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Turbo HD DVR V3.4.80 Build161217 Release Notes (2016-01-09)

Firmware Basic Information	Firmware Version:	V3.4.80 Build161217
	SDK Version:	V5.2.5.15 build20160906
	Play Library (PlayCtrl.dll)	6.0.0.4
	player	7.3.0.0
	Web version	V4.0.1 build161019
	Client version	V2.5.3.8 build20161012

Reason of Upgrade

Newly support password recovery strategy, 73/76/81/90HUHI-Fx/N model newly support 5 hybrid signals inputs. 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.

Firmware Updates

New Features

i. Newly support 5 hybrid signals input: **TVI/AHD/CVI/CVBS/IP** for 73/76/81/90HUHI-Fx/N series. (for other Turbo 3.0 DVR, it already supported this function on v3.4.70 or v3.4.75)

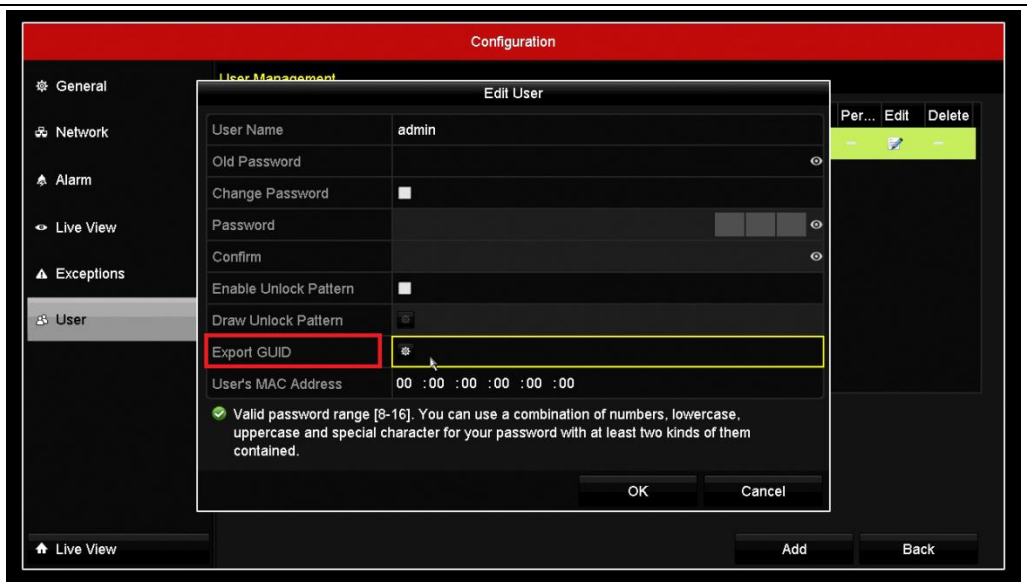
1） Cancel the principle of signal input type choosing and restriction of channel binding, cameras can be self-adaptive connected to our DVR.

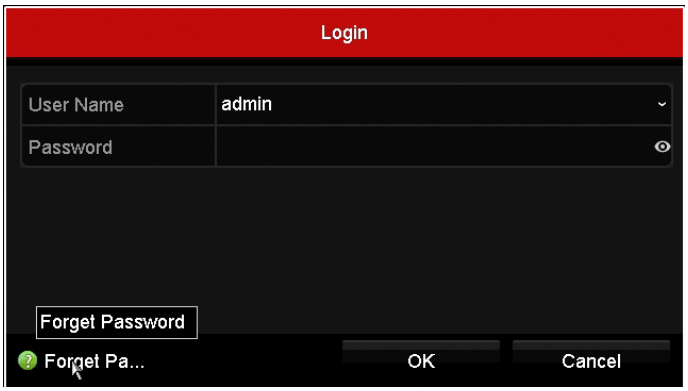
2） Newly support access of 1080P AHD cameras, which used to be 720P AHD cameras.

3） Newly support access of 1080P&720P CVI cameras.

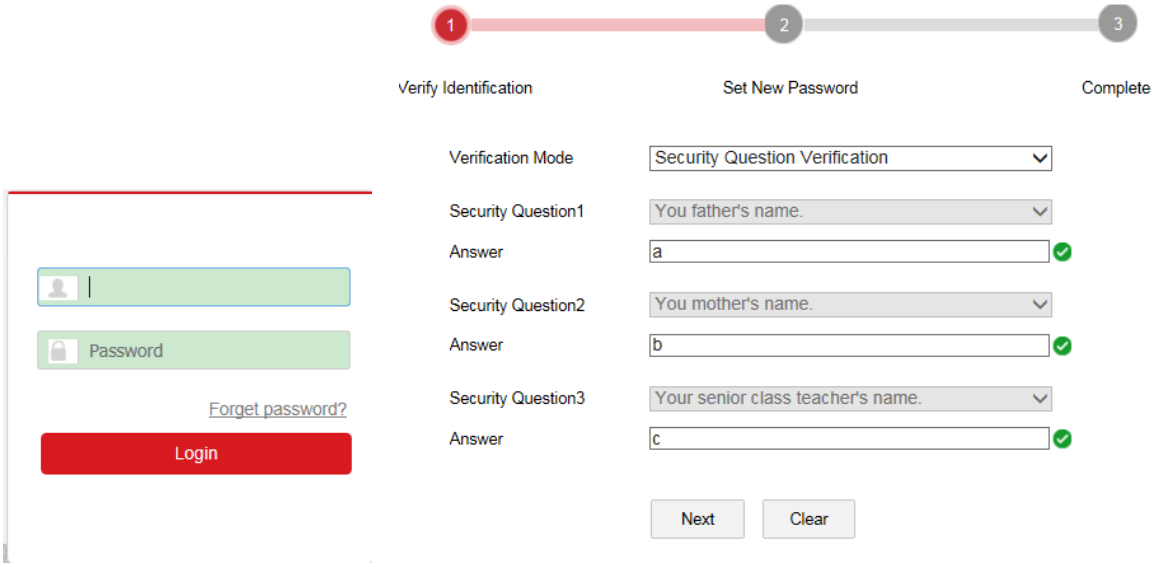
ii. **Newly support password recovery strategy**

1) Password recovery on local：Export the GUID file when activating the device or export the GUID file from the *User Management* interface. When forgetting the password, click the **Forget Password** in the login interface, import the GUID file, and recover the password.



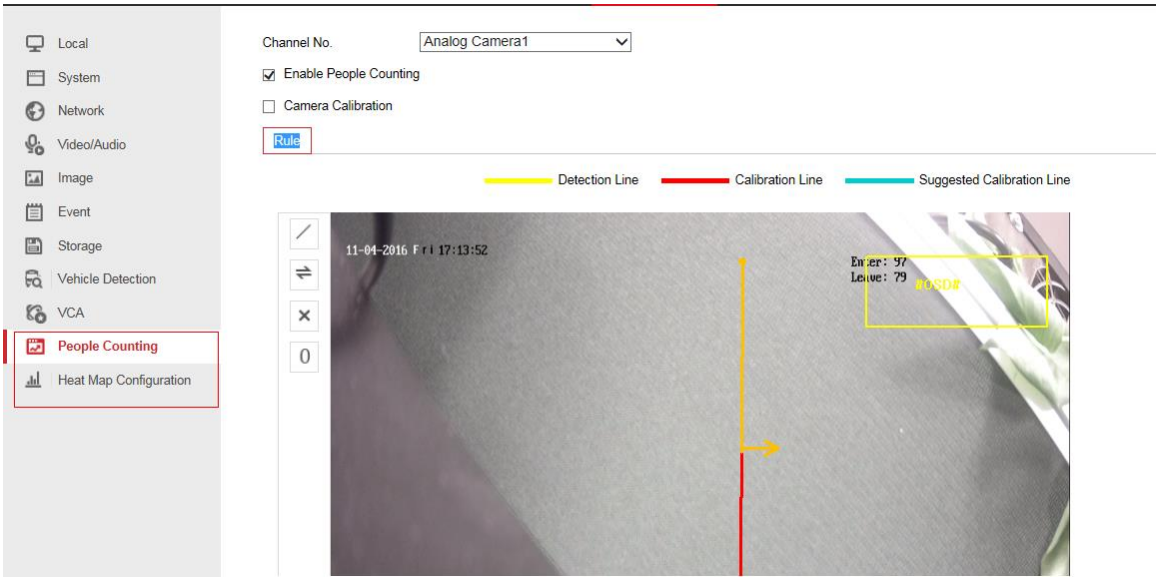


2) **Password recovery remotely in the same local area network:** Recover the password remotely by answering questions set before, or import the GUID file. Recovering or changing the password wouldn't make questions invalid.



iii. 73&81&90HUHI-Fx/N series newly support one analog channel **People Counting** or **Heat Map** function.

Note: VCA functions (intrusion detection, line crossing detection and sudden scene change), people counting and heat map are mutually exclusive. Only one of these three functions can be supported one time.



iv. 7608/16HUHI-Fx/N、73/8100HQHI-Fx/N series newly support VGA/HDMI non-simultaneous output configurable function.

v. **HGHI-F series** newly support **all channel 1080P Lite mode**. When this mode is enabled, only TVI 1080P camera can be accessed, while AHD or CVI 1080P cameras not.

vi. Newly support download record file from web page of device according to the accurate time.

vii. POS function update:

1) Newly add **Nelues** pos protocol, newly support 3 parameters: crew ID, terminal number and cabinet number.

2) Restriction on IP access.

3) Newly support characters €,$，£ display.

4) Newly support keyword filtering function.

viii. Newly support **Genetec** protocol. Through Genetec protocol, functions can be achieved: configuration parameter acquisition, live view& playback, device discovery and alarm push.

ix. Cut off the menu output of CVBS. CVBS output only can be used for auxiliary output or live view.

x. HUHI-F/N series support all channel VCA functions.

1) 76HUHI-F/N series still only support 2 channel VCA functions.

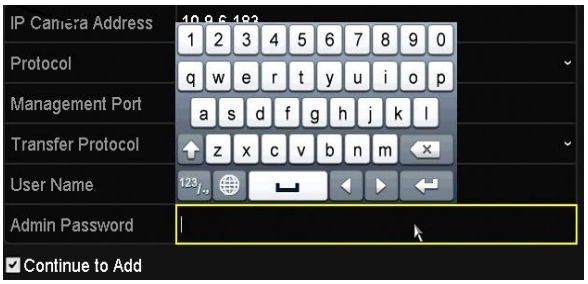
2) 7208/16HUHI-F/N all channel VCA functions and 2K/4K output is mutually exclusive。When **Enhanced VCA Mode** is enabled, these two device can support all channel VCA function, but 2k/4k output is not available ; when **Enhanced VCA Mode** is not enabled, 2K/4K output is supported and only 2 channel VCA functions supported.

xi. 73&8104HQHI-F/N newly support 1 channel sudden scene change VCA function. Newly support reverse playback. Newly support 4 channels RTSP playback.

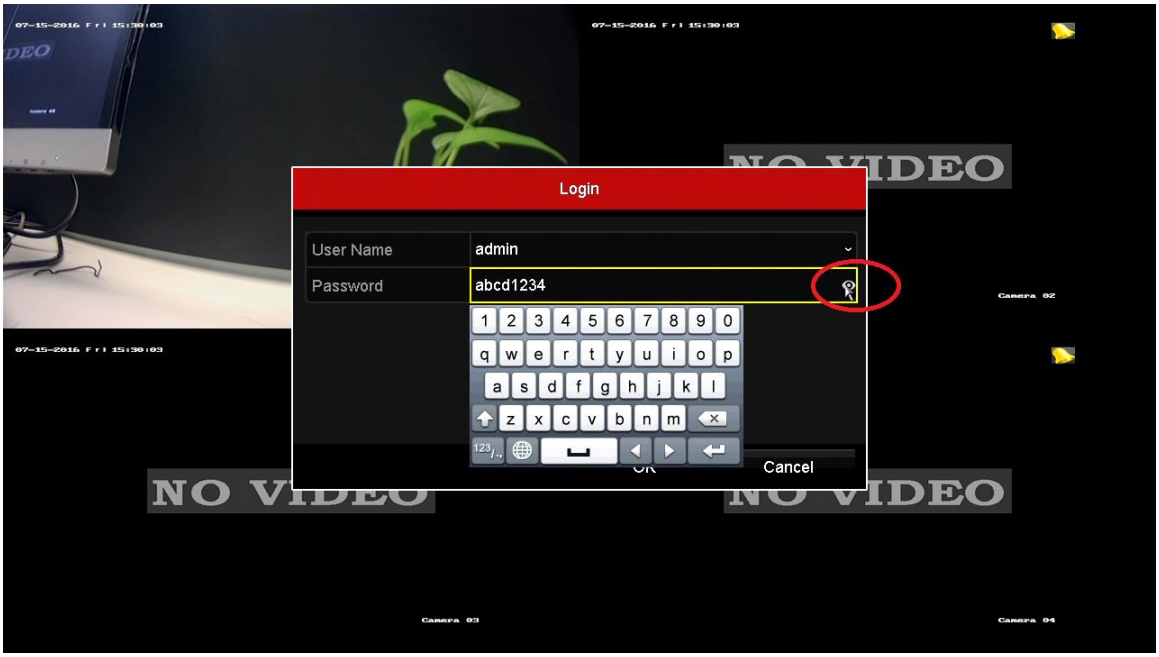
xii. 7616HUHI-F2/N total bandwidth is changed from 140M to 144M, incoming bandwidth is changed from

72M to 76M.

xiii. Optimize the GUI of soft keyboard which distinguish the upper case from lower case. In the previous version, it was all upper case. Just by one left-clicking the , it will switch the letter case.



xiv. Modify the display of Clear-text password: lift-click the icon, it will show the clear-text password all the time, lift click the icon again, it will hide the clear-text password.



xv. Optimize the playback performance.

Modified functions

i. Fix the issue that over-lay text of DS-7104HGHI-F1 can be saved after rebooting.

ii. Fix the issue that device may be frozen when EZVIZ playback due to the poor network condition.

iii. Fix the issue that email function of SSL on web wouldn't work.

iv. Fix the issue that there may be no sound output in the 7216HQH-F/N when the pick-up is connected to audio in.

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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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