



DH_NVR4x-4KS3_MultiLang V4.006.00000000.0.R.250402

Release Notes



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1 Release Notes

1.1 Overview

Item	Description
Product name	Network Video Recorder (NVR)
Version	V4.006.0000000.0
Software package information	DH_NVR4x-4KS3_MultiLang_V4.006.0000000.0.R.250402
OS requirement	None
Release date	April 2, 2025

1.2 New Features

No.	Feature Description
1	Standardized the time synchronization log.
2	NVR supports H3D/H5D.
3	NVR supports P3D/P5D.
4	NVR supports DH-H3B/DH-H3B.
5	NVR supports DH-IPC-HFW1339DTK2-SW-PV, DH-IPC-HFW1539DTK2-SW-PV.
6	You can use DMSS to perform a cloud update for the front-end device through the NVR.
7	NVR can report the model of cameras to the cloud.
8	The default configuration for regional time zone mapping has been adjusted as of June 25, 2024.
9	Overseas devices allow you to select a region during initialization, with the corresponding DST displayed by default.
10	The compatible app is changed to DMSS, and the download link for the device program is updated.
11	You can subscribe for event on the app.
12	The initialization wizard no longer includes the custom initialization mode.
13	Enhanced P2P.
14	DST for the Paraguay time zone is adjusted.
15	The order of the remote device list is rearranged.

1.3 Fixed Bugs

Fixed some known issues.

1.4 Compatibility

1.4.1 Program

This new baseline version is V4.006.0000000.0.R.250402. It is compatible with earlier versions that were released.

1.4.2 Browser

IE 11 and later, Safari 10 and later, Edge, Firefox V70 and later, and Chrome 41 and later.

1.4.3 Third-party Access

1. ONVIF testing tool version: V24.12.
2. ONVIF: Supports Profile T, Profile S, and Profile G.

1.5 Software Environment

Category	Model	Version
IPC	DH-IPC-HFW1230SP-A-0280B-S5	DH_IPC-HX2(1)XXX-Euler_EngSpnRus_PN_V2.840.0000000.5.R.221222.zip
IPC	DH-IPC-HFW1230SP-0360B-S5	DH_IPC-HX2(1)XXX-Euler_EngSpnRus_PN_V2.800.0000000.18.R.220902.zip
IPC	DH-IPC-HFW1431SN-0280B-S4	DH_IPC-HX1XXX-Molec_MultiLang_NP_V2.820.0000000.49.R.220815.zip
IPC	DH-IPC-HFW1430SP-A-0280B-S5	DH_IPC-HX14XX-Hertz2_EngSpnRus_PN_V2.800.0000000.12.R.221214.zip
IPC	DH-IPC-HDW1530TP-0280B-S6	DH_IPC-HX1XXX-Hertz_EngSpnRus_PN_V2.800.0000000.18.R.220902.zip
IPC	DH-IPC-HDW1830TP-0280B-S6	DH_IPC-HX18XX-Molec_EngSpnRus_PN_V2.800.0000000.18.R.220902.zip
IPC	DH-IPC-HDW2441TP-S-0280B	DH_IPC-HX2X4X-Taylor_MultiLang_PN_V2.840.0000000.8.R.221213.zip

Category	Model	Version
IPC	DH-IPC-HDW2449TP-S-IL-0280B	DH_IPC-HX2X4X-Taylor_MultiLang_PN_V2.840.0000000.8.R.221213.zip
IPC	DH-IPC-HDW2531TP-AS-0280B-S2	DH_IPC-HX25(8)XX-Molec_MultiLang_PN_V2.820.0000000.49.R.220815.zip
IPC	DH-IPC-HDW2849TP-S-IL-0280B	DH_IPC-HX2XXX-Kant_MultiLang_PN_V2.860.0000000.4.R.230109.zip
IPC	DH-IPC-HDW2831TP-AS-0280B-S2	DH_IPC-HX25(8)XX-Molec_MultiLang_PN_V2.820.0000000.49.R.220815.zip
IPC	DH-IPC-HFW3241TP-ZS-27135-S2	DH_IPC-HX3XXX-Taurus_MultiLang_PN_Stream3_V3.120.0000000.9.R.221118.zip
IPC	DH-IPC-HDW3441TP-ZS-27135-S2	DH_IPC-HX3XXX-Taurus_MultiLang_PN_Stream3_V3.120.0000000.9.R.221118.zip
IPC	DH-IPC-HDW3449H-P-AS-PV-0280B-S4	DH_IPC-HX3XXX-Taurus_MultiLang_PN_Stream3_V3.000.0000000.22.R.221119.zip
IPC	DH-IPC-HDW3549H-P-AS-PV-0280B-S4	DH_IPC-HX3XXX-Taurus_MultiLang_PN_Stream3_V3.000.0000000.22.R.221119.zip
IPC	DH-IPC-HDW3849H-P-AS-PV-0280B-S4	DH_IPC-HX3XXX-Taurus_MultiLang_PN_Stream3_V3.000.0000000.22.R.221119.zip
IPC	DH-IPC-HDBW3241F-P-AS-0210B-S2	DH_IPC-HX3XXX-Taurus_MultiLang_PN_Stream3_V3.120.0000000.9.R.221118.zip
IPC	DH-IPC-HDBW3441F-P-AS-0210B-S2	DH_IPC-HX3XXX-Taurus_MultiLang_PN_Stream3_V3.120.0000000.9.R.221118.zip

Category	Model	Version
IPC	DH-IPC-HDW5241T MP-ASE-0280B-S3(AcuPick)	DH_IPC-HX5XXX-single-Riemann_MultiLang_PN_Stream4_V3.100.0000000.5.R.230509.zip
IPC	DH-IPC-HDW5442T MP-ASE-0280B-S3(AcuPick)	DH_IPC-HX5XXX-single-Riemann_MultiLang_PN_Stream4_V3.100.0000000.5.R.230509.zipp
IPC	DH-IPC-HFW5541TP-ASE-0280B-S3(AcuPick)	DH_IPC-HX5XXX-single-Riemann_MultiLang_PN_Stream4_V3.100.0000000.5.R.230509.zip
IPC	DH-IPC-HFW5842EP-ZE-2712-S3(AcuPick)	DH_IPC-HX5XXX-single-Riemann_MultiLang_PN_Stream4_V3.100.0000000.5.R.230509.zip
IPC	DH-IPC-HFW7442HP-Z-0832-DC12AC24V-X	DH_IPC-HX7XXX-HW-Faraday_MultiLang_PN_V3.100.0000000.12.R.230111.zip
IPC	DH-IPC-HFW7842HP-Z-2712F-DC12AC24V-X	DH_IPC-HX7XXX-HW-Faraday_MultiLang_PN_V3.100.0000000.12.R.230111.zip
IPC	DH-IPC-HFW71242H P-Z-2712-DC12AC24V-X	DH_IPC-HX7XXX-HW-Faraday_MultiLang_PN_V3.100.0000000.12.R.230111.zip
IPC	DH-IPC-MFW7849YP-Z-2080-T44-0832	DH_IPC-MFW8XXX-Faraday_MultiLang_NP_Stream3_V3.100.0000000.5.R.221102.zip
IPC	DH-IPC-HDW8441XP-3D-0200B	DH_IPC-HX7(8)XXX-EMMC-Taurus_MultiLang_PN_Stream3_V3.000.0000000.14.R.220718.zip
IPC	DH-IPC-EB5541	DH_IPC-EX5XXX-Leo_MultiLang_NP_Stream3_V2.800.0000000.40.R.220815.zip

Category	Model	Version
IPC	DH-IPC-EBW81242P-AS-S2	DH_IPC-HX8(7)XXX-FE-Darwin_MultiLang_PN_V3.000.0000000.1.R.210705.zip
IPC	DH-IPC-PFW81642P-A180-DC12AC24V	DH_IPC-PFW8XXX-Four-Faraday_MultiLang_PN_Stream3_V3.100.0000000.4.R.220813.zip
IPC	DH-PSDW82442M-A270-D440-S3	DH_IPC-PSDW8XXX-Plato-Darwin_MultiLang_PN_Stream3_V3.000.0000000.7.R.221217.zip
IPC	DH-IPC-PDBW82041P-B360-E4-2812-ATC-S2	DH_IPC-PDBW820XX-Faraday_MultiLang_PN_Stream3_V3.100.0000000.6.R.220908.zip
IPC	DH-IPC-MFW7442K1P-Z-0832-T40-0360B	DH_IPC-HX5XXX-EMMC2-Volt_MultiLang_PN_Stream3_V2.840.0000000.18.R.220629.zip
IPC	DH-IPC-HFW7442HN-Z-2712F-DC12AC24V	DH_IPC-HX8XXX-Nobel_MultiLang_NP_V3.000.0000000.2.R.210712.zip
IPC	DH-IPC-HFW7442HP-Z-2712F-DC12AC24V-S2	DH_IPC-HX7XXX-Darwin_MultiLang_PN_V3.000.0000000.4.R.220720.zip
IPC	DH-IPC-HFW5241EP-ZE-27135	DH_IPC-HX5XXX-Volt_MultiLang_PN_Stream3_V2.840.0000000.18.R.220629.zip
IPC	DH-IPC-PFW5849P-A180-E2-ASTE-0360B	DH_IPC-HX5(4)XXX-Taurus_MultiLang_PN_Stream3_V3.120.0000000.2.R.221021.zip
ITC	DHI-ITC415-PW6M-IZ	General_ITC(X15)(X37)-PW6M-XXX-C2_Eng_PN_Oversea_V2.626.0000000.4.R.220718.zip ShengChanTEST_ITC(X15)(X37)-PW6M-XXX-C2_Eng_PN_Oversea_AUTOTEST_V2.625.0000000.0.R.211118.zip

Category	Model	Version
ITC	DHI-ITC431-RW1F-IRL8	General_ITC431-RW1F-IRL8(L)-C2_Eng_PN_Oversea_V4.003.0000000.0.R.220907.zip ShengChanTEST_ITC431-RW1F-IRL8(L)-C2_Eng_N_Oversea_V4.001.0000000.0.R.210907.zip
ITC	DHI-ITC952-AU3F-IRL8ZF1640	General_ITCX52-AF3F(RF2F)-(IR7)(IR8)-C1_Eng_PN_Oversea_V4.003.0000000.0.R.220526.zip ShengChanTEST_ITCX52-AF3F(RF2F)-(IR7)(IR8)-C1_Eng_PN_Oversea_V4.001.0000000.9.R.211126.zip
TPC	DHI-TPC-PT8441D-BM100Z56L-BM-DC48-S23	General_TPC-NYX5400-BMXB_V1.000.0000000.0.R.220121.zip General_TPC-PTZ83-HNL-V_MCU_V2.401.0000000.2.R.220727.zip General_TPC-PT8XX1D-F-CODE_MCU_V2.401.0000000.1.R.220726.zip General_TPC-SD-Gram_PART_V2.830.0000000.0.R.220909.zip DH_TPC-PT8XX1D-B-S2_MultiLang_PN_V2.650.0000000.3.R.221013.zip
TPC	DHI-TPC-SD2241-TB7F8-DW-S2	General_TPC-NYX2200-MS-CTPGW_V1.000.0000000.4.R.20220812.zip DH_TPC-SD2X41-B-S2_MultiLang_PN_V2.650.0000000.6.R.220908.zip General_TPC-SD49XXX-HN_MCU_V2.401.0000000.1.R.191031.zip
TPC	DHI-TPC-BF1241-TB7F8-DW-S2	DH_TPC-DF1241-TB-S2_MultiLang_PN_V2.650.0000000.8.R.221117.zip General_TPC-NYX2200-MS-CTPGW_V1.000.0000000.4.R.20220922.zip
SD	DH-SD5A225GB-HNR	General_SD5AXXXG-HN_MCU_V2.401.0000001.42.R.220811.zip DH_SD-Taurus_MultiLang_PN_Stream3-Normal_V2.820.0000013.1.R.220923.zip
SD	SD3A200-GNP-W-PV	General_SD-Leo_MultiLang_PN_Stream3_V2.811.0000009.0.R.220629.zip
VTO	DHI-VTO2202F-P-S2	DH_VTOXXXXD-G-S2_MultiLang_PN_PAAS_SIP_EMEA_V4.600.0000000.0.R.220813.zip
VTO	DHI-VTO6221E-P	DH_VTOX221E_MultiLang_PN_PAAS_SIP_EMEA_V4.600.0000000.0.R.220805.zip General_VTO3-6-MCU_V1.000.0000000.1.R.20181107.zip
Platform	DSS PRO	General_DSS-Client_Win64_IS_V8.002.0000000.0.R.20221210
Platform	SmartPSS Lite	2.7.05.01.01657-General_SmartPSSLite_Eng_Win64-Install_IS_V1.003.0000002.0.R.221230
APP	DMSS	1.99.202

Category	Model	Version
COS PRO	COS PRO	1.016.0000002
playsdk	playsdk	General_PlaySDK_Eng_Win64_IS_V3.045.100E000.0.R.230218.zip
Tool	ConfigTool	General_ConfigTool_ChnEng_V5.001.0000001.0.R.20220728
Tool	NetSDK	General_NetSDK_Eng_Linux64_IS_V3.055.0000001.0.R.211101.tar.gz
Tool	Dahua Player (Including DiskManager)	General_NetSDK_Eng_Win64_IS_V3.055.0000001.0.R.211101.7z
Tool	NKB1000	General_NKB1000_Eng_V2.620.0000000.0.R.20180115.zip

1.6 Pending Issues

None

2 Update Guide

2.1 Introduction

This section introduces how to update the network video recorder to V4.006.0000000.0.R.250402. The device supports online update and update by USB flash drive and Uboot.

2.2 Preparation



Check whether the device model and program version are correct before the update.

Before the update, please ensure that the following conditions are met.

- Update online: The device can work normally and is connected to the network.
- Update by USB or Uboot: You have imported the .bin update file to the USB flash drive. The USB flash drive is in FAT32 format.
- Update by Uboot: For NVR4X series products, you only need to place update.img file in the root directory of the USB flash drive.
- Make sure that the USB flash drive is inserted to the USB port of the device ; otherwise the update cannot be performed normally.

2.3 Instructions

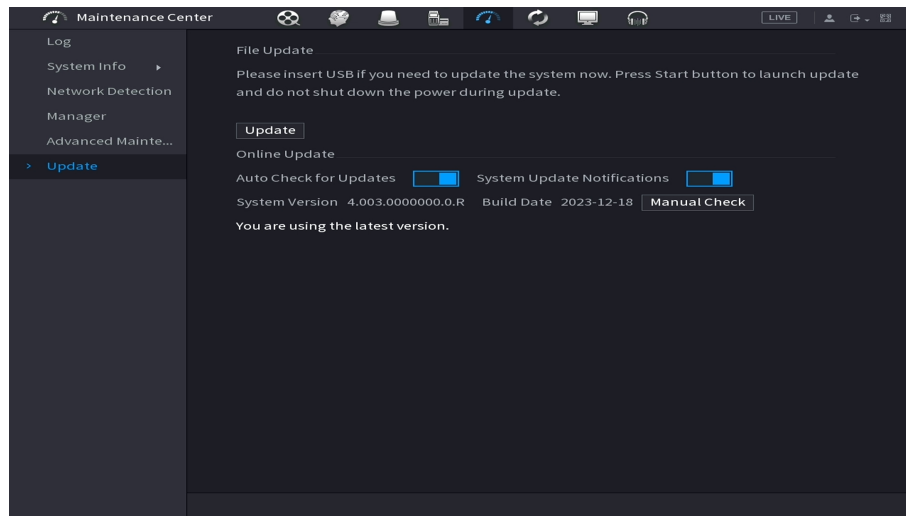
2.3.1 Local Update on the Device

Procedure

- Step 1 Log in to the local interface of the device.
- Step 2 Right-click on the live view page, and then select **Main Menu**.
- Step 3 On the main menu page, select **Maintenance Center** > **Update** > .
- Step 4 The system detects the program version.

- Auto check for update: Enable **Auto Check for Updates**.  Means it is enabled.
- Manual check: Click **Manual Check**.

Figure 2-1 System update



Step 5 Click **Update** to update the system.



When the system displays **You are using the latest version**, you do not need to update the system.

2.3.2 Updating by USB Flash Drive

Import .bin update file to update the system version.

Procedure

- Step 1** Insert the USB flash drive with the update file into the USB port of the device.
- Step 2** Log in to the local interface, right-click on the live view page, and then select **Main Menu**.
- Step 3** On the main menu page, select **Maintenance Center** > **Update** > .
- Step 4** Click **Browse** , select the update file, and then click **OK**.

2.3.3 Updating by Uboot

Uboot update means that when the device is powered on, the system automatically detects whether a USB device has been inserted, and whether there is an update file in the USB device. If it exists and the update file is detected correctly, the system will automatically update. When the device is abnormal, the device can also be updated except the serial port and TFTP (Trivial File Transfer Protocol).

Put u-boot.bin.img and update.img files in the root directory of the USB flash drive, insert the USB flash drive into the device, and then restart the device.

2.4 Checking for Update Success

No matter which method is used, log in to the system again after the update is complete to check whether the version is correct.

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