



DH_XVR5x08- AstonDB11_MultiLang_ V4.000.0000001.0.R.230714

Release Notes

A decorative graphic consisting of several overlapping, semi-transparent gray shapes and a vertical red bar on the right side, creating a modern, abstract background for the release notes section.

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1 Release Notes

1.1 Overview

| | |
|------------------------------|--|
| Product name | Digital Video Recorder (DVR) |
| Version | V4.000.0000001.0.R.230714 |
| Software package information | DH_XVR5x08-AstonDB11_MultiLang_V4.000.0000001.0.R.230714.zip |
| OS requirement | None |
| Release date | July 21, 2023 |

1.2 New Features

| Function | Description |
|--------------------------------|---|
| Disarm by Period | Disarm by period and with one click. |
| Email 3 Images | 3 images can be sent with the email body as attachment at an interval of 1 to 5 seconds. |
| Encode Enhancement | Enable encode enhancement and configure the encoding mode. When connecting the device to 5MP cameras that support 12.5 frames, 5MP encoding resolution is supported. |
| Smart Dual Light Configuration | If the connected cameras have illuminators, the illuminator mode and status can be configured on the image page of the device. Scheduled plan is supported. |
| SMD/IVS Scene optimization | 1. Optimize the scene where the car is stationary and an object passes by the car, triggering the false alarm of the car. 2. Optimize the night scene, SMD/IVS detection rate is poor. |
| Web 5.0 | Supports Web 5.0. |

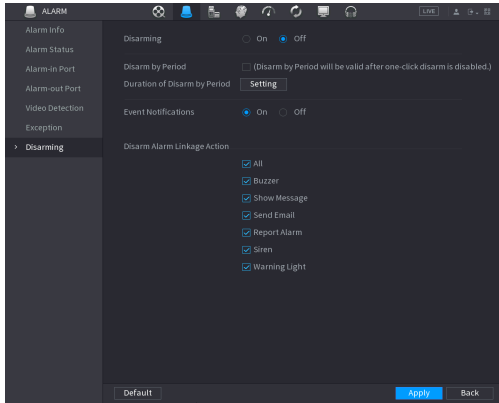
1.2.1 Disarm by Period

Configure disarming with one click to disable all linkage items of alarm events with just one click.

Step 1 Log in to the local interface, right-click on the live view screen, and then select **Main Menu**.

Step 2 On the Main Menu, select **ALARM > Disarming**.

Step 3 Enable disarming with one click or disarming by period.



Select **Disarm** to enable disarming with one click.

Select **Disarm by Period** to enable disarming by period. You can enable disarming within the specified period and disable it in other periods. Click **Setting** to configure the period for disarming, and then click **OK**.

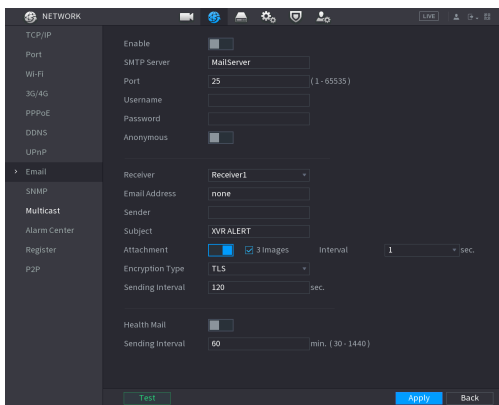
1.2.2 Email 3 Images

Only after the email address and recipient have been configured, can the linkage email take effect.

Step 1 Log in to the local interface, right-click on the live view screen, and then select **Main Menu**.

Step 2 On the **Main Menu**, select **NETWORK > Email**.

Step 3 Enable **Email**.



| Parameter | Description |
|-----------|--|
| 3 Images | Send 3 images as attachment at an interval of 1 to 5 second. |

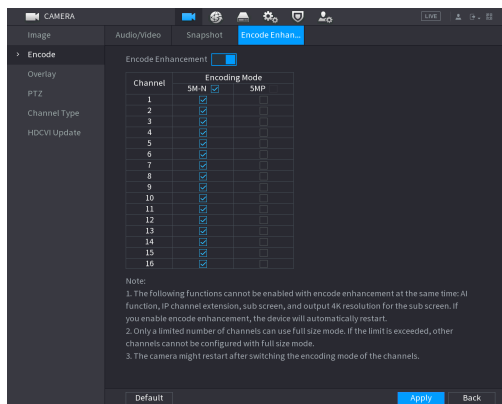
1.2.3 Encode Enhancement

Enable encode enhancement and configure the encoding mode. When connecting the device to 5MP cameras that support 12.5 frames, 12.5 standard is displayed on the camera OSD. You can select 5MP resolution and 12.5 frames as needed.

Step 1 Log in to the local interface, right-click on the live view screen, and then select **Main Menu**.

Step 2 On the **Main Menu**, select **CAMERA > Encode > Encode Enhancement**.

Enable **Encode Enhancement**, and then select the encoding mode. 5M-N: Frame rate priority. The camera resolution is 5MP, 25 frames or 20 frames. The live view resolution of the device is 5M-N, 25 frames or 20 frames, and the encoding is 12 frames. 5MP: The resolution of the cameras and device is 5MP, the live view is 12.5 frames or 10 frames, and the encoding is 6 frames.



1. The number of channels that supports encode enhancement varies. Please check the actual page.
2. The number of channels that support 5MP mode varies depending on the device.

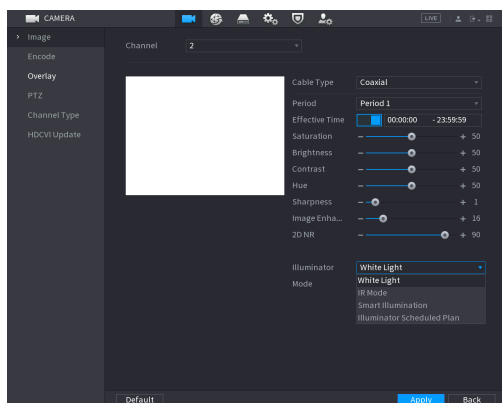
1.2.4 Smart Dual Light Configuration

If the connected cameras have illuminators, the illuminator mode and status can be configured on the device. Scheduled plan is supported.

Step 1 Log in to the local interface, right-click on the live view screen, and then select **Main Menu**.

Step 2 On the **Main Menu**, select **CAMERA > Image**.

Step 3 Select the channel and configure parameters.



| Parameter | Description |
|-------------|--|
| Illuminator | <ul style="list-style-type: none"> ● Smart Illuminator: Auto mode is supported. The system can switch automatically between the white light and the infrared light. ● IR Mode: Select Auto, Manual or Off. ● White Light: Select Auto, Manual or Off. ● Illuminator Scheduled Plan: The device switches the illuminator mode automatically according to the configured scheduled plan. Click Period to configure the illuminator scheduled plan, the period and the illuminator mode. |



White light, IR mode, or smart illuminator can be selected for the scheduled plan. Up to 6 periods can be configured for each day. When the device is started in scheduled plan, if the connected cameras are unplugged and plugged again, or powered off and restart, the system adjusts the illuminator mode of the cameras according to the current time and configured mode.

Select **All** to apply the period and mode settings to the other weeks. Click **OK** to save settings.

1.3 Fixed Bugs

None.

1.4 Compatibility

1.4.1 Program

This new baseline version is V4.000.0000001.0.R and the security baseline version is 2.3. If the earlier baseline programs (V4.000.0000000.1 and earlier) are updated to this version, we recommend not revert them to the earlier version. If reverting the earlier version, it is recommended that you restore the device to default.

1.4.2 Third-party Access

ONVIF 22.12(Profile T; Profile S; Profile G); CGI; SDK

1.5 Software Environment

| Category | Model | Version |
|----------|---------|---|
| Software | Player | V4.001.0000004.0 |
| | COS PRO | V1.016.0000001 |
| | DSS PRO | V8.002.0000000.0.R.20221212.1670676502 |
| | NetSDK | General_NetSDK_Eng_Win32_IS_V3.055.0000001.0.R.211101 |

| Category | Model | Version |
|----------|-------------|---|
| | DiskManager | General_DiskManager-Win32_Eng_V1.000.0000003.2.R.200422 |
| | ConfigTool | General_ConfigTool_ChnEng_V5.001.0000002.0.R.20230223 |
| DMSS | / | Android: 1.99.403 |
| | / | IOS: 1.99.421 |

1.6 Pending Issues

None.

1.7 Update Guide

Refer to the following instructions when updating the product.

1. You can update the device through ConfigTool, webpage and USB flash drive. For details, see the update guide.
2. During the update, the device will stop some services, such as recording and live view. After the update is complete, restart the device to resume normal operation.
3. The update does not affect the previous configuration.
4. Do not disconnect the power supply during the update. Otherwise the device might not be able to start normally.

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