V4.000.0000001.4.R

Release Note

Zhejiang Dahua Vision Technology Co.,Ltd

Before Start

Copyrights

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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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1 Version Basic Info

Version No.	V4.000.0000001.4.R
Software Package Info	DH_XVR5x08-X_Internal_PN_V4.000.0000001.4.R.180317.zip DH_XVR5x08-X_Internal_NP_V4.000.0000001.4.R.180317.zip
Model	DH-XVR4116HS-X DH-XVR4216AN-X DH-XVR5104C-4KL-X DH-XVR5104H-4KL-X DH-XVR5104HS-4KL-X DH-XVR5108C-X DH-XVR5108H-X DH-XVR5108HE-X DH-XVR5108HS-X DH-XVR7104HE-4KL-X
Software Package Info	DH_XVR5x16-X_Internal_NP_V4.000.0000001.4.R.180317.zip DH_XVR5x16-X_Internal_PN_V4.000.0000001.4.R.180317.zip
Model	DH-XVR4232AN-X DH-XVR5108H-4KL-X DH-XVR5108HS-4KL-X DH-XVR5116H-X DH-XVR5116HE-X DH-XVR5116HS-X DH-XVR5208AN-4KL-X DH-XVR5216A-X DH-XVR5216AN-X DH-XVR7104E-4KL-B-X DH-XVR7104E-4KL-X DH-XVR7108E-4KL-B-X DH-XVR7108E-4KL-X DH-XVR7108HE-4KL-X DH-XVR7208A-4KL-X
Software Package Info	DH_XVR7x16-X_Internal_NP_V4.000.0000001.4.R.180317.zip DH_XVR7x16-X_Internal_PN_V4.000.0000001.4.R.180317.zip
Model	DH-XVR5116H-4KL-X

	DH-XVR5216AN-4KL-X
	DH-XVR5232AN-X
	DH-XVR7108HE-4K-X
	DH-XVR7116HE-4KL-X
	DH-XVR7208A-4K-X
	DH-XVR7216A-4KL-X
OS	N/A
Release Date	2018-03-17

2 Product Basic Functions and Applications

This series product is to work with the camera, HDD to monitor the specified position in the indoor environments. It can monitor, playback and support remote surveillance once connect the device to the network. It support cellphone monitor from anywhere at anytime via the Internet.

This series product supports five camera signals (CVI,AHD,TVI,CVBS,IPC) and can connect to the popular signal types on today's market. It can use the original coaxial cable and support network cable too. It is suitable to upgrade the current system, at the same time; it can meet the expansible requirements of new projects.

CVI product has entered the H.265 era. With the lower bit stream, higher compression technology, it can reduce storage space and network transmission data.

3 Newly Added or Enhanced Functions

New H.265 series products. new software baseline security, it adds the following functions:

📖 Note

Different series products may support different function.

Function Name	Function Description
H.265 encode	All-channel support H.265+,H.265 encode. Smart H.265 encode reduces video bit streams and storage space by 90% and can storage record file of longer time.
IoT sensor connection	1. Read temperature and humidity information from the camera that supports these function. 2. Support door sensor, smoke sensor, PIR, IR curtain, water leakage, emergency button via the gateway camera and wireless module after pairing wireless accessory module.
Support various languages	Support as much as 21 languages. No need to reboot DVR to activate new language settings.
Shining new GUI	Shining new local and WEB UI style. New boot up log and WEB login logo.

All function of the security baseline	This project is based on the security line. It supports all new functions of the security baseline such as device initialization, network security baseline, PIR connection, alarm box connection, cloud upgrade, fisheye de-warp, USB keyboard and etc.
4K composite connection	The first composite device that supports 4K high definition. The analog HD maximally supports 4K connection, AHD and TVI maximally supports 5MP connection. It covers the highest specifications in current analog HD market.
CVI features	1. Support all CVI features such as HDCVI audio, HDCVI alarm, HDCVI upgrade, HDCVI control. 2. The only hybrid series product supports HDCVI audio on today's market.
Sub stream 960H encode	The sub stream supports 960H resolution local encode. It meets the remote sub stream surveillance of high definition requirements.
Reset function	1. Using the reset button on the main board, user can restore factory default settings without logging in the device. It can fix the problem when user cannot login the device due to forget password or configuration error. 2. Operation steps: Open the device case-> Find the reset button->Press the reset button->boot up the device->press for 5 to 10 seconds and then release. Device automatically restores factory default settings and then reboot.
Case fan control function	Set case fan mode on the local menu. When the mode is auto, device can automatically control fan on/off according to environment temperature. It is to reduce noise. Operation steps: Local menu->Setting->System->Auto maintain.

4 About Fixed Bugs

It is the first time to release.

5 Compatible Software Version Info

It is the first time to release.

6 Baseline Corresponding Software Info

1. Baseline corresponding software
   SmartPss：General_SmartPSS_ChnEng_Win32_IS_V2.02.0.R. 171124.zip

   NETKB5000：DH_NKB5000_Eng_V3.210.0003.0.R.170930.BIN

   NKB1000：General_NETKB1000_ChnEng_V2.610.0000.4.R.20161024.zip

   DSS：General_DSS_PROFESSIONAL_V7.01.000.R.20171208.exe

   General_DSS_Eng_Basic_V6.08.000.R.20170713.tar.gz

   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_Eng_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_V3.52.000.R.171226

iPhone：General_DMSS-IOS-Phone-Plus-Device_Internel_Basic_IS_V3.51.002

7 Pending Bugs

SN	Bug	Description	How to fix
1	N/A		

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 device setting remains the same after upgrade.
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.