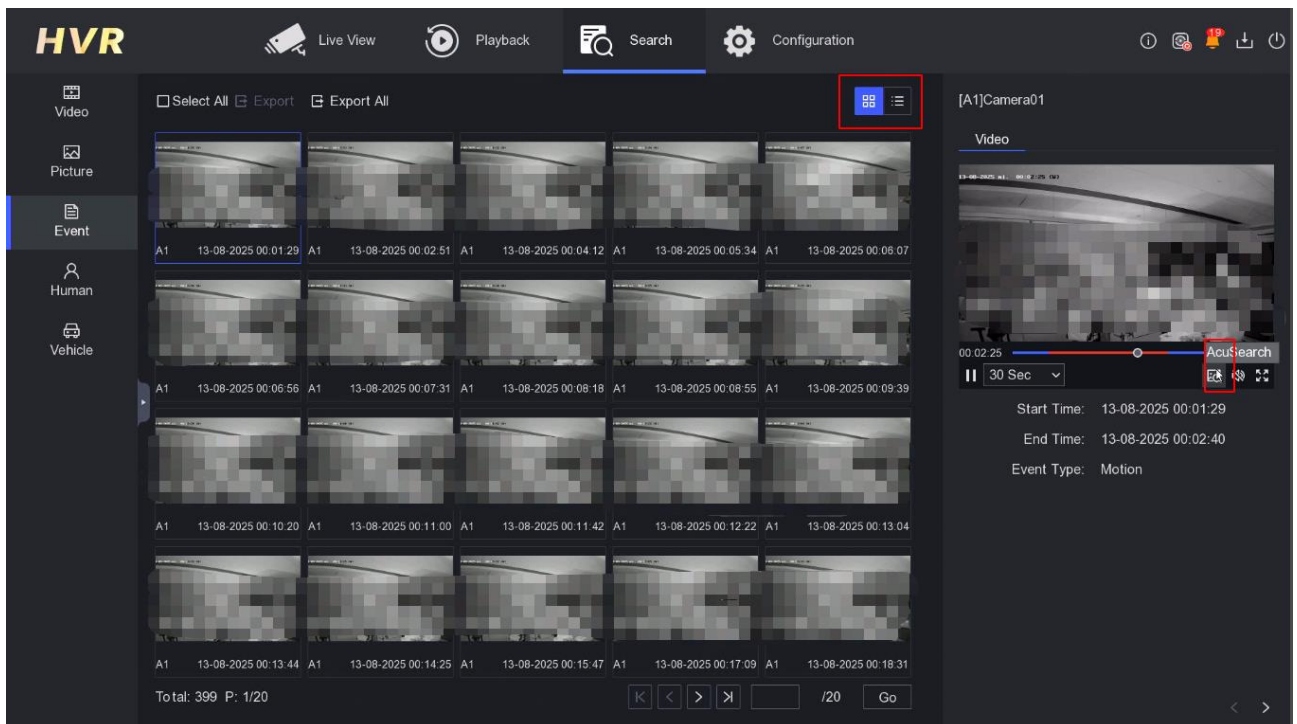
- Outlook email's original account password method is no longer supported and has been upgraded to use the new OAuth2.0 authentication method for authentication
- Device Model Range: 72HQ/HU/HT-M/XT、72HU-M/PXT、71/72HQ-M/T、72HU-M/T、71HQ-M/S、72HQ-M/E





## 11. Search Interface Function Optimization

- Add AcuSearch function entry in the small window playback of event search result for user convenience
- Double-click to zoom in and double-click to zoom out function are added to the playback small window
- Right-click mouse to add return function
- Video, image, and event search results add chart mode



## 12. Acusearch Function Optimization

- Acusearch function search result adjustment: personnel default similarity 70%, vehicle default similarity 75%
- During the search process, progress is displayed. Results that meet the similarity requirements are prioritized. After the search is completed, the results are sorted and displayed, with a maximum of 500 search results



displayed.

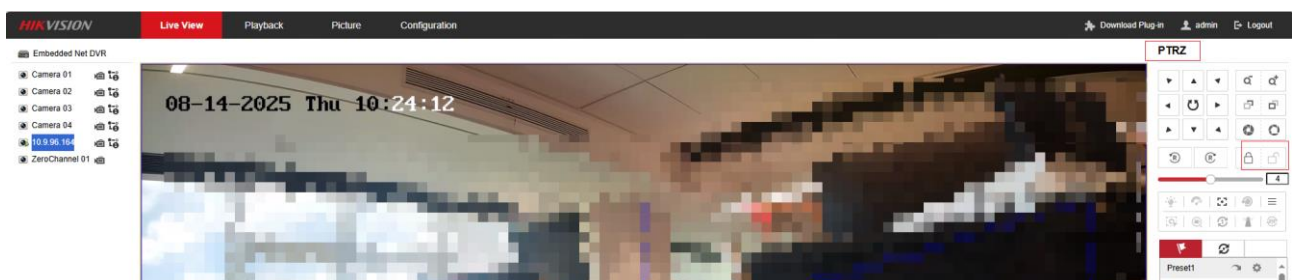
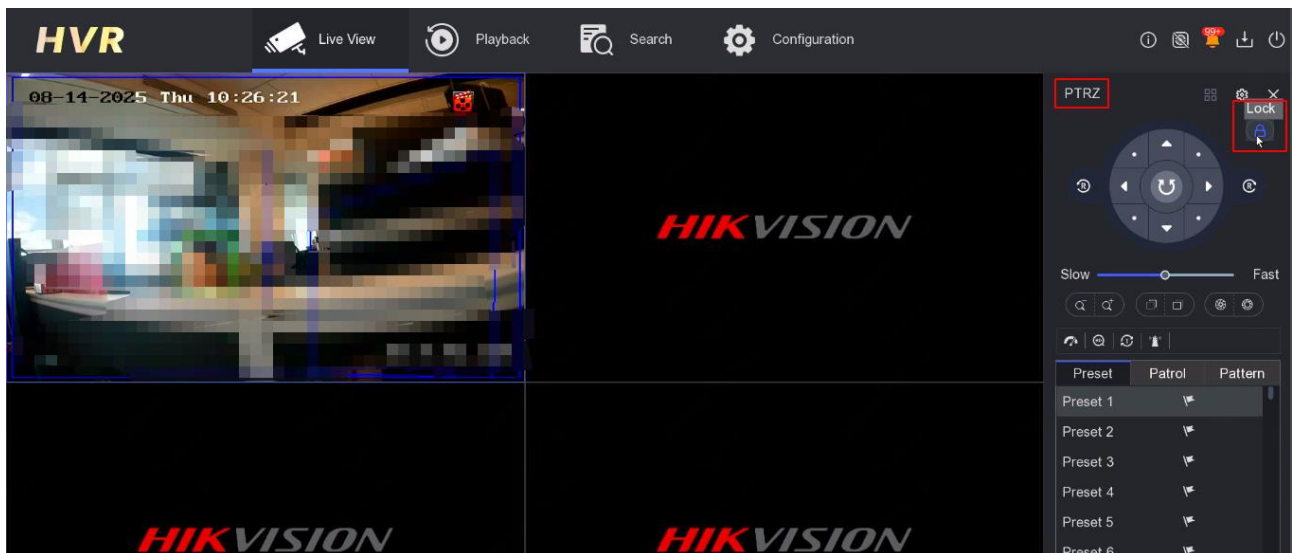
- c. Optimize modeling search strategy (proportional sampling priority modeling), so that when the modeling data volume is large, each channel has a certain number of target modeling detections
- d. Device Model Range: 72HQ/HU/HT-M/XT、72HU-M/PXT

### 13. Remote debugging and maintenance

- a. Support uploading device logs by user authorization through the Hik-Connect App
- b. Support setting the upload log time, and the exported module and level
- c. Device Model Range: 72HQ/HU/HT-M/XT、72HU-M/PXT

### 14. Supports PTRZ IPC camera configuration

- a. Support PTRZ camera configuration (including left, right and R), after connecting the PTRZ camera, the PTZ menu name is changed to PTRZ
- b. Supports PTZ lock, when locked, operating PTRZ displays PTRZ is locked
- c. Device Model Range: 72HQ/HU/HT-M/XT、72HU-M/PXT



### 15. Modification of Associated Configuration for the Chile Region

After selecting the Chile region, the following default configuration is associated:

- a. Time zone selection -4 (always select -4, time zone changes are switched by DST)



- b. The device is enabled with NTP, IP is 200.27.106.115
- c. The device enables DST, start time: first Sun of September 00, end time: first Sun of April 00
- d. Device Model Range: 72HQ/HU/HT-M/XT、72HU-M/PXT、71/72HQ-M/T、72HU-M/T、71HQ-M/S、72HQ-M/E

The screenshot shows the HVR Configuration interface. The left sidebar contains a menu with options: General, Live View, User, Network, Camera, Event, Intelligent Search, Record, and Face Picture Library. The main area is titled 'Region & Time Settings' and includes a warning: 'After you change the region, the language, time zone, and DST settings will be changed in sync with the region.' The settings are as follows:

- Region: Chile (Chile)
- Language: Español
- Time Zone: (UTC-04:00) Santiago
- Date Format: DD-MM-YYYY
- System Date: 12-08-2025
- System Time: 08:25:49
- Enable DST: ☒
- Start Time: Sep 1st Sun 0
- End Time: Apr 1st Sun 0
- DST Bias: ☒ 30 min ☒ 60 min ☐ 90 min ☐ 120 min

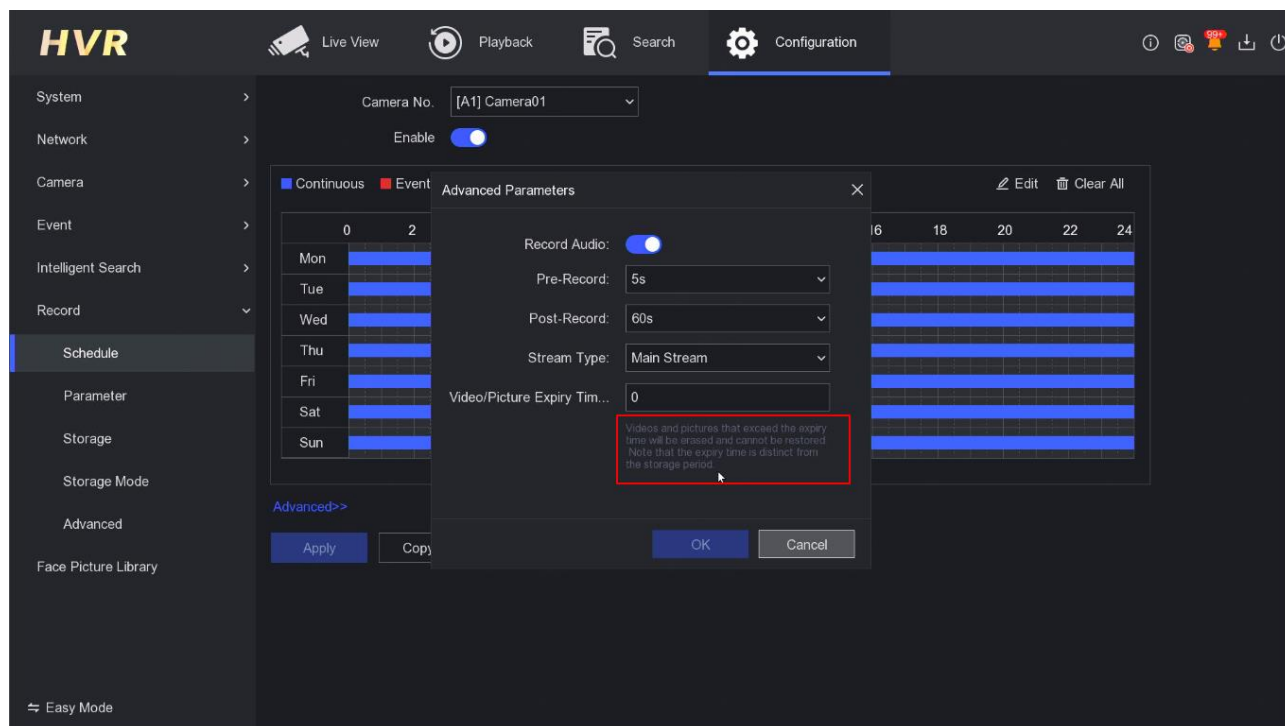
An 'Apply' button is at the bottom.

The screenshot shows the HIKVISION web interface. The top navigation bar includes 'Vista en Directo', 'Reprod.', 'Imagen', and 'Configuración'. The left sidebar has a menu with options: Local, Sistema, Ajustes del sistema, Mantenimiento, Seguridad, Gestión de cámara, Administración de cuenta, Red, Video y audio, Imagen, Inteligente, Almacenamiento, Detección de vehículo, VCA, and Biblioteca de imágenes fa... The main area is titled 'Configuración' and includes a warning: 'Después de cambiar la región, el idioma, la zona horaria, el formato y la configuración DST se cambiarán en sincronización con la región.' The settings are as follows:

- Región e idioma
  - Región: Chile (Chile)
  - Idioma: Español
  - Zona horaria: (UTC-04:00) Santiago
- NTP
  - ☒ NTP
  - Dirección de servidor: 200.27.106.115
  - Puerto NTP: 123
  - Puerto NTP de conexión: ☒ Predefinido ☐ Personalizar
  - Estado del puerto: ☒ Disponible
  - Intervalo: 60 minuto(s)
- Sinc. hora manual
  - ☐ Sinc. hora manual
  - Sistema de tiempo: 2025-08-13 10:02:10
  - Ajustar hora: 2025-08-13 10:02:01 ☒ Sinc. con hora PC
- DST
  - ☒ Habilitar DST
  - Hora Inicio: Sep 1st do. 00
  - Hora Fin: Abr. 1st do. 00
  - Margen de DST: ☐ 30 min ☒ 60 min ☐ 90 min ☐ 120 min

## 16. Add a prompt description in the advanced configuration of the recording schedule

- Added a note in the advanced configuration of the recording schedule: Videos and pictures that exceed the expiry time will be erased and cannot be restored. Note that the expiry time is distinct from the storage period.
- Device model range: 72HQ/HU/HT-M/XT、72HU-M/PXT、71/72HQ-M/T、72HU-M/T、71HQ-M/S、72HQ-M/E



## **Customer Impact and Recommended Action**

This new firmware upgrade is to improve product performance, and will take effect automatically after upgrading from previous versions. We'd like to inform you the above changes. Also, we are sorry for any possible inconvenience of use-habit changes caused by this action.

For questions or concerns, please contact our local technical support team.

Note:

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