

■ DS-76xxNI-E1(E2)P Series NVR v3.4.92 USA GUI Firmware

● NVR Models Affected:

| | | |
|-----------------|-----------------|------------------|
| DS-7604NI-E1/4P | DS-7608NI-E2/8P | DS-7616NI-E2/16P |
|-----------------|-----------------|------------------|

Compatible IP Camera Information:

| IP Camera Model | IP Camera Firmware |
|----------------------------------|--------------------|
| 2xx2 Series | V5.4.0_160530 |
| 40xx,41xx,42xx,43xx,6412FWD | V5.4.0_160419 |
| 4026FWD,6026FHWD,iDS-6XXX Series | V5.4.0_160414 |
| 4XX5 Series | V5.4.0_160419 |
| 2X22FWD, 2X42FWD Series | V5.4.1_160525 |
| DF Series | V5.4.0_160613 |
| DF Series | V5.4.0_160613 |
| DE Series | V5.3.9_150910 |
| DS-2CD2942F-IS (FISHEYE) | V5.4.0_160926 |
| DS-2CD6412FWD-C2 | V5.3.9_160315 |
| DS-2CD63XXF (FISHEYE) | V5.4.14_160427 |

Firmware v3.4.92

New Features:

1. [Dual-VCA]
User can enable or disable IP camera's dual-VCA function in NVR's webpage.
2. [One-Key Disarming]
Support one-key disarming. User can disable the arming schedule of whole device, selected linkage action will be disabled.
Please notice that NO 1 alarm input will be invalid if user enable one-key disarming.
3. [Export]
Support exporting video in AVI format, supported audio encoding format: G711U/G711A/AAC.
4. [DNS]
IP address DHCP and DNS DHCP can be configured separately.
5. [Playback]
User can switch playback mode between Normal mode and Smart mode;
User can set the playback speed of normal videos and smart videos in smart playback mode;
6. [Email]
For other VCA events, if picture's size is smaller than 500KB, email will directly attach picture sent from IPC. If picture's size is larger than 500KB, NVR will compress picture's resolution to 4CIF and attach it in email;
User can test email in webpage.

7. [DDNS]

The whole DDNS address (url) will be shown after user registers device on DDNS server.

8. [HIK-Connect]

Supports uploading Intrusion and Line Crossing alarm to HIK-Connect platform.

9. [Live View]

(1) User can switch live view streams manually in live view interface;

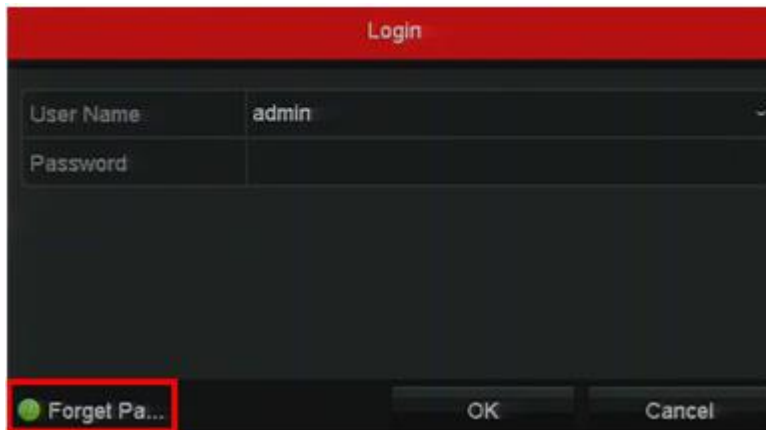


(2) User can set default live view stream type in Configuration-Live View-View-More Setting, supported modes include Main Stream, Sub Stream, Auto. Reentering the live view interface or switching live view split-screen mode will turn to default live view stream type.

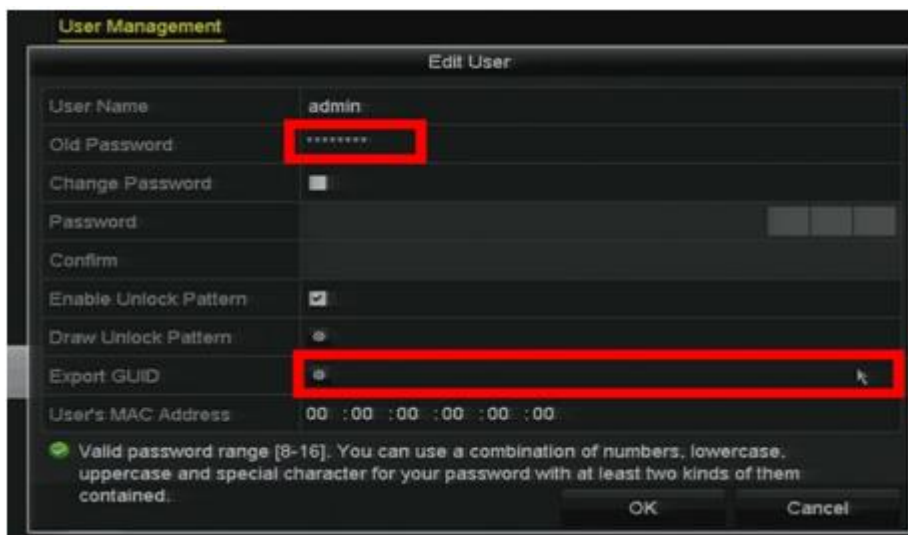
**10. [New password resetting strategy]**

All password resetting strategies below are only valid in local area network. Local GUI, SADP, IVMS-4200, and Web client support new password strategy.

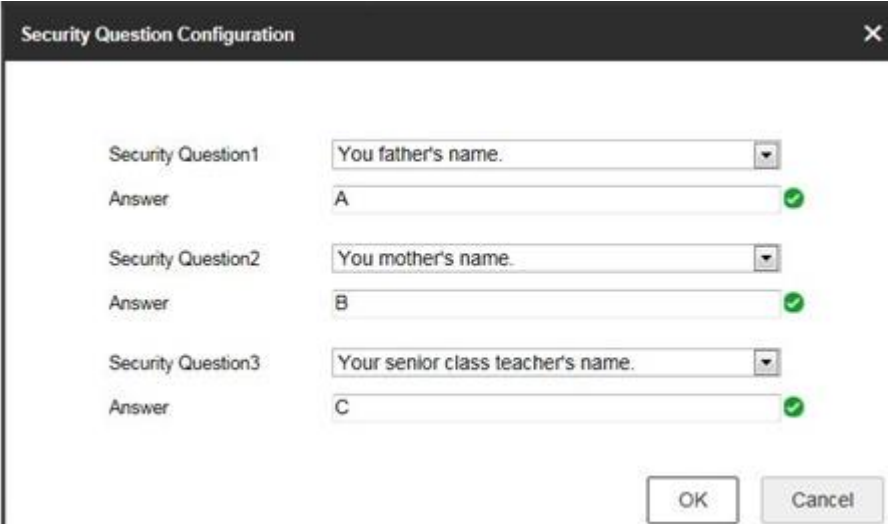
User can enter new password resetting interface by clicking forget password.



(1) User can export the GUID file and reset the password by importing the GUID file when he forgets password. Please notice that if the admin password is changed or GUID file has been used, GUID file will be expired.



(2) User can set validation questions and reset the password by answering the questions.



The image shows a 'Security Question Configuration' dialog box with three rows of questions and answers. Each row has a green checkmark next to the answer field. At the bottom right are 'OK' and 'Cancel' buttons.

| Security Question | Answer | Status |
|---|--------|--------|
| Security Question1: You father's name. | A | ✓ |
| Security Question2: You mother's name. | B | ✓ |
| Security Question3: Your senior class teacher's name. | C | ✓ |

(3)The security code resetting strategy (enter by double click left bottom corner of login interface) is removed from this version.

11. [Hik-Connect]

Support zero-channel live view on Hik-Connect platform.

12. [Recording type]

For new devices or devices which is reset to factory setting, NVR will automatically set 7*24 continuous recording for IP channels.

13. [VCA attached pictures]

Support VCA pictures which are larger than 512KB and save in local storage. Notice that pictures larger than 512KB can't be transmitted to IVMS software.

14. [USB flash disk debugging]

Support saving kernel running information to USB flash disk in txt format for troubleshooting.

15. [HDD]

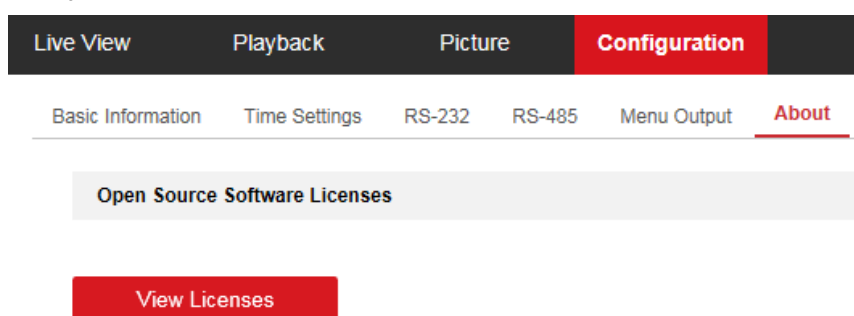
Support new encryption HDD models: WD2000FYYZ-31, WD3000FYYZ-31, WD4000FYYZ-31, WD4002FYYZ-31, WD6002FYYZ-31.

16. [IP Camera Access]

Support access to IP camera with IP camera's Hik-Connect domain name, the IP camera and NVR should be added to same account

17. [GPL]

Add GPL Open Source Software Licenses Statement.



Fix Bugs:

1. [website]
The bug that there is no result when research motion detection in playback interface on website
2. [Manual]
Add Manual back to Menu, and add manually clear feature back to website interface
3. [Remote login]
Fix the issue that there is no remote login log when login to the NVR/DVR from the web browser
4. [offline issue]
Fix the bug that device will reboot after connected to Hik-central.

Modifications:

1. [Virtual Host]
Only support enable/disable virtual host feature in website, don't support configure port.
2. [POE management]
Don't support AF/AT settings in POE management interface, keep the same with baseline.
3. [DHCP]
Remove refresh button when enable DHCP.
4. [Merge files feature]
Optimize Merge files feature, just the GUI optimization.
5. [Playback]
Can't adjust playback time bar (zoom in/zoom out) through the mouse, there are options to adjust, like 30 mins, 60 mins.
6. [IPC default feature]
Remove IPC default feature, because new IPC FW is very stable.