

Turbo HD DVR V3.4.90 build170205 Release Notes (2017-02-15)

Firmware Basic Information	Firmware Version:	v3.4.90 build170205
	SDK Version:	V5.2.5.40_build20161102
	Play Library (PlayCtrl.dll)	6.2.0.3
	player	7.3.0.74
	Web version	V4.0.1 build161019
	Client version	V2.5.4.1 build20161121

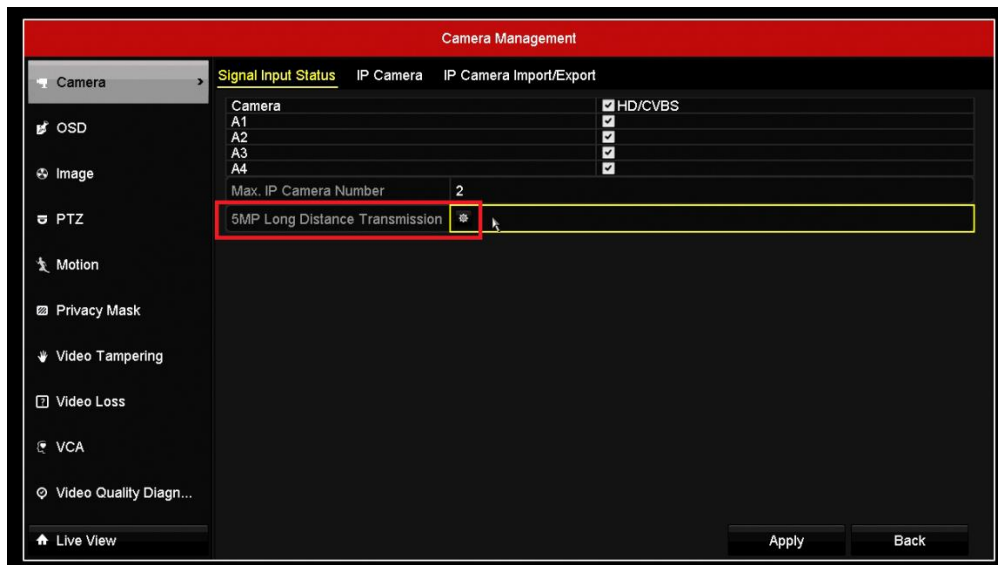
Reason of Upgrade

Newly release model DS-7204/08HUHI-F1/S, DS-7204/08/16HUHI-F2/S, support 5MP TVI cameras access, deletes Hiddns and IP server service, newly support Hik-Connect. This version is only suitable for DS-7204/08HUHI-F1/S, DS-7204/08/16HUHI-F2/S. Add some new functions, modify some functions, enhance products quality and meet customers' requirements.

Firmware Updates

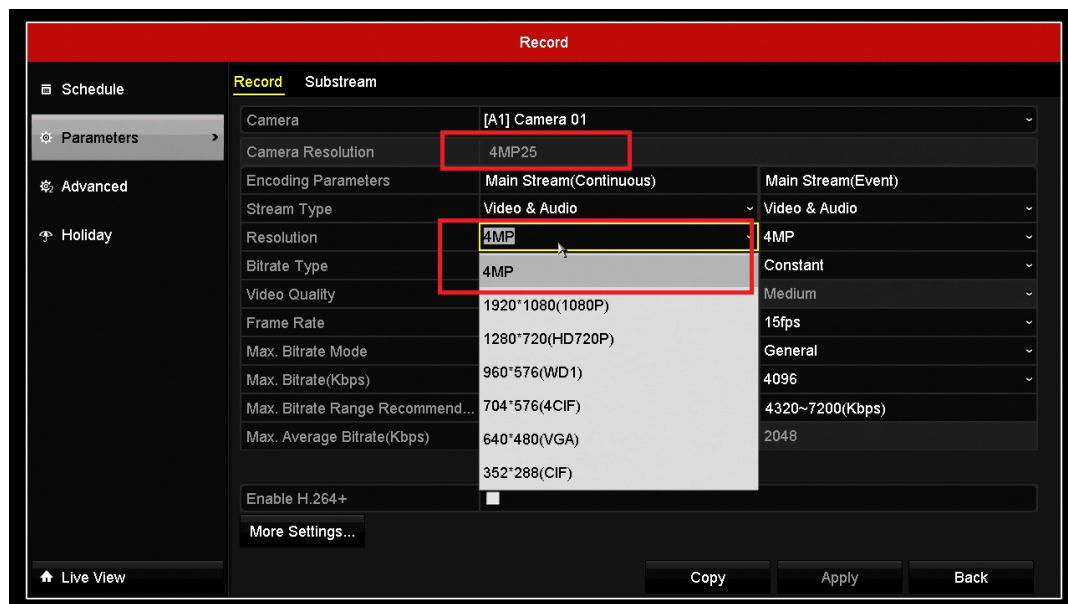
New Features

- i. Newly release F/S series DVR:
 - 1) F/S series DVRs newly support 5MP TVI cameras access, meanwhile support 5 in 1 functions, (TVI/AHD/CVBS/CVI/IPC) cameras self-adaptive access.
 - 2) Newly support **5MP long Distance Transmission** function on *Camera Management->Camera->Signal Input Status*. Each channel can be enabled separately. When this function is enabled, the maximum transmission distance can be up to 800m.

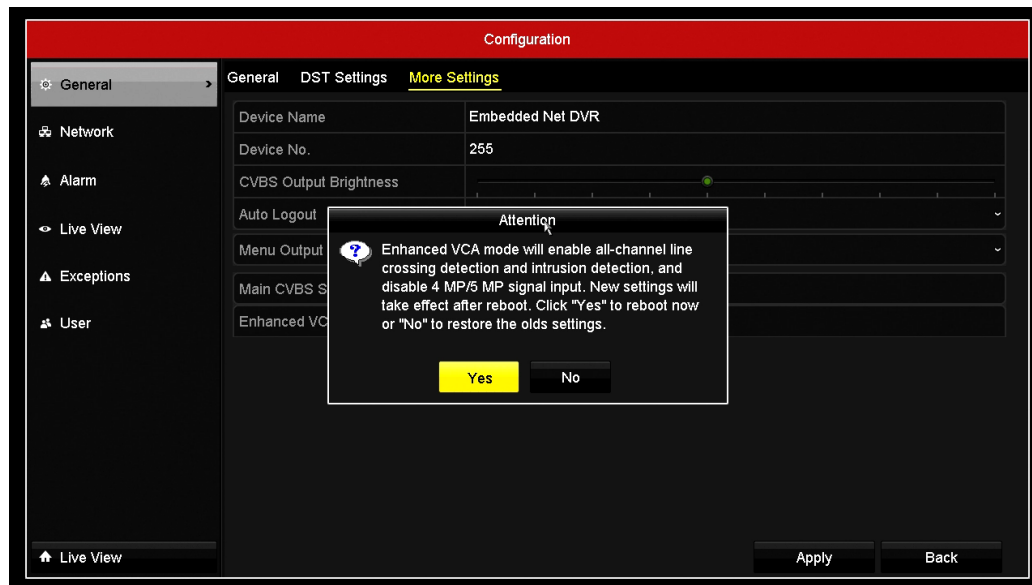


- ii. The recording resolution and frame rate of DVR analog channel can be self-adaptive according to the signal input.

The default main stream recording resolutions are 5MP/4MP/3MP/1080P/720P/WD1/4CIF/VGA/CIF. When connected with certain signal, the maximum resolution is consistent with resolution of signal input. For example, when connected with 4MP camera, 5MP recording resolution can't be supported; when connected with 3MP camera, 5MP and 4 MP recording resolution can't be supported.



- iii. 4MP/5MP signal access is conflicted with "Enhanced VCA" function. When "Enhanced VCA" function is enabled, 2K/4K HDMI output of DVR is not supported and 4MP/5MP cameras can't be accessed.

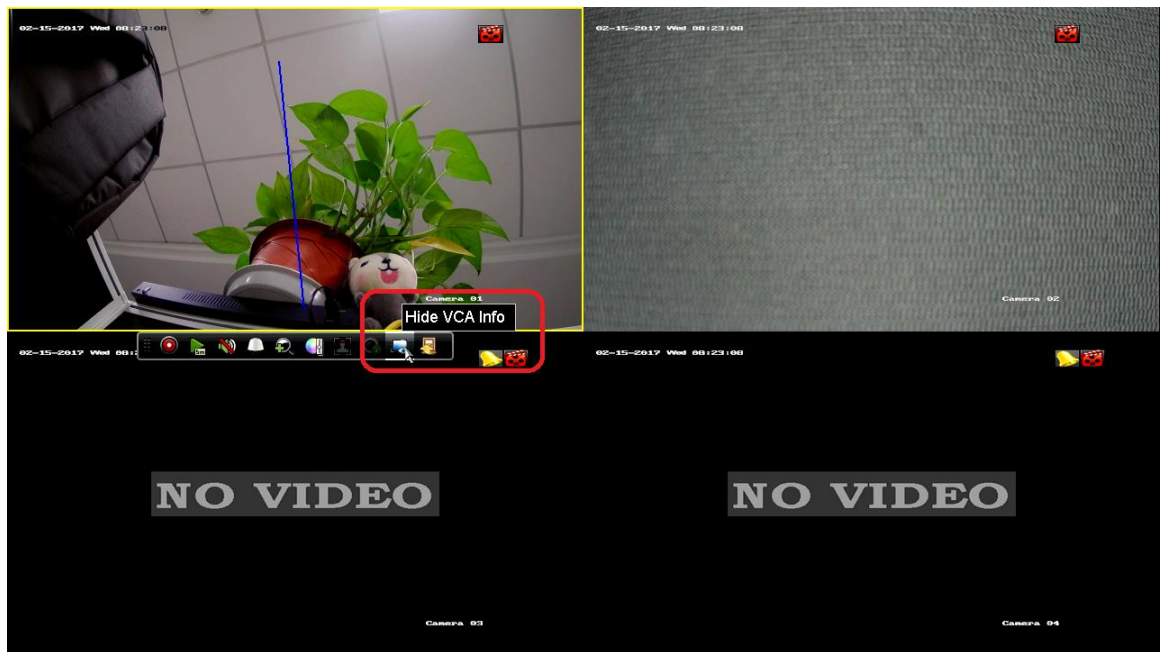


iv. HIDDNS Function modification

- 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) The Hik-Connect function is not enabled by default.
- 3) Support adding IPC by its domain. Only support the IPC in the same Hik-Connect account with DVR, or shared IPC.

v. Support **displaying the VCA information** on the **analog channel** when previewing.

- 1) Left-click the button on the live view window to display VCA information, and left-click again to hide. Support showing target box and rule box at the same time. Only one channel can be used for displaying VCA information at one time.
- 2) Support displaying VCA information under single screen model or multi-screen model.
- 3) Main-monitor output has this function, while auxiliary-monitor output not.

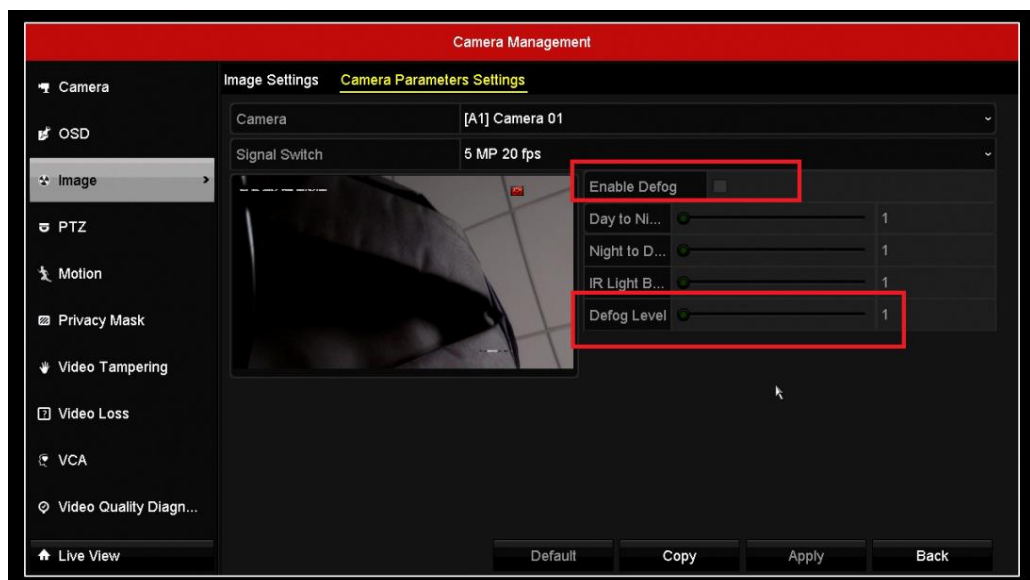


- vi. Support displaying the VCA information when playback.
 - 1) Support displaying the target box and rule box on the Smart playback.
 - 2) Supported VCA type: Line Crossing Detection and Intrusion Detection
 - 3) Add the “VCA info” button on Smart playback to enable displaying or hiding the VCA information. If the device does not support smart event or Smart IPC access, the button will turn to be grey.
 - 4) Supported displaying on main stream of analog video recording file and main or sub stream of IPC recording file.

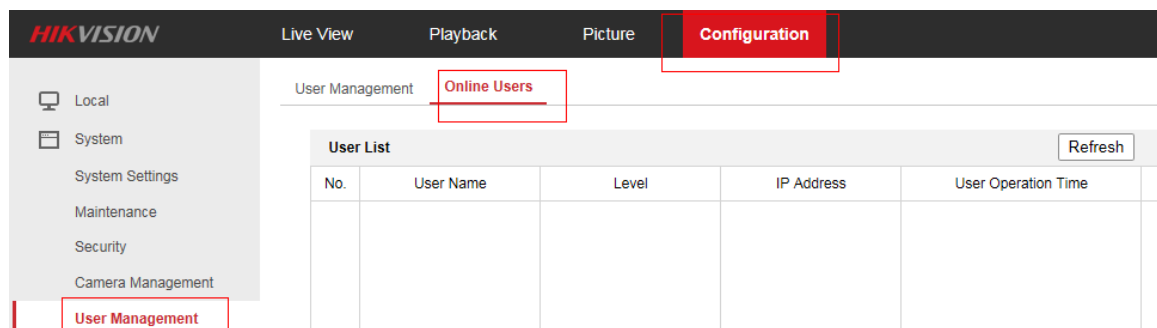
- vii. Update of coaxial function.
 - 1) Support TVI/CVI/AHD signal coaxial control function, the protocol name is changed to **UTC (Coaxitron)**.
 - 2) Support **all channel** of Hikvision TVI camera upgrading at one time, which used to be only one channel upgrading at one time.



- 3) Newly support configuration of TVI camera **Defog** function. Defog Level is configurable on *Camera Management->Image->Camera Parameters Settings*.



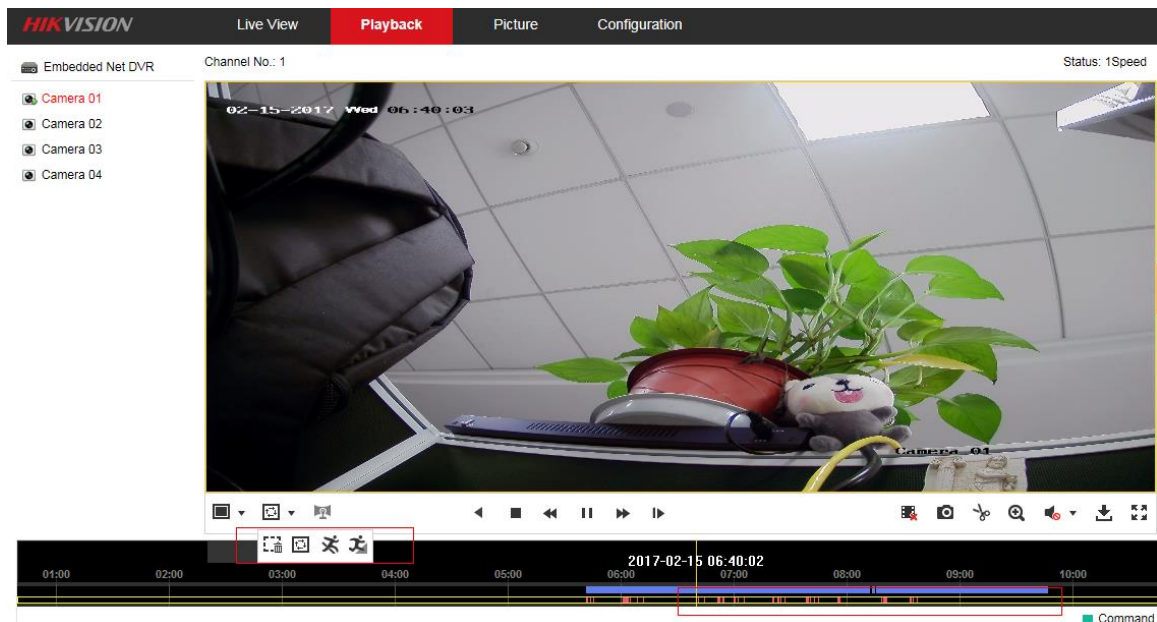
- viii. Support displaying **Online Users** information on web browser and client.



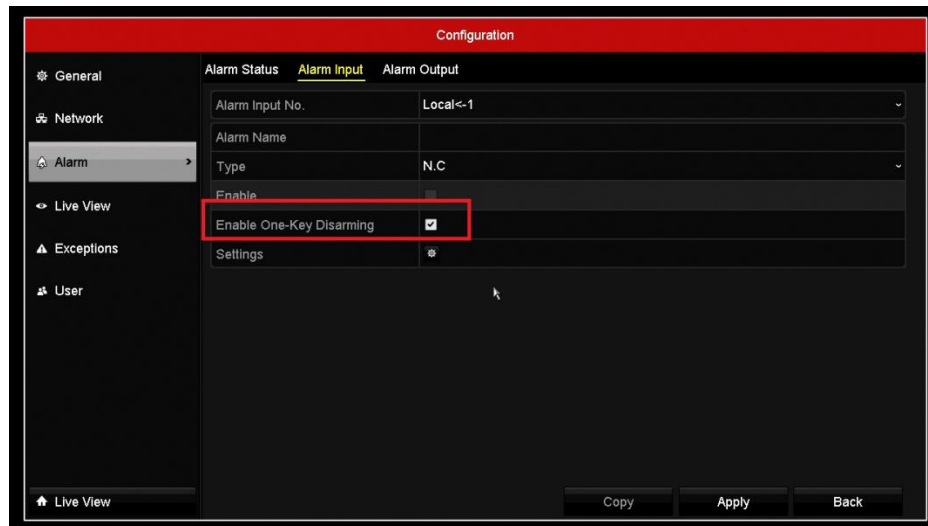
- ix. All VCA events newly support PTZ linking action.



- x. Newly support VCA search function of remote playback. Supported VCA type: Motion Detection, Intrusion Detection, Line Crossing Detection.



- xi. Newly support **One-Key Disarming** function. When this function is enabled, all linkage actions will not be triggered.



xii. Modify some area 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

xiii. Improve the performance of motion detection.

xiv. Modify some France language expressions.

xv. Improve the quality of AHD signal image.

Related product list:

-F/S Series Turbo HD DVR	DS-7204HUHI-F1/S、 DS-7208HUHI-F1/S、 DS-7204HUHI-F2/S、 DS-7208HUHI-F2/S、 DS-7216HUHI-F2/S
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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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