



Volt  
V2.800.0000000.10.R.191118  
Release Notes

ZHEJIANG DAHUA VISION TECHNOLOGY CO., LTD.

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# Release Notes

## 1.1 Overview

Item	Description
Product model	Volt platform series
Version	V2.800.0000000.10.R.191118
Software package information	DH_IPC-HX4XXX-Volt_MultiLang_NP_Stream3_V2.800.0000000.10.R.191118.zip DH_IPC-HX4XXX-Volt_MultiLang_PN_Stream3_V2.800.0000000.10.R.191118.zip DH_IPC-HX5XXX-Volt_MultiLang_NP_Stream3_V2.800.0000000.10.R.191118.zip DH_IPC-HX5XXX-Volt_MultiLang_PN_Stream3_V2.800.0000000.10.R.191118.zip
OS requirement	None
Release date	Novemer 2019

## 1.2 New Features

Feature	Description
1	Updated the version to SDK011.
2	Updated face algorithm. Adopts Head and Shoulders model to reduce false alarms.
3	Face snapshot optimized time was changed to 10 s.
4	Added face exposure function.
5	14 languages (general version).
6	Added the content about materials switch of 517 Program.
7	Corner network camera: Added 2048 × 1536 resolution.
8	Optimized IVS algorithm to reduce false alarm triggered by small animals such as dogs and cats.
9	Deleted the mpeg code of sub stream 2.

## 1.3 Fixed Bugs

None.

## 1.4 Compatibility

### 1.4.1 Program

For IPC-HX5XXX:

DH\_IPC-HX5XXX-Volt\_MultiLang\_NP\_Stream3\_V2.800.0000000.8.R.190902.zip

DH\_IPC-HX5XXX-Volt\_MultiLang\_PN\_Stream3\_V2.800.0000000.8.R.190902.zip

DH\_IPC-HX5XXX-Volt\_MultiLang\_NP\_Stream3\_V2.800.0000000.6.R.190801.zip

DH\_IPC-HX5XXX-Volt\_MultiLang\_PN\_Stream3\_V2.800.0000000.6.R.190801.zip

For IPC-HX4XXX:

DH\_IPC-HX4XXX-Volt\_MultiLang\_NP\_Stream3\_V2.800.0000000.8.R.190902.zip

DH\_IPC-HX4XXX-Volt\_MultiLang\_PN\_Stream3\_V2.800.0000000.8.R.190902.zip

DH\_IPC-HX4XXX-Volt\_MultiLang\_NP\_Stream3\_V2.800.0000000.6.R.190801.zip

DH\_IPC-HX4XXX-Volt\_MultiLang\_PN\_Stream3\_V2.800.0000000.6.R.190801.zip

## 1.4.2 Browser

IE8/IE9/IE10/IE11\Firefox 56.0\Chrome 70.0.3538.102

## 1.4.3 Third Party Access

- CGI testing tool version: V3.01.5
- ONVIF testing tool version: V18.06\_SR1
- ONVIF: Supports ProfileT
- MILESTONE testing tool version: Xprotect Corporate 2018, device pack 9.6a
- GENETEC testing tool version: Security Desk 5.7 GA

## 1.5 Software Environment

Platform	Model	Version
NVR	DHI-NVR4416-16 P-4KS2	DH_NVR4XXX-4KS2_MultiLang_NP_V4.000.0000000.1.R.190809.zip
	DHI-NVR4432-I	DH_NVR4XXX-I_MultiLang_NP_V4.000.0000000.1.R.20190809.zip
	DHI-NVR5432-4K S2	DH_NVR5XXX-4KS2_MultiLang_NP_V4.000.0000000.1.R.20190809.zip
	DHI-NVR5216-16 P-I	DH_NVR5XXX-I_MultiLang_NP_V4.000.0000000.1.R.20190809.zip
Client	SmartPSS	DH_SMARTPSS-Win32_ChnEng_IS_V2.002.0000009.0.R.190426.zip
	DMSS	gDMSS plus 4.11.001
Tool	Player	General_SmartPlayer-Win32_Eng_IS_V4.000.0000000.5.R.20180201.zip
	ConfigTool	General_ConfigTool_ChnEng_V4.011.0000003.5.R.20190722.zip
	PlaySDK	General_PlaySDK_Chn_Windows32_IS_V3.040.0000000.2.R.180704.zip
	NetSDK	General_NetSDK_Chn_Win32_IS_V3.050.0000003.1.R.181031.7z
DSS	DSS PRO	General_DSS-PRO_Win64_IS_V7.002.0000002.1.R.20190418.exe

## 1.6 Pending Issues

No.	Issue description	Possible result	How to fix
1	When sub stream 2 was enabled, the frame rate switches from PAL to NTSC. The frame rate value of sub stream is 12 on the web interface, but the actual value is 30.	The actual frame rate value is higher than the value displayed on the web interface.	Click <b>Refresh</b> on the web interface, or switch the frame rate from PAL to NTSC before enabling sub stream 2.
2	[Stability] The usage of CPU is too high, which is more than 90%.	When intelligent functions are enabled, the usage of CPU will be higher, which will cause some other exceptions.	Do not enable too many functions at the same time.
3	The recognition of SD card on web interface is not stable, and it will take more than 10 minutes to view the playback video.	It will take a long time to view the playback video in SD card.	Reduce pictures or files that are stored in SD card, or store pictures or files in storage device.

## 1.7 Update Guide

None.

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