

## Network Video Recorder

**Version: V4.22.000 build190822**

### Release Note

**(2019-9-30 External)**

<b>Firmware Basic Information</b>	Firmware Version:	V4.22.000 build190822
	SDK Version:	V6.1.0.25
	Play Library:	V7.3.7.38_Build20190305
	Web component:	V4.0.1 build190816
	IVMS-4200:	V2.6.25.2 build20190806
	OpenSDK Version:	V2.1.4 build 190809

### Reason of Upgrade

Add new features and optimize product performance.

## New features

### 1. **【Ehome】**

- 1) Ehome 5.0 supports jumping to NVR's Web page to configure parameters.
- 2) Currently only Hik-Central platform software supports this function.

### 2. **【Add SHM exception alarms】**

- 1) Five new types of SHM abnormal alarm are added: hard disk temperature is too high, hard disk temperature is too low, hard disk impact detection, hard disk bad block and hard disk serious failure. All alarm types support logging.

## Modified functions

### 1. **【Local playback optimization】**

- 1) Click the thumbnail display position to play back;
- 2) Scroll the mouse to zoom the time coordinate;
- 3) Color display adjustment of playback progress bar: the schedule of ordinary video recording is configured, and the progress bar displays blue; The schedule of event recording is configured, and the progress bar displays red.
- 4) Drag the playback progress bar to display the video within 1 second.

### 2. **【Remote playback optimization】**

When playing back remotely, refresh the recording index and the latest recording can be played back immediately.

### 3. **【Stability Optimization】**

Solve some known issues and enhance product stability.

**Related product list:**

I series NVR	DS-9600NI-I16, DS-9600NI-I8  DS-8600NI-I8  DS-7700NI-I4(/P), DS-7732NI-I4/24P, DS-7700NI-I4(B)(/P)  DS-7600NI-I2(/P)
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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.

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