Turbo HD DVR V3.5.10 build170518 Release Notes
(2017-05-24)

Firmware Basic Information	Firmware Version:	V3.5.10 build170518
	SDK Version:	V5.2.7.30 build20170428
	Play Library (PlayCtrl.dll)	7.3.2.0
	player	4.8mini
	Web version	V4.0.1 build 170419
	Client version	V2.5.8.101 build20170426

Reason of Upgrade

Newly release Turbo 4.0 DVR. Released K series DVR: DS-7204HQHI-K1、DS-7208HQHI-K1、DS-7208HQHI-K2、DS-7216HQHI-K1、DS-7216HQHI-K2、DS-7204HQHI-K1/P、DS-7208HQHI-K2/P、DS-7204HUHI-K1、DS-7204HUHI-K2, in which DS-7204HQHI-K1/P、DS-7208HQHI-K2/P are PoC DVR. Newly support H265/H265+ codec technology, newly support 8TB HDD. Add some new functions, modify some functions, enhance products quality and meet customers' requirements.
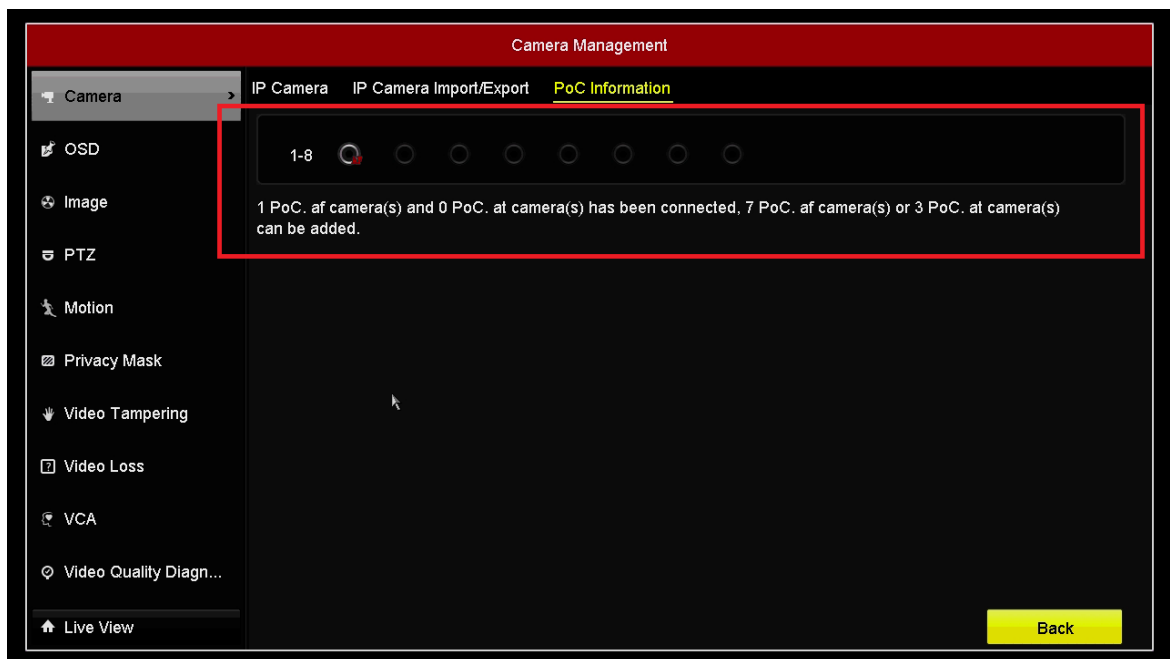
Main Features

i. Compatible with all functions on version 3.5.0, refer to 3.5.0 release notes for more details.

ii. Newly release K series DVR

1) Release new models: DS-7204HQHI-K1、DS-7208HQHI-K1、DS-7208HQHI-K2、DS-7216HQHI-K1、DS-7216HQHI-K2、**DS-7204HQHI-K1/P、DS-7208HQHI-K2/P**、DS-7204HUHI-K1、DS-7204HUHI-K2。

2) Newly support H265/H265+ codec technology, which is more efficient than H264 in video coding compression.

3) For HQHI-K series, support access of **3MP TVI** cameras. 3 MP signal input is only available for channel 1 of DS-7204HQHI-K1(/P), channel 1/2 of DS-7208HQHI-K2(/P), and for channel 1/2/3/4 of DS-7216HQHI-K2.

4) For HUHI-K series, Support encoding resolution and frame rate: 5MP@ 12fps，4MP @15fps，3MP@ 18fps，1080P@real time.

iii. **PoC DVR：**

1. Newly release PoC(Power over Coaxitron) DVR, model: **DS-7204HQHI-K1/P、 DS-7208HQHI-K2/P.**

2. PoC DVR both support PoC cameras and non PoC cameras access. For the time being, supported PoC

cameras includes DS-2xxxxD8T-xxx**E** and DS-2xxxxD9T-xxxE. PoC cameras can be sorted as AF and AT, and AF PoC cameras consume less power than AT PoC cameras. It will take a few seconds to connect the PoC cameras to DVR.
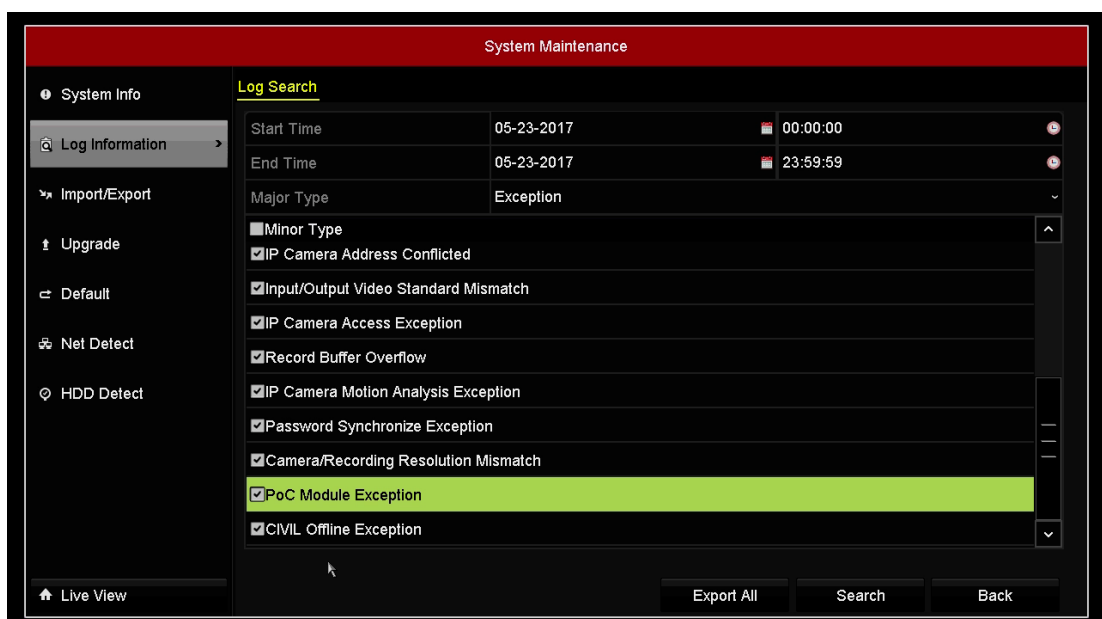
3. For now, only support connection of HIKVISION PoC cameras.

iv. Newly support displaying **PoC Information** on the local GUI: *Camera Management->Camera->PoC Information.* It will show corresponding camera type(AF/AT) when the channel is connected with camera, and show status of connected and to-be –connected AF or AT cameras.

v. Newly support exception type: **POC Module Exception.**

vi. Newly add **POC Module Exception** to log.

vii. IPC access:

1. Up to 2-ch 6MP IPCs access for 7204/7208/16HUHI-K

2. Up to 1-ch 4MP IPC access for 7204HQHI-K

3. Up to 2-ch 4MP IPCs access for 7208/7216HQHI-K

viii. Newly support **Hardware Version** in webpage of device.

ix. HQHI-K series support connecting 3MP TVI camera under 1080P lite mode.

x. Due to device performance restriction, maximum channel number of remote playback is restricted as 6.

Related product list:

K Series Turbo HD DVR	DS-7204HQHI-K1
	DS-7208HQHI-K1、DS-7208HQHI-K2
	DS-7216HQHI-K1、DS-7216HQHI-K2
	DS-7204HQHI-K1/P、DS-7208HQHI-K2/P
	DS-7204HUHI-K1、DS-7204HUHI-K2、DS-7208HUHI-K1、DS-7208HUHI-K2、DS-7216HUHI-K2

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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