Release Notes

1.1 OverView

Firmware Basic Information	Kernel Version DVRS_V19.3.30.20260523 UI Version GUI_V19.3.0.20260523 Web Version 7.2.26.526 Algorithm Version ALGO_V2.1.0.20260515.50288 Smart Module Version 1.2.0_20260422 Face recognition model version d2d0 Algorithm Model Version F49965U50286 CGI Version CGI_V3.3.0.20260523 ONVIF Version V24.12.260402.40758191 P2P Version V3.1.1.20260422.63F2C162 RTSP Version V1.2.16.260402.40758191 APP Version V4.6.10.260416.E78748E1
Related product	(出口-天地)TC-R3110 28HC (出口-天地)TC-R3220 216HC (出口-天地)TC-R3220 416HA (出口-天地)TC-R3232 4HA (出口-天地)TC-R3120 2MC (出口-天地)TC-R3210 4HA (出口-天地)TC-R3220 4HA (出口-天地)TC-R3110 4HA (出口-天地)TC-R3120 4HA (出口-天地)TC-R3210 48HA (出口-天地)TC-R3105 44HA (出口-天地)TC-R3110 48HA (出口-天地)TC-R3110 2MC (出口-天地)TC-R3105 24HC (出口-天地)TC-R3232 2HC (出口-天地)TC-R3220 2HC

1.2 Reason of Upgrade

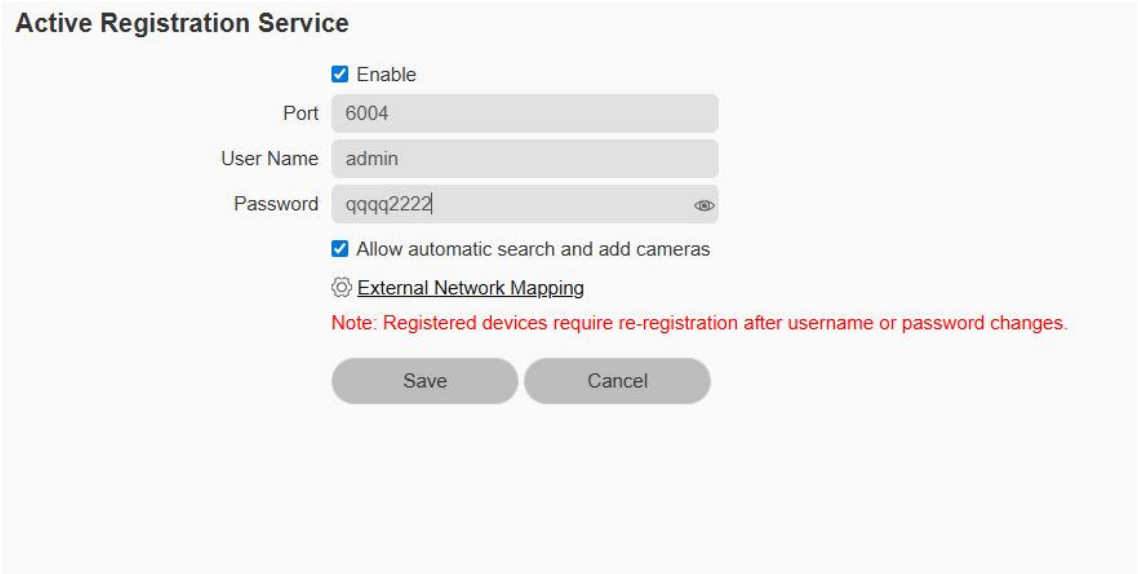
Fix known defects and optimize product performance.

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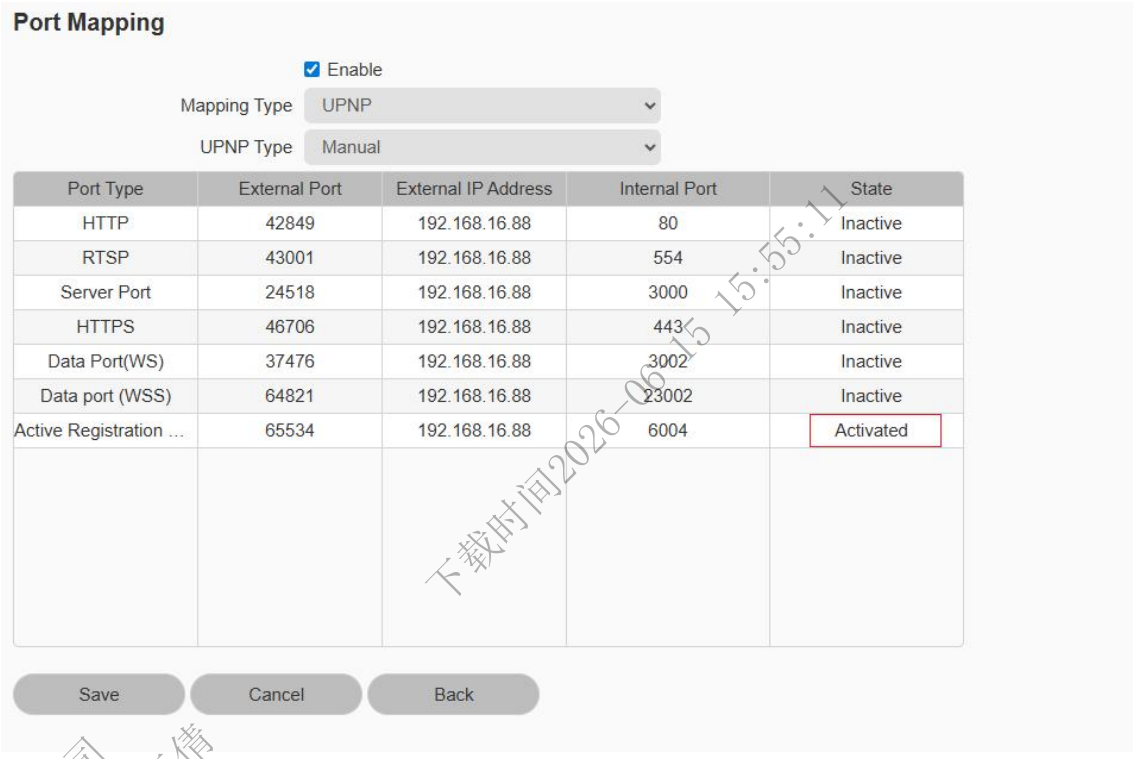
1.2.1 New Features

1.Added active mode for adding IPC

When configuring the active registration service, you can add cameras in active mode by setting the port, username, and password, as shown in the figure below.



Click the "External Network Mapping" button to jump to the port mapping page, where you can configure the active registration port, as shown in the figure below.

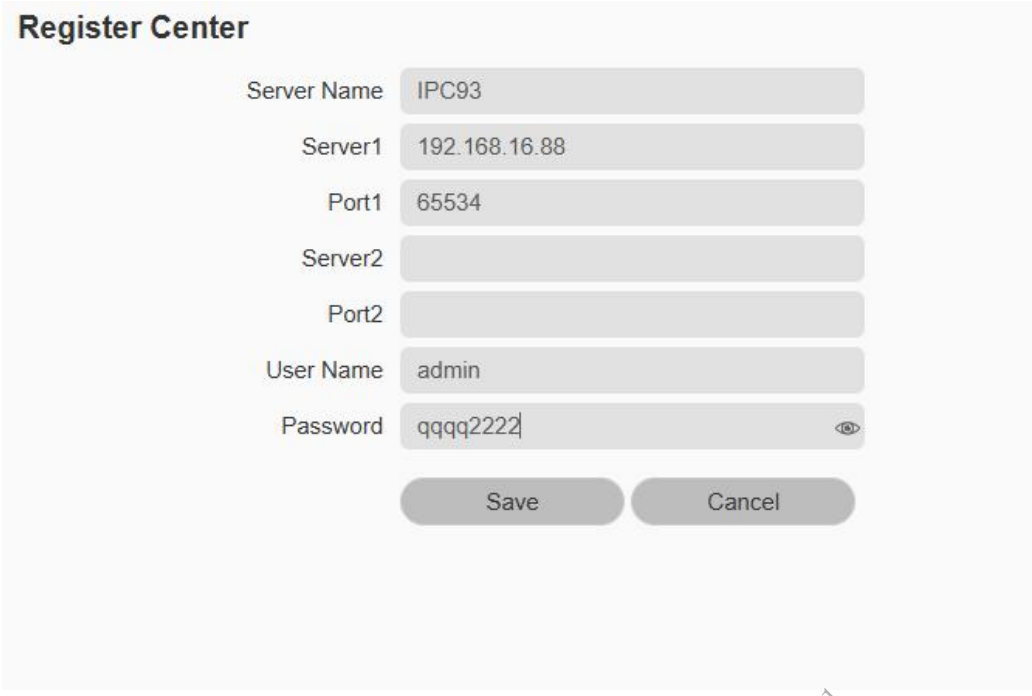


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Explain：

- After enabling "Allow auto-add cameras", cameras registered via active mode will be automatically added to the NVR.
- After completing the external network port mapping for the device, you can configure the device in active registration mode on the front end to register it with the NVR, thereby enabling cross-network segment camera addition.
- NVR active mode connection to NVR is not supported.

After completing the configuration of the active registration service, you can make corresponding settings on the camera's "Registration Center" page, as shown in the figure below.



Explain：

- The IP of Server 1 is the external IP address of the NVR's port mapping.
- Port 1 is the external port of the active registration port after successful NVR port mapping.
- The username is the username of the NVR's active registration service.
- The password is the password of the NVR's active registration service.

2. Added UI playback slicing function for rapid target location and faster playback retrieval

The video slicing and playback feature enables rapid target positioning, effectively improving the efficiency of video retrieval and playback. This function supports slice-based preview of a single day's recording and allows filtering of the video slices by target types such as people and vehicles, as shown in the figure below.

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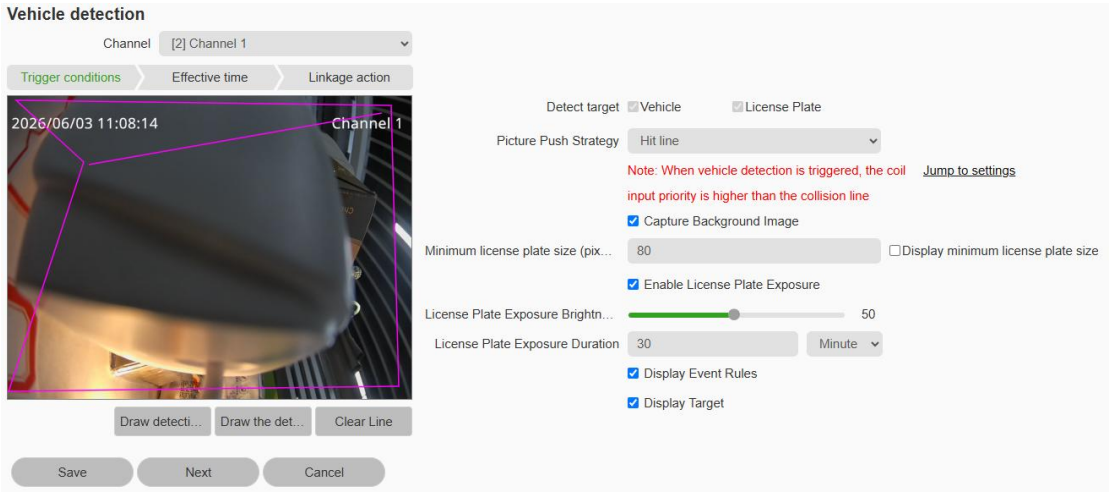
Explain：

- Click the slice playback button to quickly slice the day's recordings. As shown in the figure below.

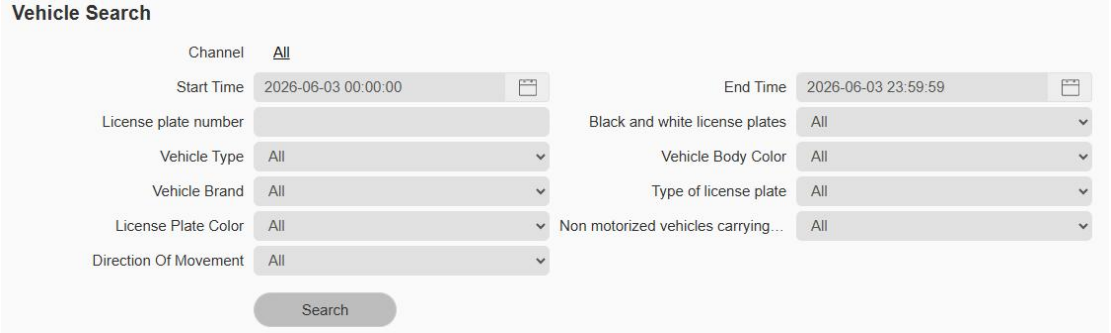


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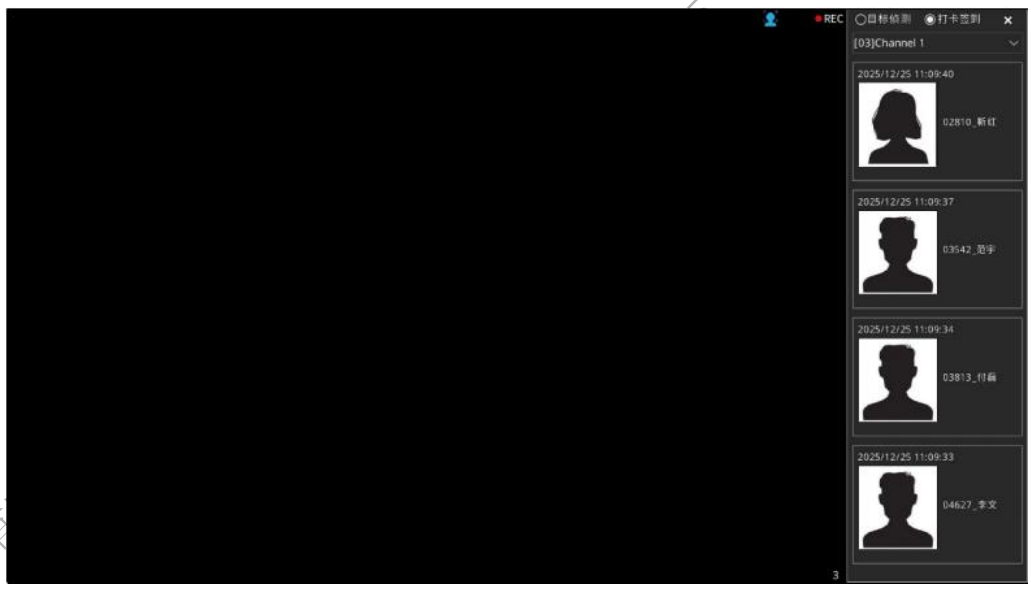
3.Compatible with license plate capture cameras, enabling vehicle management functions; supports receiving alarms and pushing them to the app; supports setting algorithm parameters for license plate capture cameras.



Supports vehicle data search, as shown below.

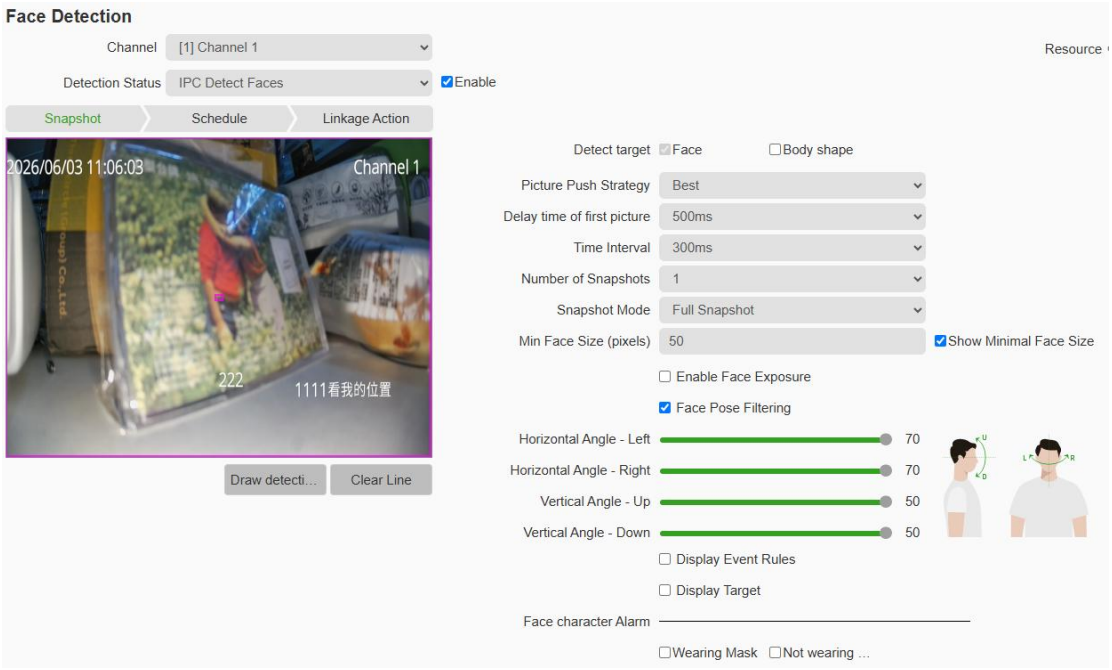


4.Added attendance display interface on the NVR UI; when paired with a face recognition terminal, it can display attendance records for specified channels.

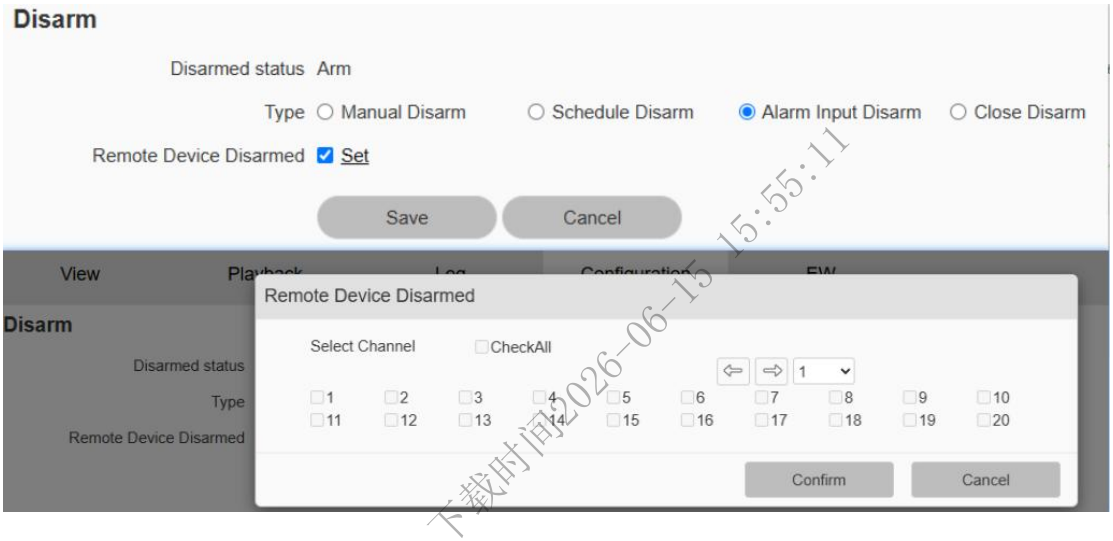


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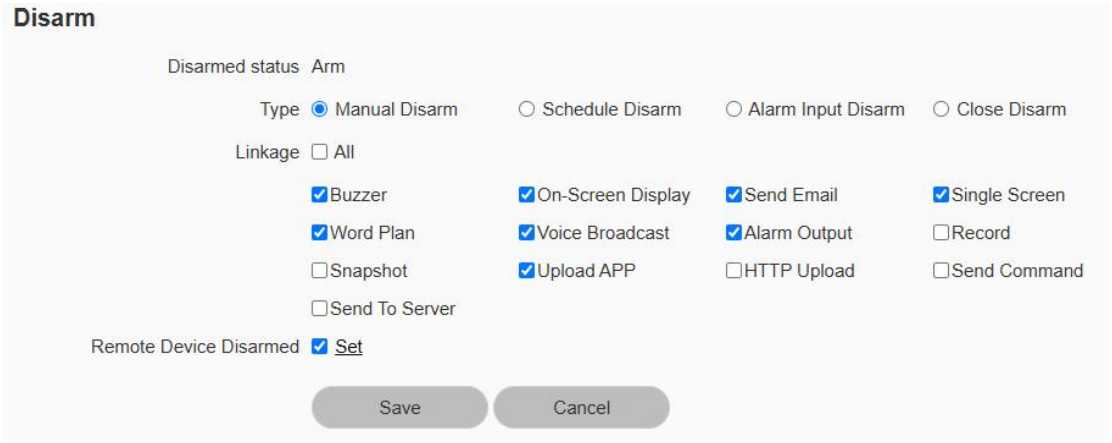
5.Compatible with IPC face detection parameter settings for face pose filtering.



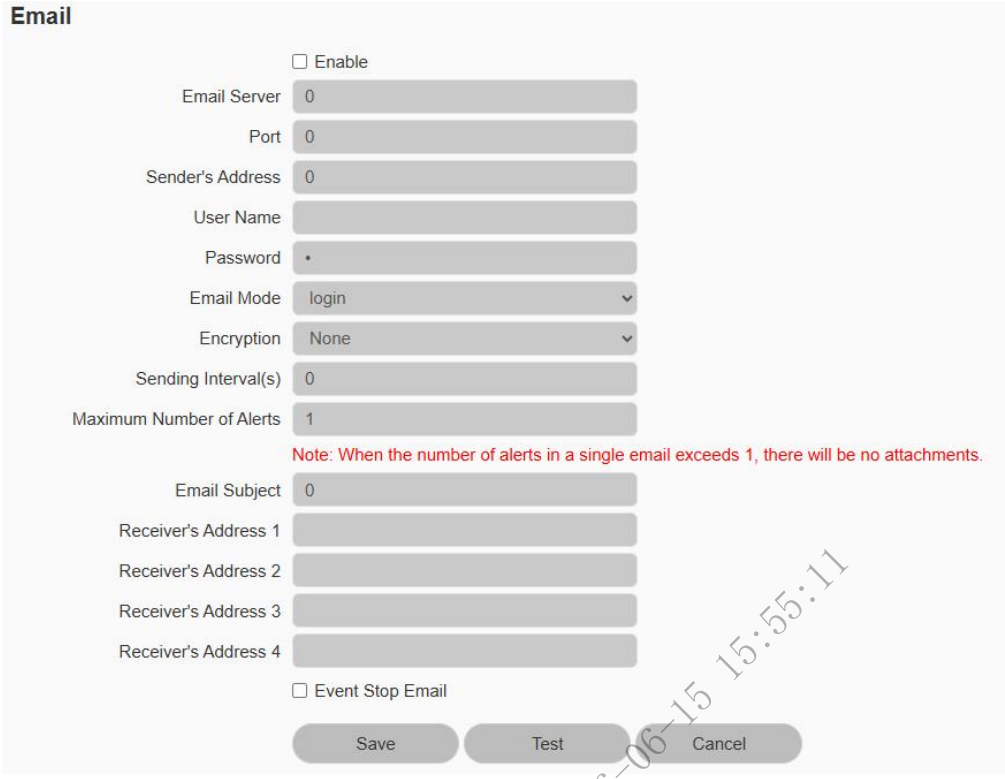
6.When paired with cameras that support one-key disarming, the NVR can disarm the camera-side linkage actions. Added disarm and upload to center function: after disarming, alarm messages and image streams will no longer be forwarded to the platform or standalone version.



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7.Added a master email switch to control whether the NVR sends emails externally with one click.



1.3 Update Guide

1. You can upgrade the NVR by ConfigTool, web and USB flash drive. For details, see Upgrade Guide.

2. Services such as recording and live view will be paused during the upgrade process. The NVR works normally after upgrade and rebooting.

3. The upgrade does not affect previous settings of the NVR.

4. Do not power off during the upgrade process, or the NVR will not boot up properly.

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