DH_HCVR5x08-S3_EngSpnFrn_NP_V3.218.0000002.1.R.171229

Release Note

Zhejiang Dahua Vision Technology Co.,Ltd

Important Safeguards and Warnings

Before Start

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Update and revision

- This user's manual for reference only. Slight difference may be found in the user interface.
- All the designs and software here are subject to change without prior written notice.
- If there is any uncertainty or controversy, please refer to the final explanation of us.
- Please visit our website or contact your local retailer for more information.

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Release Note

1 Version Basic Info

Product Name	DH3.RD000710 Hisilicon Platform Software Baseline Project
Version No.	V3.218.0000002.1.R
Software Package Info	DH_HCVR5x08-S3_EngSpnFrn_NP_V3.218.0000002.1.R.171229.zip
Model	DHI-HCVR7104C-S3 DHI-HCVR7104HE-S3 DHI-HCVR7204A-S3 DHI-HCVR5108C-S3 DHI-HCVR5108HE-S3 DHI-HCVR5108HS-S3 DHI-HCVR5208A-S3 DHI-HCVR7104H-S3 DHI-HCVR4116HE-S3 DHI-HCVR4116HS-S3 DHI-HCVR4216A-S3 DHI-HCVR4216AN-S3 DHI-HCVR2116HS-S3 DHI-HCVR5108H-S3
OS	N/A
Release Date	2017-12-29

2 Product Basic Functions and Applications

Comparing to previous applications V3.218.0000001.2.R.170808, this baseline mainly fixes the bugs, and perfects some original functions and adds some new functions. Upgrade the DVR device to enjoy the new features and have better user experience.

3 Newly Added or Enhanced Functions

Comparing to the previous application, it adds the following functions:

Function Name	Function Description
Fix bugs	1. Fixed bugs feedback from the market since the release of the previous version.
Optimize USB backup device speed	1. USB2.0 backup device speed has increased by 50%, USB2.0 speed can reach 6MB/s. 2. USB3.0 backup device speed has increased by 50%, USB3.0, portable HDD speed can reach 10MB/s, 26MB/s respectively.
Optimize Smart 264 encode efficiency.	After optimization, for the Smart 264 encode mode, it can get the same video effect by less bit rate.
Optimize pre-set password strategy when adding network camera	1. With the promotion of the company baseline applications, the new released network camera applications and DVR applications shall support initialization function and do not support **admin** default password. Previous DVR applications adopt **admin** password to add network camera by default, it may result in failure. After optimize pre-set password strategy, it can fast and easily to add network camera. 2. New pre-set password strategy can automatically check the network camera support initialization or has been initialized at all, and then automatically fill in the corresponding password to add. For the network camera does not support initialization function, DVR still uses **admin** password to add. For the initialized network camera, it uses corresponding password of DVR **admin** user to add.
The cloud upgrade 2nd plan	1. Fix the bugs of the cloud upgrade 1st plan, local and WEB interface add small red dot to remind user there is any upgrade applications or not. 2. In the cloud upgrade 1st plan, DVR can use the network to push upgrade applications. It is easy for the user to upgrade DVR applications. In the cloud upgrade 2nd plan, it can use the DVR as the agent to push connected network camera applications. It is suitable for the user to upgrade network camera applications.
Disable password reset function	1. In the previous version, DVR supports password reset function. It is suitable for the user to reset password via the reserved e-mail in case the user forgot password. 2. The password reset function is optional. It gives user security rights to enable/disable password reset function according to the actual requirements. Please note: Once the password reset function is disabled, user can only use the security questions on the menu to reset the password (Please check the security questions has been enabled.) For the device of the reset button on the mainboard, user can use the reset button to restore factory default settings.

4 About Fixed Bugs

Fixed bug	Details
Alarm upload channel number error	1. In the previous applications, when CVI alarm triggered corresponding functions, the all alarm upload channel numbers are 0. 2. Current baseline applications fix the above bug.

5 Compatible Software Version Info

The revised baseline V3.218.0000002.1.R is compatible with previous baseline V3.218.0000001.2.R.170808 and vice versa. It can upgrade from V3.218.0000001.2.R.170808 to V3.218.0000002.1.R or from V3.218.0000002.1.R to V3.218.0000001.2.R.170808.

6 Baseline Corresponding Software Info

1. Baseline corresponding software

   SmartPss：General_SmartPSS_ChnEng_Win32_IS_V2.02.0.R.171124.zip

   NKB5000：DH_NKB5000_Chn_V3.210.0003.0.R.170930.BIN

   NKB1000：General_NETKB1000_Chn_V2.610.0000.4.R.20161024.zip

   DSS7016：General_DSS70XXS2_Chn_Basic_Mysql_V3.10.001.R.20171110.tar

   NetSDK：General_NetSDK_Eng_Win32_IS_V3.48.2.R.170712.7z

   ConfigTool：General_ConfigTool_ChnEng_V4.09.0.R.20171010.zip

2. Decoder：

   General_NVD0405DH-4K_Chn_P_V3.200.0002.00.R.20170713.zip

3. Player：

   General_Player_Eng_WIN32_V3.44.0.R.170421.zip

4. Cell phone

   Android：

   General_DMSS-Android-Phone-Plus-Device_Internel_Basic_IS_V3.51.001.R.171113.apk

   General_DMSS-Android-Phone-Lite-Device_Internel_Basic_IS_V3.51.001.R.171113.apk

   iPhone：

   General_DMSS-IOS-Phone-Lite-Device_Internel_Basic_IS_V3.51.002.R.171121.ipa

   General_DMSS-IOS-Phone-Plus-Device_Internel_Basic_IS_V3.51.002. R.171121.ipa

7 Pending Bugs

SN	Bug	Description	How to fix

1	On the local menu, use the displayer to playback the record file of the audio (including instant playback, record playback, the event playback from the log interface), click pause button and then start play again, the audio stops for almost 1 second.	The slightly pause status does not lose any audio data. It slightly affects user experience. The whole risk is under control and there is plan when release. It is going to be fixed in the previous version.	During the pause period, drag the process bar or playback again to play.
2	Smartpss cannot get the intelligent network camera, intelligent PTZ camera smart rules connected to the DVR.	It is rare to use DVR work with the network camera, intelligent PTZ camera via the Smartpss. The risk is under control. There is plan when release. It is going to be fixed in the previous version.	Use local or WEB interface to view.

8 Upgrade

1. The upgrade mode includes configtool, web, USB device. Please refer to the upgrade manual for detailed information.
2. During the upgrade process, the functions such as record, network preview is null. After upgrade and reboot process, the device becomes OK.
3. The previous device settings remain the same.
4. During the upgrade process, do not shut down the device or unplug the power cord. Otherwise, the device may become malfunction and cannot boot up.