Turbo HD DVR V3.4.60 build160607 Release Notes (2016-6-15)

Firmware Basic Information	Firmware Version:	V3.4.60 build160607
	SDK Version:	V5.2.1.5 build20160506
	Play Library (PlayCtrl.dll)	6.0.0.4
	player	7.3.0.74
	Web version	V4.0.1 build160523
	Client version	V2.4.6.18 build20160531

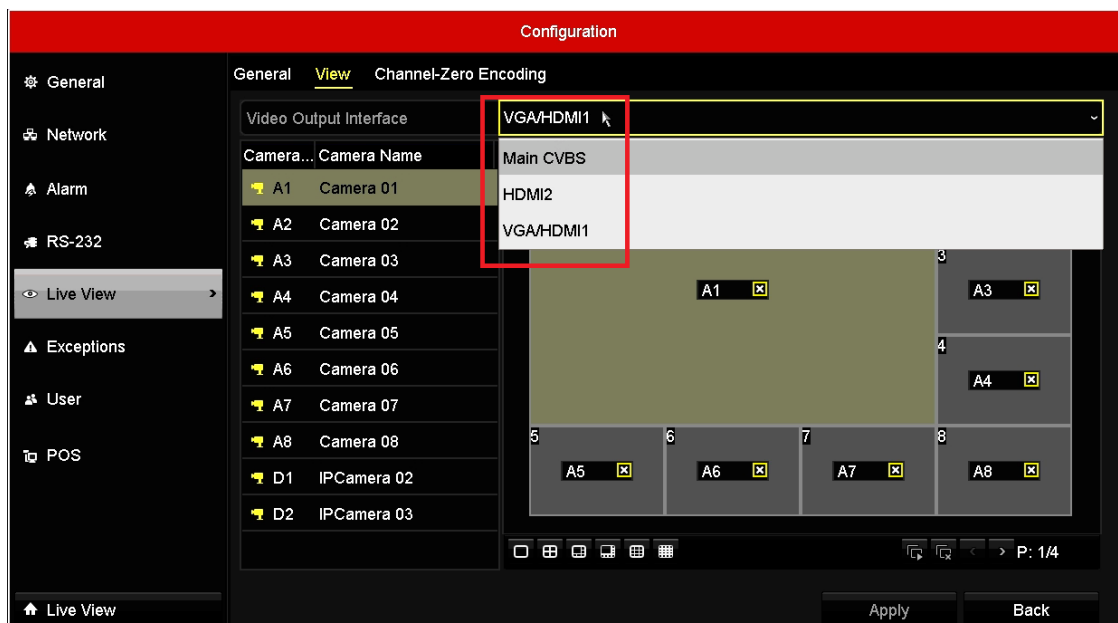**Reason of Upgrade**
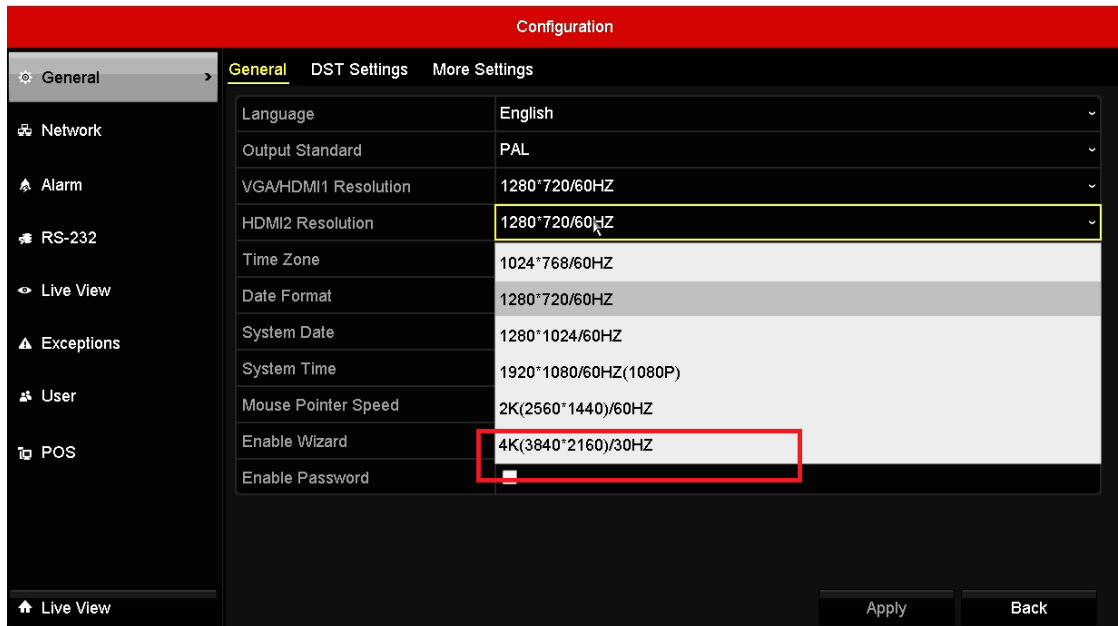
This version is only suitable for **DS-7300HUHI-F4/N, DS-8100HUHI-F8/N and DS-9000HUHI-F8/N**. All of these models are newly published. Add some new functions, modify some functions, enhance products quality and meet customers' requirements.

Firmware Updates
New Features

i. Newly support **DS-7300HUHI-F4/N, DS-8100HUHI-F8/N and DS-9000HUHI-F8/N.**

ii. HDMIs output support **Non-Synchronous Output**: HDMI1 and VGA are synchronous output; HDMI2 and HDMI1/VGA are non-synchronous output. HDMI1/VGA support up to 1080P output, while HDMI2 supports 4K output.

iii.   Support access of IP cameras up to **8MP**; support access of **H265** stream IP cameras.

iv.   Newly support raid **more than 16TB** for 73/81/90HUHI-Fx/N. For old models DS-9000HQHI-SH.

v.   Newly support hot-swappable HDDs

vi.   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.
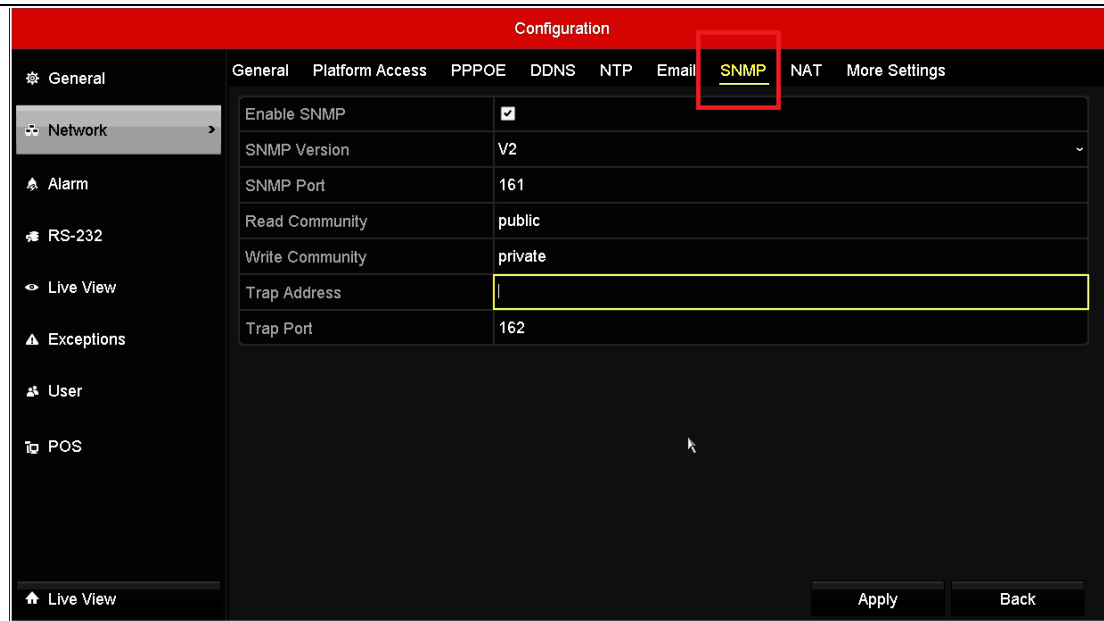

              Lower case   **Upper case**

vii.   DS-73/81/90HUHI-Fx/N models support **SNMP** function.

Modified functions

i. Update the characters of multi-language: replace some English characters by corresponding language characters.

ii. Change the output of **two-way audio**: the first channel of two-way audio is for HDMI1/VGA, the second channel of two-way audio is for CVBS, the third channel is for HDMI2.

iii. For two network interfaces device, it only supports working modes **Net Fault-tolerance** and **Multi-address**. **Load Balanc**e working mode is no more supported.

iv. Max numbers supported for video search is changed from 2000 to 4000.

Related product list:

-F/N Series Turbo HD DVR	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.

> Note:
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