



# **DH\_XVR4x08-IT\_MultiLang V4.004.00000000.0.R.250523**

## **Release Notes**



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# 1 Release Notes

## 1.1 Overview

Product name	Digital Video Recorder
Version	V4.004.0000000.O.R.250523
Software package information	DH_XVR4x08-IT_MultiLang_V4.004.0000000.O.R.250523.zip
OS requirement	None
Release date	May 30, 2025

## 1.2 New Features

Feature	Description
Two-Way Voice Talk	Used with HAC cameras. You can use DMSS app for two-way voice talk over coaxial cable with the <i>Dahua</i> HAC camera. On the device's webpage, you can also perform two-way voice talk with the camera. Additionally, this function is available on the device's local interface for communicating with the camera.
AI Dashboard	You can view and edit the AI dashboard and see the status of the remaining AI computing power, as well as whether the AI function is enabled.
Quick Initialization	Supports the quick device initialization to reduce the need for manual setup by the user.
Page of Channel Name	You can view the channel names and edit them on the page.
Wi-Fi Module	Supports connecting to Wi-Fi modules for Dahua NC650 and NC300.
Email Body and Attachment Options	When configuring email reporting, you can choose to send images either in the email body or as attachments.
Remote Arming and Disarming of IPC	By clicking the one-click disarm button, you can control the one-click disarm function for the front-end IP cameras that are connected to the device.
Camera SMD	The IPC that is compatible with XVR through the private protocol supports SMD.
Custom Layout	You can customize the layout and switching settings for the XVR.

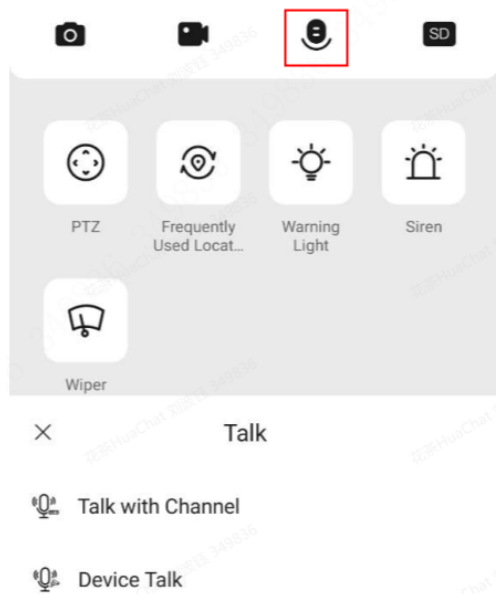
Feature	Description
Preview without Plug-in on Webpage	You can view videos from 16 channels on the webpage without plug-in.
Improved AI Function	SMD can be used with the one-click extension function.

## 1.2.1 Two-Way Voice Talk

You can use one of these three two-way voice talk options at a time: Between DMSS and the camera, between the webpage of XVR and the camera, or between the local interface of XVR and the camera. If you choose one option, the other two will be turned off. Also, the camera must support two-way voice talk.

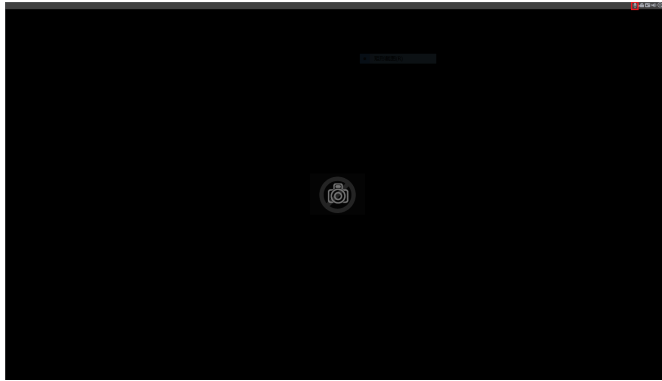
Voice Talk between DMSS and Camera

1. Log in to the preview page of DMSS, and click **Talk**.
2. Select a channel, and click **Start Talk** in the upper-right corner of the live video page.



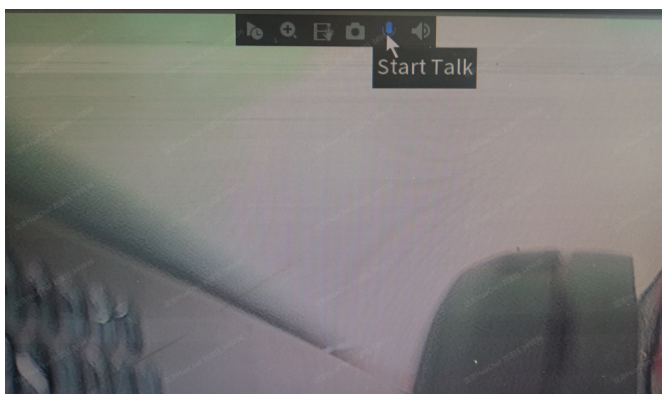
Voice Talk between XVR Webpage and Camera

1. Log in to the webpage, and go to **LIVE**.
2. Select a channel, and click **Start Talk** in the upper-right corner of the live video page.



### Voice Talk between Local Interface of XVR and Camera

1. Log in to the local live page, and click **Start Talk**.

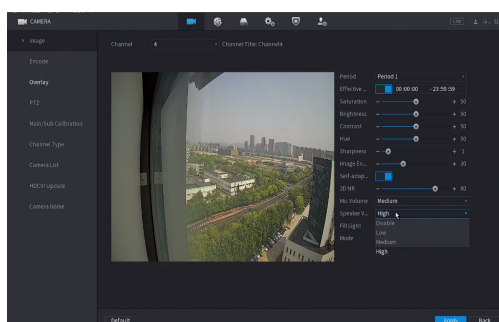


2. After the talk is enabled, a talk icon and a volume adjustment button in the lower-right corner of the channel. You can drag the button up and down to adjust the audio output volume of the XVR.



### Volume Adjustment for Camera

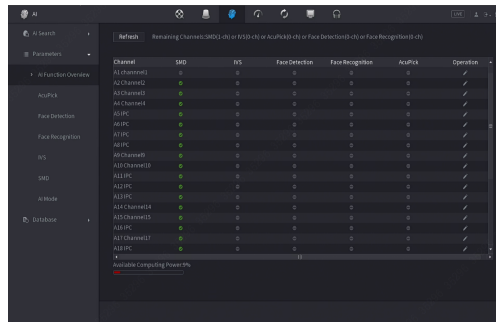
Go to **CAMERA > Image**, if the connected two-way talk analog camera supports volume adjustment, you will see options of **Mic Volume** and **Speaker Volume**. You can set the volume to off, or adjust it to high, medium, or low levels.



## 1.2.2 AI Dashboard

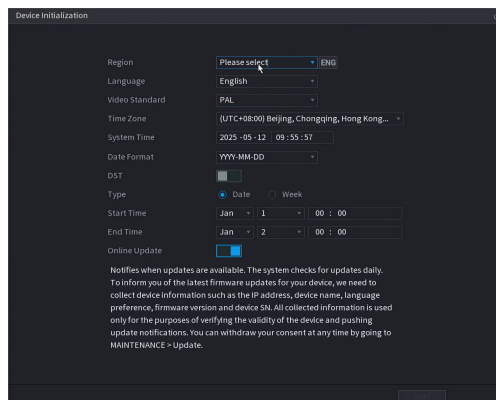
You can view and edit the AI dashboard and see the status of the remaining AI computing power, as well as whether the AI function is enabled.

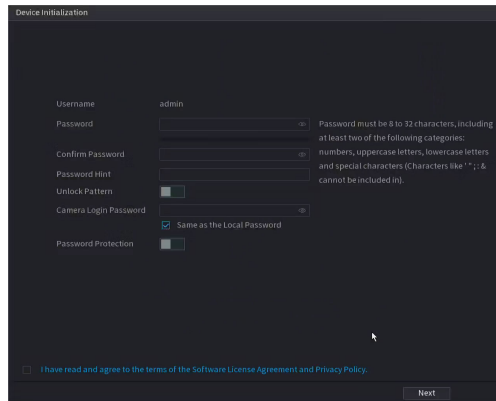
Go to **Main Menu** > **AI** > **AI Function Overview**, and you can view the AI status of analog channels. The page will refresh to display the status of available AI channels, the supported AI types, and the configurations for those AI functions, along with the remaining computing power percentage.



## 1.2.3 Quick Initialization

- Supports the quick device initialization to reduce the need for manual setup by the user.
- After the device has started up, you will enter the configuration page for initializing options such as country or region settings. Choose your country or region, as well as the language, video standard, time zone, time format, and DST options. Click NEXT to enter the password setup page, where you can decide whether to set an unlock pattern and enable password protection. After agreeing to the software agreement and privacy policy, click Next to proceed to the next step and start the quick initialization.





Device Initialization

Username: admin

Password:  Password must be 8 to 32 characters, including at least two of the following categories: numbers, uppercase letters, lowercase letters and special characters (Characters like " " ; , & cannot be included in).

Confirm Password:

Password Hint:

Unlock Pattern:

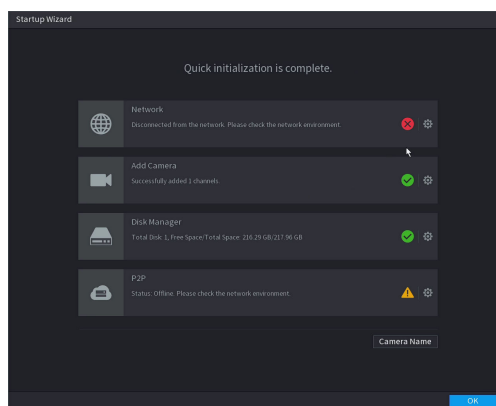
Camera Login Password:  Same as the Local Password

Password Protection: ☐

☐ I have read and agree to the terms of the Software License Agreement and Privacy Policy.

Next

- Quick initialization: Supports DHCP for automatic IP allocation; allows you to check the status of connected cameras; enables you to monitor disk status; supports configuring P2P online status; allows you to change channel names.



Startup Wizard

Quick initialization is complete.

Network: Disconnected from the network. Please check the network environment. ☐ ☐

Add Camera: Successfully added 1 channels. ☒ ☐

Disk Manager: Total disk: 1 Free space: 214.29 GB/217.96 GB. ☒ ☐

P2P: Status: Offline. Please check the network environment. ☐ ☐

Camera Name:

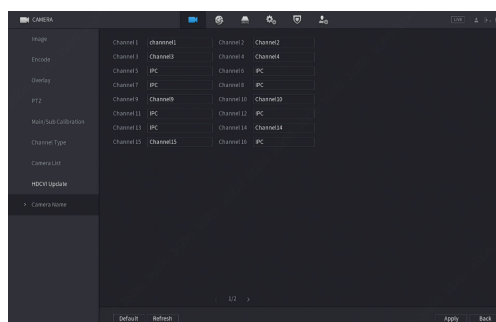
OK

- Finish initialization.

## 1.2.4 Page of Channel Name

You can view the channel names and edit them on the webpage.

Go to **Main Menu** > **CAMERA** > **Camera Name**, all the channel names will be displayed on the page and you can edit them.



CAMERA

Channel 1: channel1 Channel 2: Channel2

Channel 3: Channel3 Channel 4: Channel4

Channel 5: IPC Channel 6: IPC

Channel 7: IPC Channel 8: IPC

Channel 9: Channel9 Channel 10: Channel10

Channel 11: IPC Channel 12: IPC

Channel 13: IPC Channel 14: Channel14

Channel 15: Channel15 Channel 16: IPC

Channel Type:

Channel List:

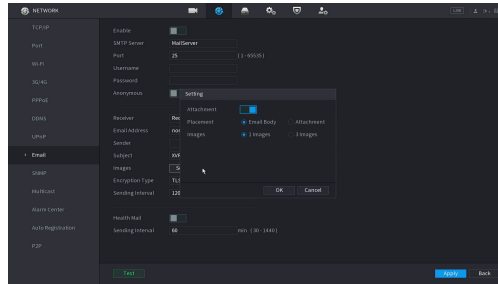
Channel Name:

Default Refresh Apply Back

## 1.2.5 Email Body and Attachment Options

When configuring email reporting, you can choose to send images either in the email body or as attachments.

Go to **Main Menu** > **NETWORK** > **Email**, you can enable the image configuration and set how to send image via email.

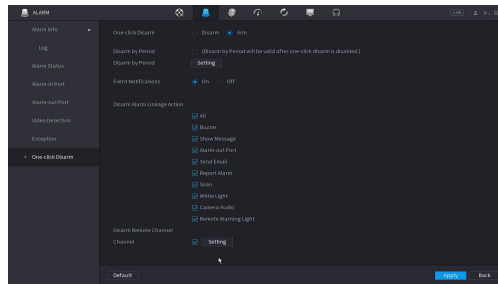


After the configuration is complete, the images will be reported as you specified.

## 1.2.6 Remote Arming and Disarming of IPC

By clicking the one-click disarm button, you can control the one-click disarm function for the front-end IP cameras that are connected to the device.

Go to **Main Menu > ALARM > One-click Disarm**, you can disarm the remote channels on the arming and disarming page.



For the selected remote channels, you can enable or disable the arming and disarming function for IPC.

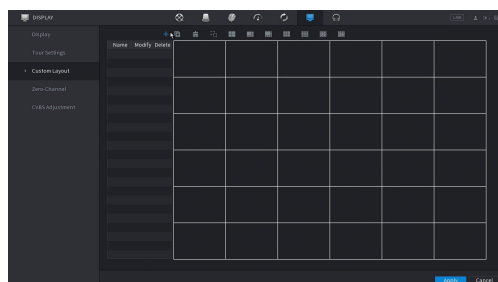
## 1.2.7 Camera SMD

- The IPC that is compatible with XVR supports SMD.
- You can enable SMD for IPC, and set the SMD type to person or vehicle.
- You can configure the linkage for IPC SMD.
- Supports passing SMD events from IPC to the platform, DMSS app, SmartPSS Lite and other clients.


## 1.2.8 Custom Layout


You can customize the layout and switching settings for the XVR.


Go to **Main Menu > DISPLAY > Custom Layout**, you can customize a layout for channels.






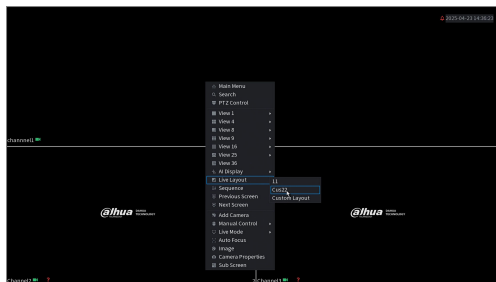
Click  to create a layout. The channel number will be added to the layout you create. You can select the editing button on the channel to replace it. After creating the layout, you can left-click and drag channels within the layout to merge them together.

Click  to select the starting channel, then add channels to the layout in batches.

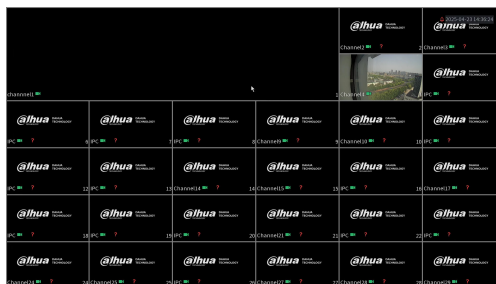
Click  to delete all the related channels, then configure the channels in the layout again.

Click  to undo the merged channels.

After setting the layout, right-click on the device preview page, select live layout, and then choose your specified layout to apply it.



For example:



## 1.3 Fixed Bugs

Fixed some issues.

## 1.4 Compatibility

### 1.4.1 Program

This version is V4.004.0000000.0.R, and the security baseline version is 2.4.

### 1.4.2 Third-party Access

ONVIF testing tool version: V24.12.

ONVIF: Supports Profile T, Profile S and Profile G.

## 1.5 Software Environment

Category	Model	Version
	NetSDK	General_NetSDK_Eng_Win64_I S_V3.058.0000004.0.R.241125
	ConfigTool	General_ConfigTool_ChnEng_ V5.001.0000005.1.R.20250113
	SmartPSS Lite	General_SmartPSSLite_MultiLa ng_Win64- Install_IS_V1.003.0000008.2.R. 250120
DMSS	/	V2.0.30
DoLynk Care	/	V2.50.20

## 1.6 Pending Issues

None.

## 1.7 Update Guide

Please update the product in the following steps.

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, restart the device.
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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