



Molec V2.820.0000000.27.R.210107

Release Notes



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The image shows three variations of the Dahua logo: a stylized lowercase "dahua" with a red and black color scheme, a stylized lowercase "dahua" with a red and black color scheme, and a stylized lowercase "dahua" with a red and black color scheme and the word "TECHNOLOGY" below it. , and **HDCVI** are the trademarks or registered trademarks of Dahua.

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Release Notes

1.1 Overview

Item	Description
Product model	Molec platform series
Version	V2.820.0000000.27.R.210107
Software package information	DH_IPC-HX1XXX-Molec_MultiLang_PN_V2.820.0000000.27.R.210107.zip DH_IPC-HX1XXX-Molec_MultiLang_NP_V2.820.0000000.27.R.210107.zip DH_IPC-HX2XXX-Molec_MultiLang_PN_V2.820.0000000.27.R.210107.zip DH_IPC-HX2XXX-Molec_MultiLang_NP_V2.820.0000000.27.R.210107.zip DH_IPC-HX2XXX-Molec_MultiLang_NP_USA_V2.820.0000000.27.R.210107.zip DH_IPC-HX25(8)XX-Molec_MultiLang_PN_V2.820.0000000.27.R.210107.zip DH_IPC-HX25(8)XX-Molec_MultiLang_NP_V2.820.0000000.27.R.210107.zip DH_IPC-HX25(8)XX-Molec_MultiLang_NP_USA_V2.820.0000000.27.R.210107.zip
OS requirement	None
Release date	February 4, 2021

1.2 New Features

Feature	Description
1	Onvif20.06
2	Audio is disabled by default
3	Baseline 2.820 (changing ONVIF password , adding subtype of security exception alarm, adding spatial/temporal adjustment of 3D noise reduction, opening audio encoding PCM, no-disturbing mode of DMSS push, alarm message push of DMSS, and adding 10 foreign languages for Series 2)
4	SaaS database integration
5	Rotation mode supports uniform resolution rules (up to 2688 × 1520)
6	Added compatibility mode on the RTMP interface
7	The special 2A configuration is added for 8MP cameras separately
8	Custom range is enabled by default for shutter priority mode

1.3 Fixed Bugs

Fixed bugs	Description
1	When the device restarts for 2-3 times, the RTMP interface will restore to default, which will affect the stream acquisition and device using.
2	Multicast stream acquisition bug of multi-player; pause-command sharing bug.

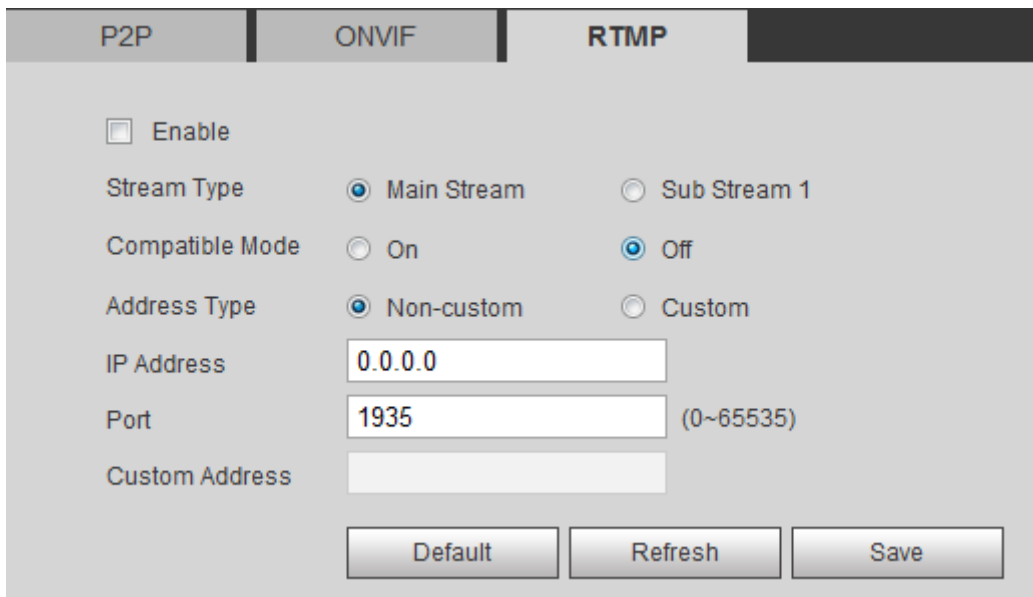
1.4 New Features Details

1.4.1 Added Compatibility Mode on RTMP Interface

For devices without audio function, compatibility mode is added on the RTMP interface, which is disabled by default. It is used to solve the problem that devices without audio function cannot connect to YouTube successfully.

When a device without audio function needs to connect to YouTube, select **On** to enable compatible mode, and then the device can connect to YouTube successfully.

Figure 1-1 RTMP interface



The screenshot shows the RTMP configuration interface. It includes the following elements:

- Navigation tabs: P2P, ONVIF, RTMP (selected).
- Enable checkbox: Enable.
- Stream Type: Main Stream, Sub Stream 1.
- Compatible Mode: On, Off.
- Address Type: Non-custom, Custom.
- IP Address:
- Port: (0~65535)
- Custom Address:
- Buttons: Default, Refresh, Save.

1.5 Compatibility

1.5.1 Program

Compatible with earlier versions.

1.5.2 Browser

IE9\IE10\IE11\Firefox\Chrome (Use Chrome under V42, and Firefox under V52)

1.5.3 Third Party Access

- CGI testing tool version: V2.89.0.1
- ONVIF testing tool version: V20.06
- ONVIF: Supports ProfileS, G, T

1.6 Software Environment

Category	Model	Version
NVR	NVR4208-8P-4KS2	DH_NVR4XXX-4KS2_MultiLang_V4.001.0000000.1.R.200424.zip
	NVR2104-P-4KS2	DH_NVR2XXX-4KS2_MultiLang_NP_V4.000.0000000.1.R.190809.zip
	NVR4X-I	DH_NVR4XXX-I_MultiLang_NP_V4.000.0000000.1.R.20190809.zip
	NVR5432-16P-I	DH_NVR5XXX-I_MultiLang_NP_V4.000.0000000.1.R.20190809.zip
Other storage devices	IVSS7-I	DH_IVSS7XX_Eng_V2.000.0000001.0.R.190430.BIN
Client	DMSS	iDMSS Plus:V1.72.000 gDMSS Plus:V1.80.000
Tool	SmartPSS	DH_SMARTPSS-Win32_ChnEng_IS_V2.003.0000000.0.R.190802.zip
	SmartPlayer	General_SmartPlayer-Win32_Eng_IS_V4.000.0000000.5.R.20180201.zip
	Configtool	General_ConfigTool_ChnEng_V4.011.0000003.5.R.20190722.zip
Platform	DSS pro	General_DSS-PRO_Win64_IS_V7.002.0000002.1.R.20190418.exe
	DSS express	General_DSS-Express_win32_IS_V1.000.0000003.1.R.20190817.exe

1.7 Pending Issues

No.	Issue description	Possible result	How to fix
1	You cannot enable WDR and rotation mode at the same time. When you enable them at the same time, the system displays the information that configuration is not saved successfully, but without details.	When you enable WDR and rotation mode at the same time, the system displays the information that configuration is not saved successfully, but without details.	—

1.8 Update Guide

For camera upgrade, refer to *WEB3.0_Web Operation Manual*.

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