Rhea_ V2.800.0000000.4.R.191105

Release Notes

ZHEJIANG DAHUA VISION TECHNOLOGY CO., LTD.

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- Succeeding products and release notes are subject to change without notice.
- If there is any uncertainty or controversy, please refer to our final explanation.

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Release Notes

1 Overview

Item	Description
Product model	Rhea platform 2.800 baseline
Version	V2.800.0000000.4.R
Software package information	DH_SD-Mao-Rhea_MultiLang_NP_Stream3_IVS_V2.800.0000000.4.R.191105.zip
	DH_SD-Mao-Rhea_MultiLang_PN_Stream3_IVS_V2.800.0000000.4.R.191105.zip
OS requirement	None
Release time	2019/10

2 New Features

Feature	Description
1	Optimized storage path: Folder hierarchy is simplified for storing recording and pictures.
2	Even transmission strategy: Transmit TCP and UDP streams evenly to alleviate the problem of stuck screen when network bandwidth is limited.
3	Customizable display duration of preset titles: Users can customize the display duration of preset titles on the screen.
4	Some OSD related functions such as custom overlay are added; **Input Tex**t line is increased to 14 rows; **Channel Title** line is increased to 2 rows.
5	Security Baseline V2.0: Add some security functions, such as tracing code, firmware packet encryption, abnormality linkage alarm, and authentic upgrade.
6	No plug-in program phase 2: High version browsers (such as Chrome later than 42, Firefox later than 52) support H265, smart encoding, and other functions.
7	Tour, pattern and preset calling will not be affected by the PTZ speed change.
8	Users can connect the third party platforms to play live video through RTMP protocol.
9	Heat map is bound with presets instead of heat map smart plan now.
10	Snapshot by location: Only snapshots for certain locations will be stored.

11	Special presets serve as the shortcut for some special functions switch or calling, and they no longer represent the location of the PTZ camera.
12	When the PTZ life reaches the limit of 95%, the system will not be locked, and there is only risk prompt.
13	To ensure the login security and program upgrade compatibility, security mode and compatible mode are available for users to select.

3 Fixed Bugs

Fixed bugs	Description
1	Information push to foreign mailbox does not work properly.

4 Compatibility

4.1 Program

Compatible with earlier versions, but later versions cannot return to versions earlier than 2.800.

4.2 Browser

Support IE7 and later version, and other browsers such as Chrome, Firefox and Safari.

4.3 Third Party Access

- CGI: DH_CGITestTool_V3.01.6.R.20190409
- ONVIF testing tool version: V18.12
- ONVIF: Supports ProfileG and Profile S
- MILESTONE testing tool version: 2018R3 V12.3a Build: 9446
- GENETEC testing tool version: Security Desk 5.7SR3

5 Software Environment

Platform	Model	Version
Product	NKB1000	2.5.02.01.57557: General_NKB1000_ChnEng_V2.620.0000000.0.R.20180115.zip
Product	NVR4416-16P-4KS2	2.6.01.02.04046: DH_NVR4XXX-4KS2_Chn_V4.000.0000001.1.R.190830.zip 2.6.01.02.04048: DH_NVR4XXX-4KS2_MultiLang_V4.000.0000001.1.R.190830.zip
Product	NVR2104HS-P-4KS2	2.6.01.02.03736: DH_NVR2XXX-4KS2_MultiLang_NP_V4.000.0000000.1.R.190809.zip
DSS	DSS Pro	2.7.01.02.00376: General_DSS-PRO_Win64_IS_V7.002.0000002.1.R.20190418.exe

Platform	Model	Version
Client	SmartPSS	2.7.05.01.00436: General_SMARTPSS-Win32_ChnEng_IS_V2.003.0000000.0.R.190802.zip
Tool	Player	2.8.02.01.00019: General_SmartPlayer-Win32_Chn_IS_V4.000.0000000.5.F01.R.20180515.zip
Tool	ConfigTool	2.8.03.01.00070: General_ConfigTool_ChnEng_V4.011.0000003.5.R.20190722.zip

6 Pending Issues

No.	Issue Description	Possible Result	How to Fix
1	PTZ program upgrade of PTZ camera 42 fails occasionally.	Have little effect because users seldom upgrade PTZ program, and this issue occurs only occasionally.	Upgrade again to fix the issue.

7 Update Guide

Do not disconnect your devices from the power source. If you have updated the program to this version, later versions cannot return to versions earlier than 2.800.