

Turbo HD DVR V3.4.81_Build170227 Release Notes (2016-03-03)

Firmware Basic Information	Firmware Version:	V3.4.81_Build170227
	SDK Version:	V5.2.6.25_build20170104
	Play Library (PlayCtrl.dll)	6.0.0.4
	player	7.3.2.63
	Web version	V4.0.1 build 170118
	Client version	V2.05.06.07 build20170210

Reason of Upgrade

This version deletes **Hiddns** and **IP server** service, newly support **Hik-Connect.**, newly support **AHD/CVI 1080P lite mode**. This version is only suitable for DS-71/7200HGHI-Fx, DS-71/72/73/8100HQHI-Fx/N, DS-72/73/76/81/9000HUHI-Fx/N. Add some new functions, modify some functions, enhance products quality and meet customers' requirements.

Main update

New functions

- i. **HGHI-F&HQHI-F/N Series newly support AHD/CVI signal 1080P lite mode.** (TVI signal 1080P lite mode has been already supported in previous version)

- 1) When 1080P lite mode is enabled, all channels support 1080P TVI/AHD/CVI signal input.
- 2) The encoding and decoding ability of AHD/CVI 1080P Lite are same with TVI 1080P lite

Note: only the units that support 5 in 1 function can support AHD/CVI 1080P signal input.

Support? (5in1)	HGHI-F (hardware version)	HQHI-F/N,HUHI-F/N (hardware version)
Yes	0x7 or above	0x8 or above

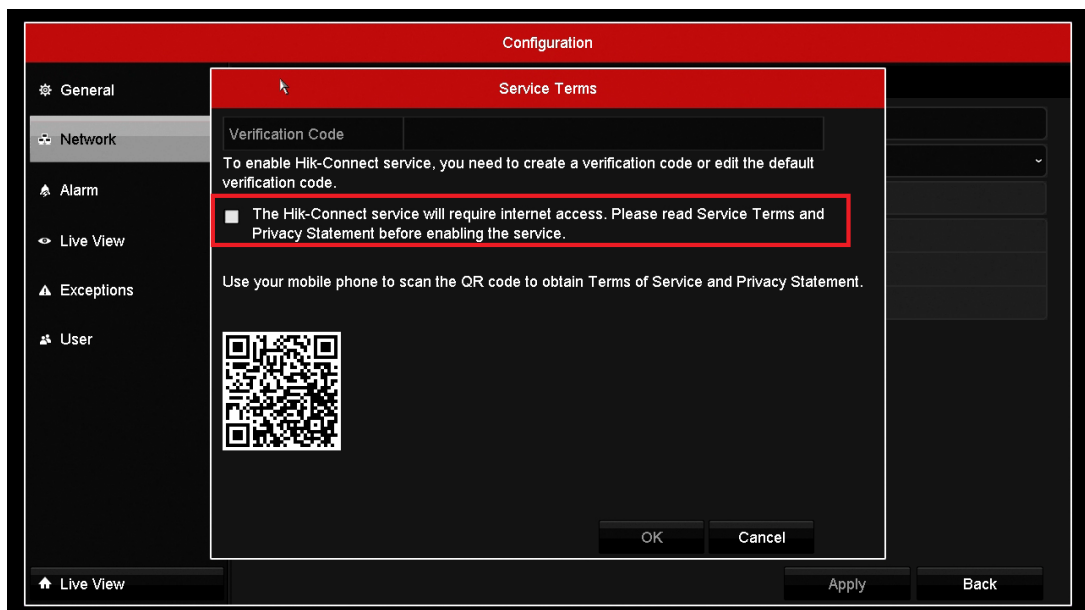
- ii. The units that support 5in 1 function newly support **coaxial PTZ control of AHD/CVI camera**.

- 1) The name of AHD/CVI/TVI coaxial control protocol is changed as **UTC(Coaxitron)**.
- 2) The units that don't support 5 in 1 function now don't support CVI signal input. The name of PTZ protocol remains HIKVISION_C and AHD_C.

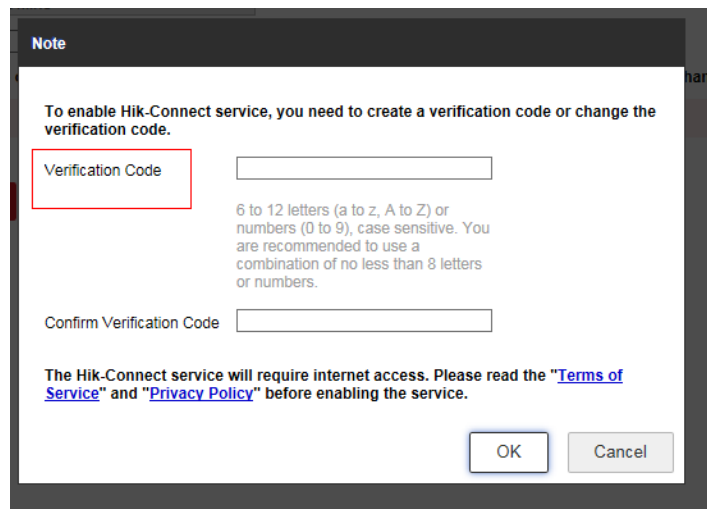
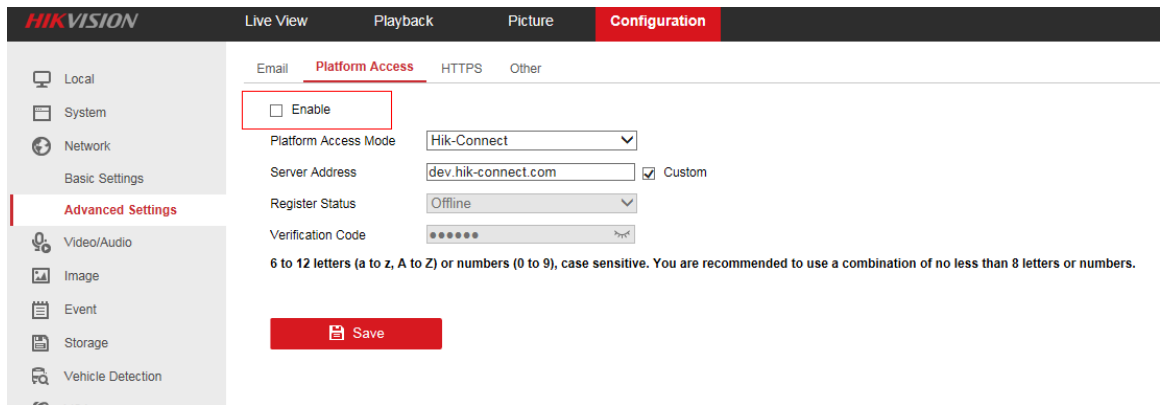


iii. HIDDNS Function modification

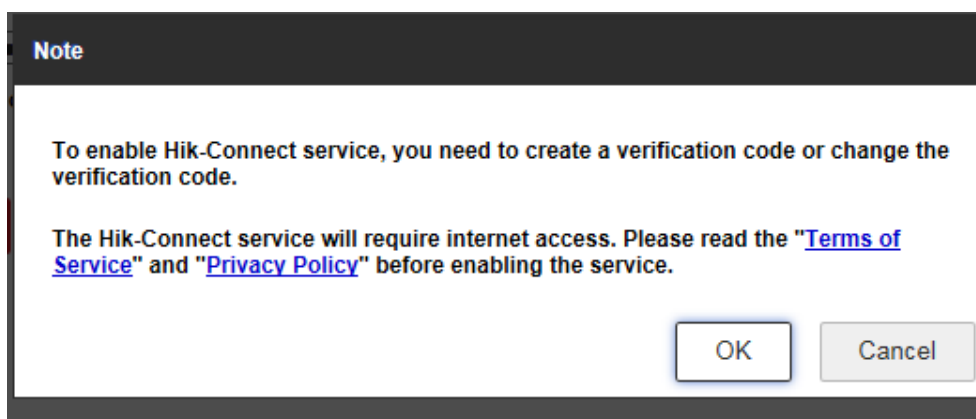
- 1) Delete **hiddns** and **IP server** service from DVR, replaced by **Hik-Connect** domain function; reserve third party DDNS: DynDNS, PeanutHull and NO-IP.
- 2) Hik-Connect(HC) function is not enabled **as default**. Based on security strategy, when users enable HC function, it will pop up a hint for creating a verification code and reading the **Terms of Service** and **Privacy Statement**. Users need to create a new verification code or edit the default verification code to enable HC service.
 1. On the interface of(GUI/4200/IE), to enable HC service, users need to check the checkbox below and set the verification code.



2. The new units require inputting custom verification code to enable HC.



3. If the previous version device has enabled the HC(or EZVIZ) and updated to this version, HC service is still enabled.



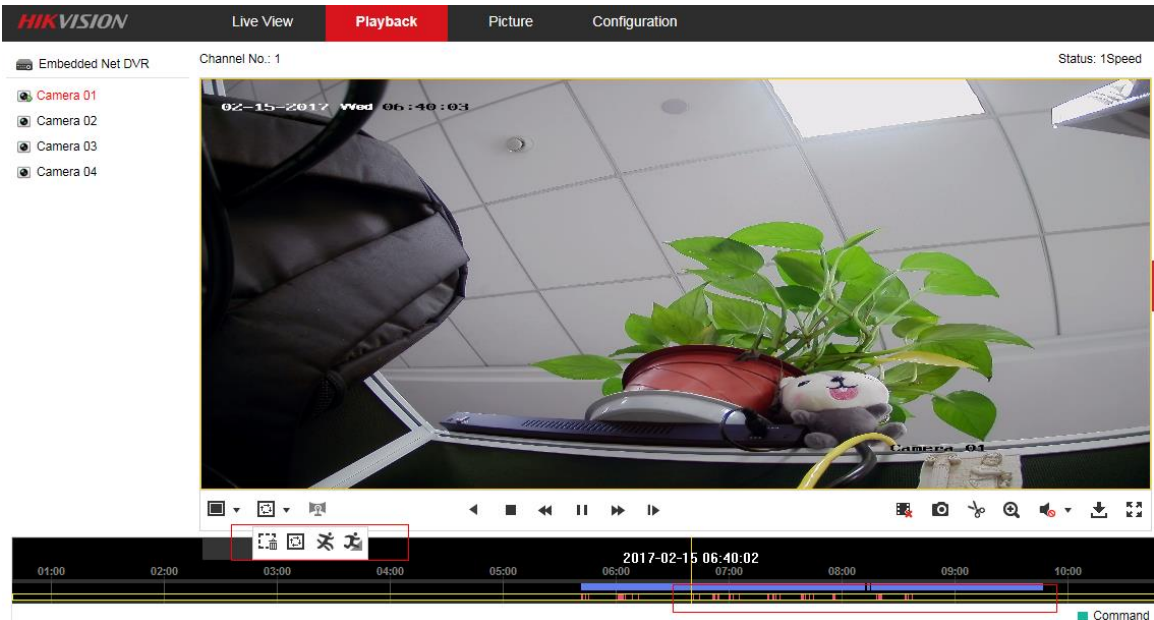
- 3) DVR supports adding the IPCs by IPCs' HC domain, if the IPCs and DVR are in the same HC account or the IPC is shared.

iv. 16-ch HGHI-F unit encoding strategy modification.

Generally speaking, not all channel of 16-ch HGHI-F device are used for connecting cameras, therefore when there is no signal input, the encoding frame rate of this channel is now set as 1fps, even though

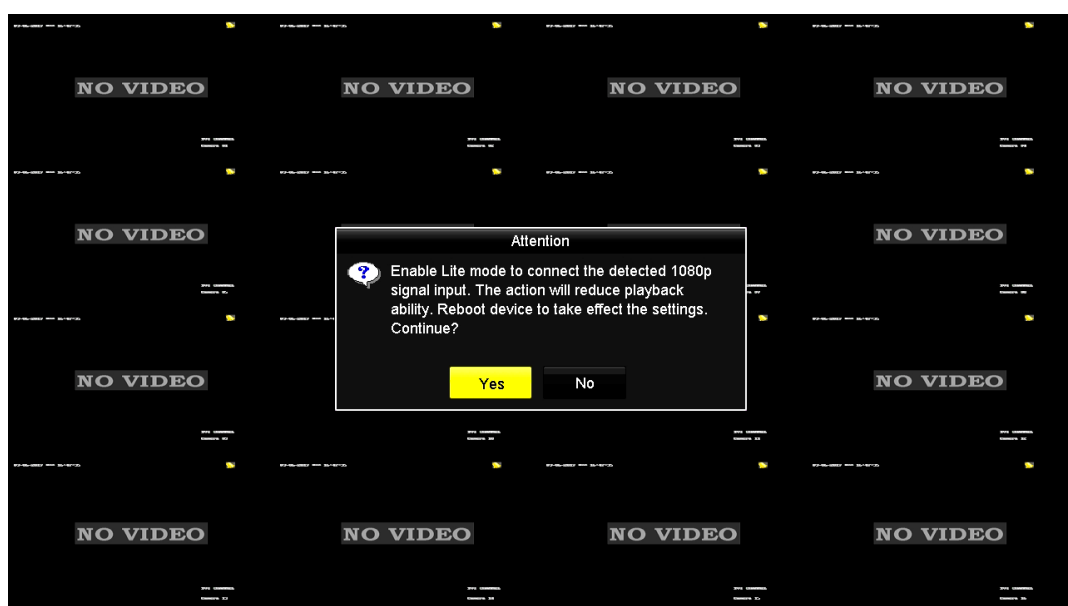
the configuration of local interface is set as other encoding frame rate.

- v. Newly support Arabic Language, modify some Japanese language expression.
- vi. Newly support VCA search function of remote playback. Supported VCA type: Motion Detection, Intrusion Detection, Line Crossing Detection.

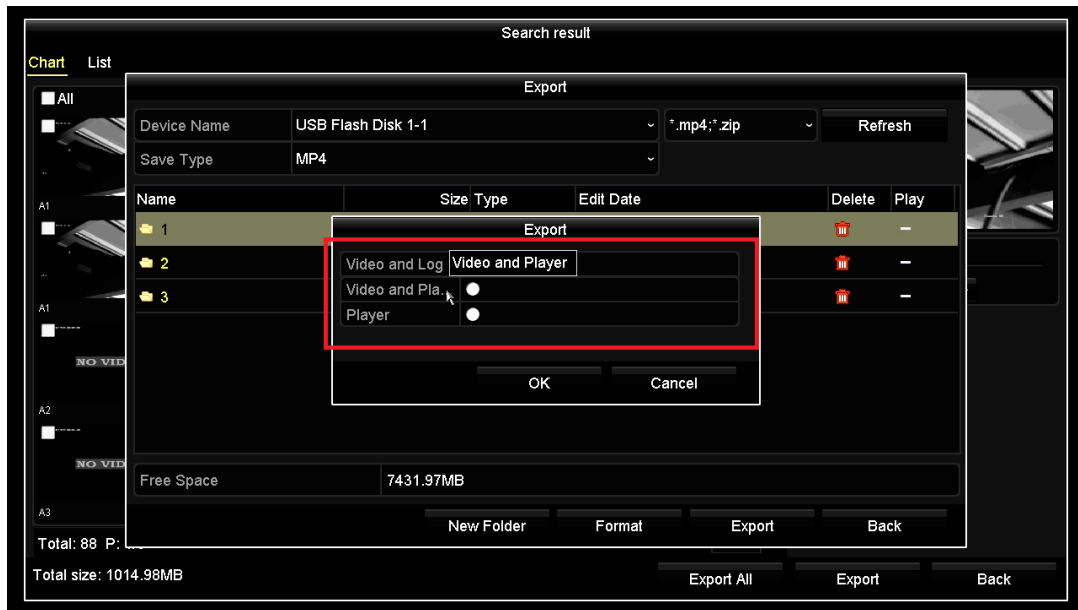


- vii. Hint for enabling 1080P lite.

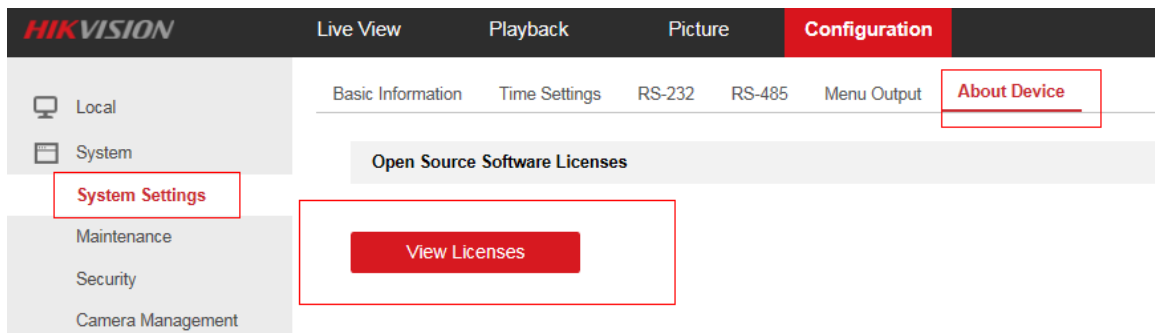
For HGHI-F series units, if the 1080P Lite mode is not enabled and the device is on the live view interface, when connecting the 1080P camera to the DVR, it will pop up a hint "Enable Lite mode to connect the detected 1080P signal input. The action will reduce playback ability. Reboot device to take effect the settings, Continue?"



- viii. Newly support “video and player” option for exporting



- ix. Newly adding the interface of **3rd party Open Source Software Licenses** on the webpage of device. Click the “view license”, it will open a webpage of licenses detail information.



- x. Modify some areas time zone.

- 1) Adjust Turkey (Istanbul / Moscow / St Petersburg) time zone to UTC+3:00
- 2) Adjust Novosibirsk time zone to UTC+7:00
- 3) Newly add Caucasus time zone(GMT+04:00)
- 4) Adjust Magadan time zone to GMT+11:00

- xi. Improve the performance of motion detection.

- xii. Improve the image quality of AHD signal.

Modified functions

- i. Fixed the issue that audio exception detection of device 16th channel fails. Involved model: DS-8116HQHI-F8/N, DS-9016HUHI-F16/N, DS-9016HUHI-F8/N, DS-8116HUHI-F8/N.
- ii. Fixed the issue that there are ghost images when overlaying the medium POS character.
- iii. Fixed the issue that there is a black line on the aux-monitor of 4K output.
- iv. Fixed the issue that the admin account of device will not be locked after inputting the wrong password over 6 times when exporting the GUID file.
- v. Fixed the issue that IP cameras can't be added to DVR by its DDNS domain name.
- vi. Fixed the issue that DVR will crash if using the long password to recover DVR password by SADP.
- vii. Modify the English language expression: **Forget My Pattern** is changed as **Forgot My Pattern, Forget Password** is changed as **Forget Password**.
- viii. Other bugs fixed.

Related product list:

-F/N Series Turbo HD DVR	DS-7104HGHI-F1/N、DS-7108HGHI-F1/N、DS-7116HGHI-F1/N
	DS-7204HGHI-F1/N、DS-7208HGHI-F1/N、DS-7216HGHI-F1/N
	DS-7104HQHI-F1/N、DS-7108HQHI-F1/N、DS-7116HQHI-F1/N
	DS-7204HQHI-F1/N、DS-7208HQHI-F1/N、DS-7208HQHI-F2/N
	DS-7216HQHI-F1/N、DS-7216HQHI-F2/N
	DS-7304HQHI-F4/N、DS-7308HQHI-F4/N、DS-7316HQHI-F4/N
	DS-8104HQHI-F8/N、DS-8108HQHI-F8/N、DS-8116HQHI-F8/N
	DS-7104HGHI-F1、DS-7108HGHI-F1、DS-7116HGHI-F1
	DS-7204HGHI-F1、DS-7208HGHI-F1、DS-7208HGHI-F2
	DS-7216HGHI-F1、DS-7216HGHI-F2
	DS-7204HUHI-F1/N、DS-7208HUHI-F1/N
	DS-7204HUHI-F2/N、DS-7208HUHI-F2/N、DS-7216HUHI-F2/N
	DS-7604HUHI-F1/N、DS-7608HUHI-F2/N、DS-7216HUHI-F2/N
	DS-7304HUHI-F4/N、DS-7308HUHI-F4/N、DS-7316HUHI-F4/N
	DS-8104HUHI-F8/N、DS-8108HUHI-F8/N、DS-8116HUHI-F8/N
	DS-9004HUHI-F8/N、DS-9008HUHI-F8/N、DS-9016HUHI-F8/N

Customer Impact and Recommended Action

This new firmware upgrade is to improve product performance, and will take effect automatically after upgrading from previous versions. We'd like to inform you the above changes. Also, we are sorry for any possible inconvenience of use-habit changes caused by this action.

For questions or concerns, please contact our local technical support team.

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