

Turbo HD DVR V3.5.35 build180316 Release Notes (2018-03-23)

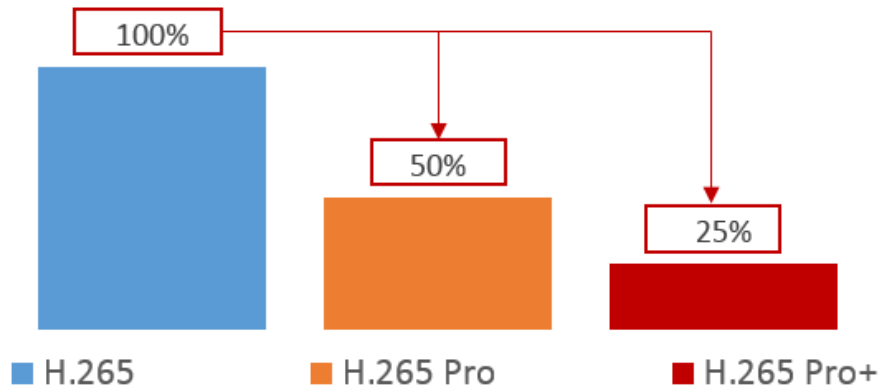
Firmware Basic Information	Firmware Version:	V3.5.35 build180316
	SDK Version:	V5.3.1.40
	player	4.8mini
	Play Library (PlayCtrl.dll)	7.3.3.64
	Web version	V4.0.1 build 171121
	Client version	V2.6.5.12build20171123

Reason of Upgrade

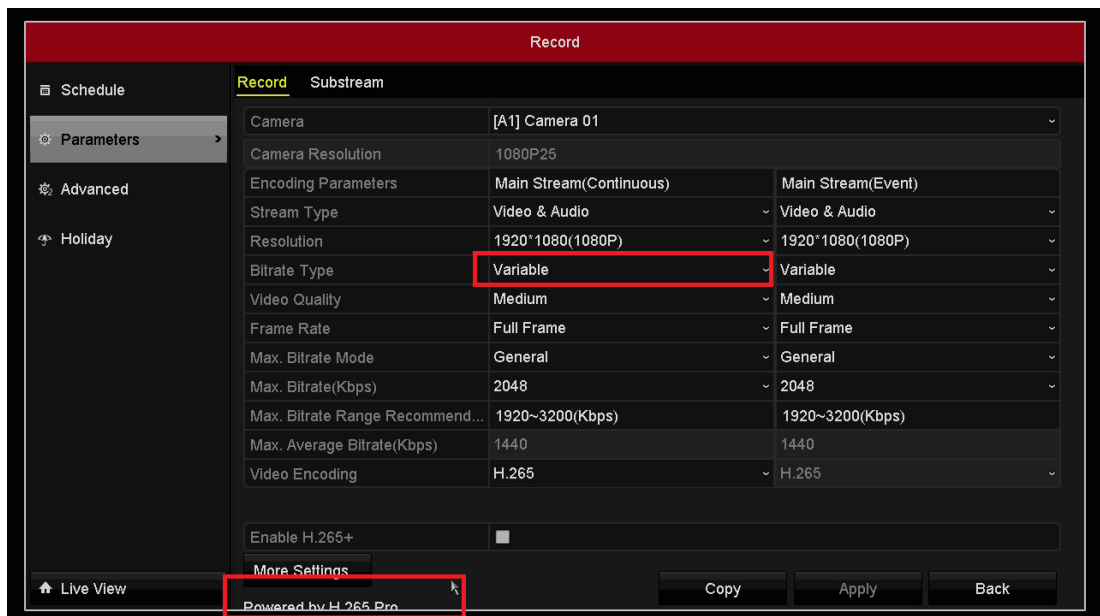
Release Hilook DVR new models: DVR-204U-F1, DVR-208U-F1, DVR-216U-F2 and 67HUHI-K Series DVS: DS-6704HUHI-K, DS-6708HUHI-K, DS-6716HUHI-K. Newly support H.265pro/H.265pro+ encoding type, add some new functions, modify some functions, enhance products quality and meet customers' requirements.

Main Features

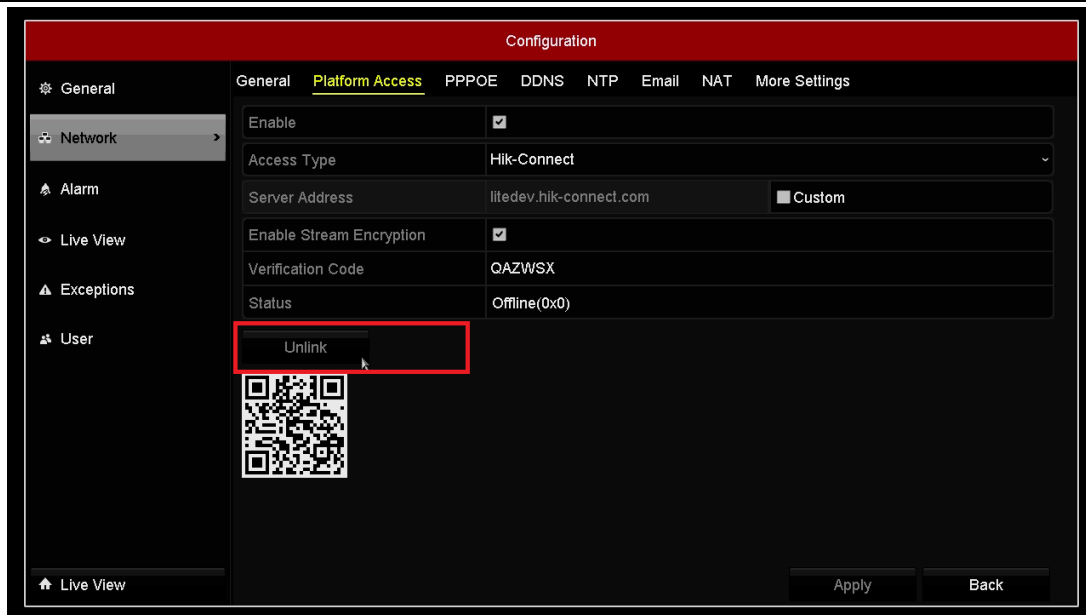
- i. Newly support connecting DVR to milestone platform via Onvif protocol.
- ii. Newly release Hilook DVR model: DVR-204U-F1、DVR-208U-F1、DVR-216U-F2
- iii. Newly release 67HUHI-K series DVS: DS-6704HUHI-K、DS-6708HUHI-K、DS-6716HUHI-K
- iv. Newly support **analog channel** H.265Pro & H.265Pro+ encoding methods. Enhance the video compression efficiency and reduce the storage usage.
 1. **How to enable:** set video encoding type as H.265 and bitrate type as **variable** or set encoding type as H.265+, then the encoding type will be changed as H.265Pro or H.265Pro+ automatically. The new encoding method is enabled as default.
 2. **How the new encoding method works:** the device can detect the states (movement or static) of current scene. Based on guaranteeing the quality of image, device automatically use high video bitrate for moving scene while lowering down the bitrate for static scene.
 3. **The advantage of new encoding methods:** Enhance the video compression efficiency and reduce the storage usage.



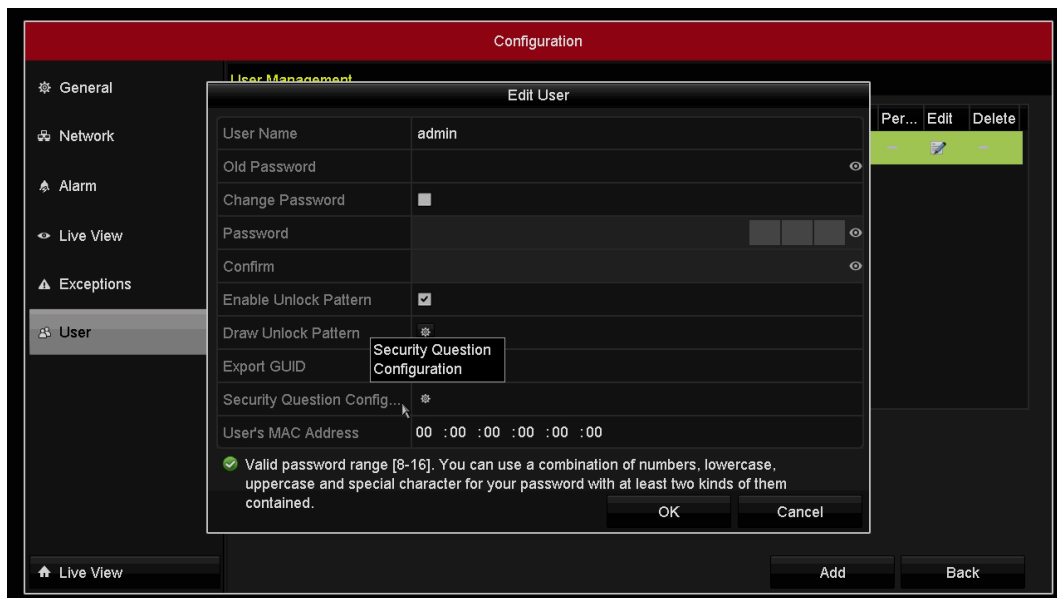
4. When the new encoding methods are enabled, there will be a hint “Powered by H.265 Pro” on the local GUI



- v. Newly support unbinding device Hik-Connect account on the local GUI.
 1. When the device is HC online and binding with HC account, the “Unlink” button is clickable.
 2. After clicking the Unlink and inputting the password of admin account, the device will be unbound.

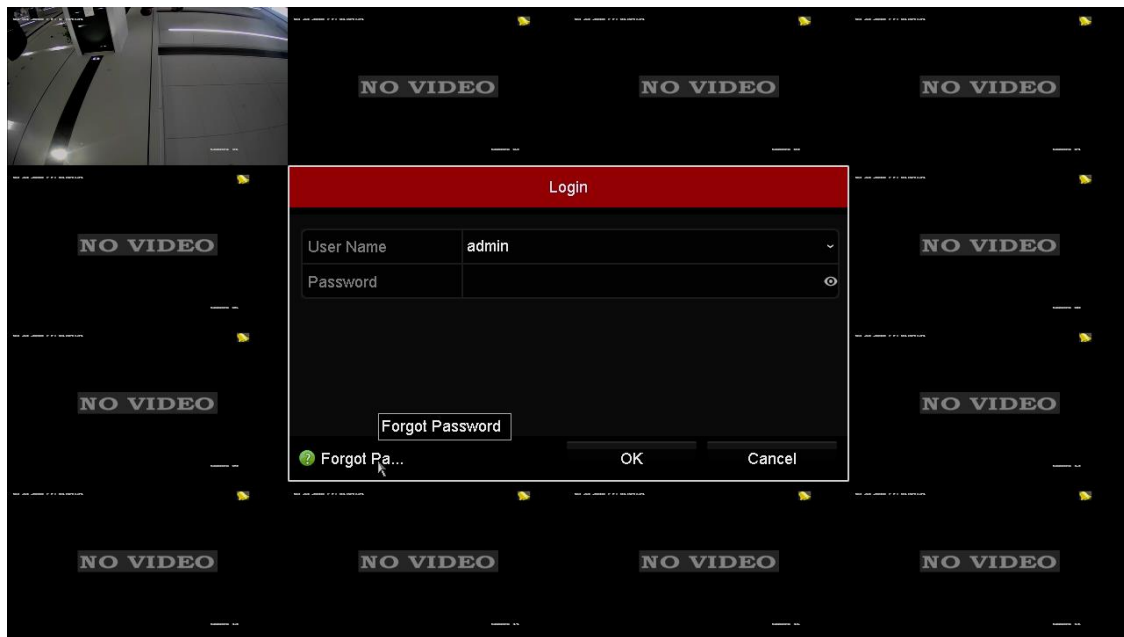


- vi. Improve the number of HC remote playback channel from 1 to 4.
- vii. Newly support keyboard 3D control operation on analog/IP PTZ which is connected to DVR. That means users can do the P/T operation while zoom.
- viii. DS-7300HQHI-K4 series DVR support VGA/HDMI non-simultaneous configuration.
- ix. Newly support resetting device password by answering the security questions on local GUI. The security questions can be configured through *configuration->user* or wizard.



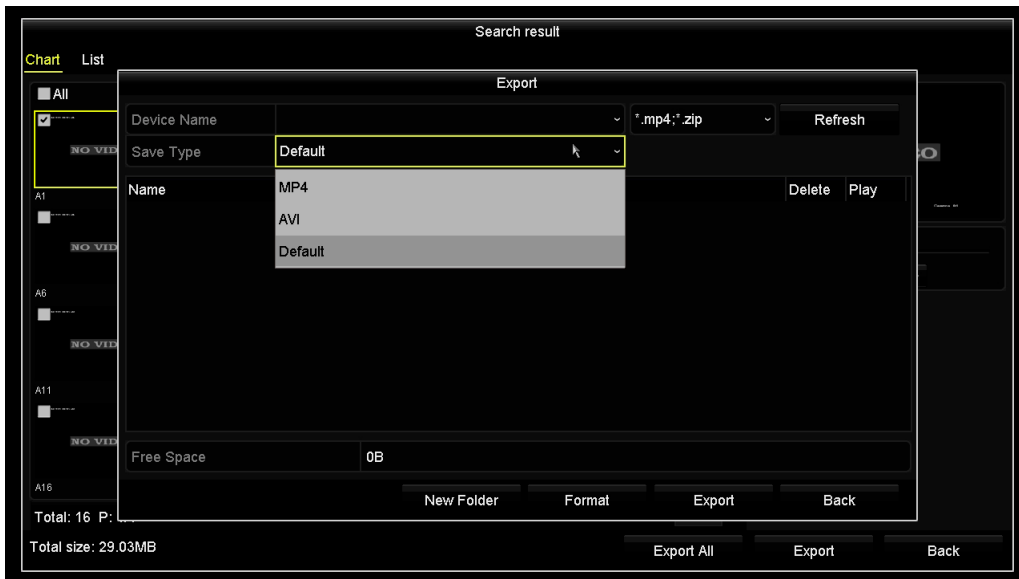


If forgetting the password of device, users can click Forget Password to recover.



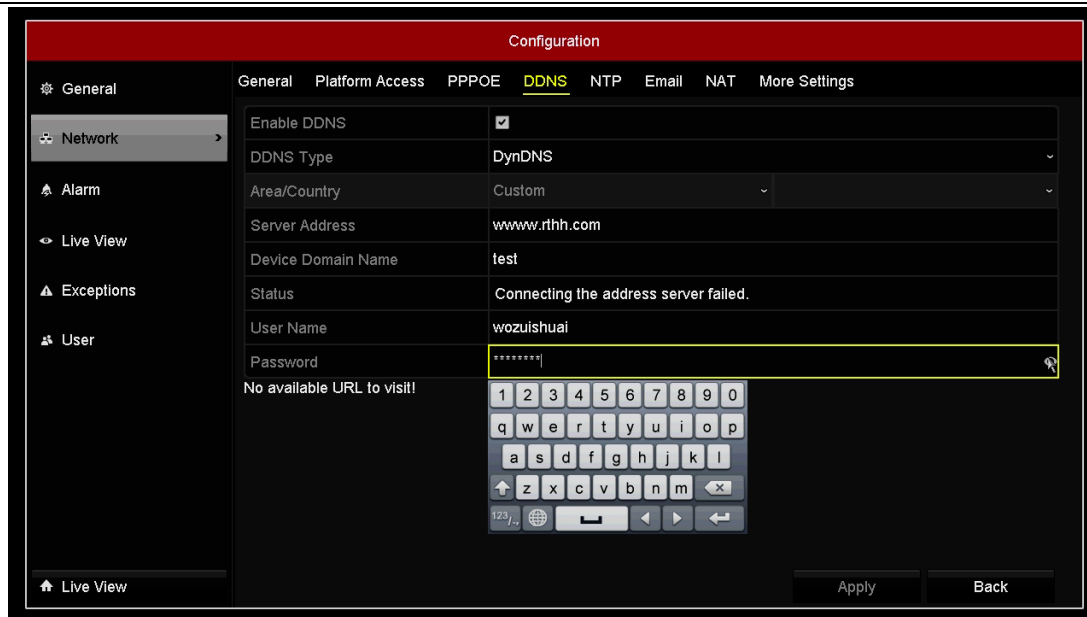


- x. Enhance the performance of web multi-channel H.265 recording file playback.
- xi. Newly support H.265 encoding MP4 format file export. The new exported MP4 recording file can be played via 3rd party player, such as VLC player.



Modified Functions

- i. Hide the display of password to protect users' sensitive information when inputting the information on DDNS,PPPOE and Email.



- ii. Fixed the issue that the alarm light of PIR camera may be turned on even the PIR even happened on non-schedule time.
- iii. Fixed the issue that remote live view of some IP channels failed from v3.5.30.
- iv. Fixed the issue that there is some probability that DS-73/81/9000HUHI-K series DVR may be frozen if creating raid more than 10TB.
- v. Optimized the display of PoC camera information on camera->PoC camera.
- vi. Fixed the issue that there is no audio output on local when previewing the IPC whose audio type is G722 on DS-73/81/9000HUHI-K series DVR.

Related product list:

K Series Turbo HD DVR	DS-7104HQHI-K1、DS-7108HQHI-K1、DS-7116HQHI-K1
	DS-7204HQHI-K1、DS-7208HQHI-K1、DS-7216HQHI-K1
	DS-7208HQHI-K2、DS-7216HQHI-K2
	DS-7204HQHI-K1/P、DS-7208HQHI-K2/P、DS-7216HQHI-K2/P
	DS-7204HUHI-K1、DS-7208HUHI-K1
	DS-7204HUHI-K2、DS-7208HUHI-K2、DS-7216HUHI-K2
	DS-7204HTHI-K1、DS-7204HTHI-K2、DS-7208HTHI-K2
	DS-7304HQHI-K4、DS-7308HQHI-K4、DS-7316HQHI-K4
	DS-7304HUHI-K4、DS-7308HUHI-K4、DS-7316HUHI-K4
	DS-9008HUHI-K8、DS-9016HUHI-K8
	DVR-204U-F1、DVR-208U-F1、DVR-216U-F2
	DS-6704HUHI-K、DS-6708HUHI-K、DS-6716HUHI-K

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.

Note:

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