

# KY2013 DVR V3.0.0 Release Notes

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## General Information

Firmware Version: V3.0.0 build20140121
Embedded VS Player Version: V4.8mini; Playctrl Version: v6.5.1.6
Web Component Version: V3.0.5.4 build20140113
SDK Version: V4.2.7.6 build20131231
iVMS-4200 Version: v2.00.07.02 build20140113

## Supported DVR Model

DS-7204/08/16HWI-SH
DS-7208/16HWI-SL
DS-7204/08/16HFI-SH
DS-7204/08/16HVI-SV
DS-7304/08/16HWI-SH
DS-7304/08/16HFI-SH
DS-7324/32HWI-SH
DS-7324/32HFI-SH
DS-7324/32HCI-SH
DS-8124/32HWSI-SH
DS-8124/32HFSI-SH
DS-8124/32HCI-SH

## Firmware Updates

### New Features

1. All the 4/8/16-ch DVR in the model list above support access to Hikvision IP cameras: 4-ch DVR supports one 720P IP camera, and 8/16-ch DVR support two 1080P IP cameras.
2. Support the Video Quality Diagnostic function.
3. Support push alarm notification to the iVMS-4500 mobile client (4 alarm types are supported: video loss, video tampering, motion detection, and alarm input).
4. Optimize the local playback interface.
5. Support smart playback: playback the record file with motion info at normal speed and files without motion info at 8x speed.
6. Optimize the playback of external record files (record files in the external storage device like USB flash drive): Now playback speed control and double click on the record file to start playback are supported.
7. Optimize the management of video clips.
8. Optimize the playback performance.
9. Support select sub stream as recording stream.
10. Support manually enable/disable the HDD sleeping mode.
11. Support search and add the network HDD nodes.
12. Optimize the log search interface.
13. Add a log type showing system running status.
14. Support display a hint in the live view interface when event occurs.
15. Support configure more network parameters in the wizard.
16. Add the support of TLS protocol in the email function.
17. Support ONVIF V2.2 and ISAPI V2.0 protocol (Supported ONVIF here is not for IPC connection).
18. Support create self-defined HTTPS certificate, create certificate request and install certificate.
19. Support highlight event area during remote live view.
20. Support remote reverse playback.
21. Optimize the compatibility to HDMI monitor.

### Other

1. Optimize the management of network HDDs, quicken the Network HDD's responding.
2. Backup by channel and time is no longer restricted to 4 channels.
3. Increase the backup speed on FAT32 formatted backup device.
4. Optimize the remote download mechanism (Previously the download speed of single connection is restricted to 12Mbps).
5. Optimize the calculation of recommended encoding bitrates.
6. Now the telnet service is changed to disabled by default, and it could be enabled thru remote configuration on the web.
7. 4-ch DVR 's rtsp remote playback is now restricted to one channel.

### Tested-compatible IPC List

Type	Model	Version	Max. Resolution	Sub-stream	Audio
SD Network Camera	DS-2CD802NF	V2.0 build 090522	704×576	√	√
	DS-2CD892NF	V4.0 build 090508	704×576	√	√
	DS-2CD7133F-E	V5.0.8 build130930	352×288	√	×
	DS-2CD8133F-E		352×288	√	√
	893PF-E		704×576	√	√
	893PFWD-E		1280×720	√	×
DS-2CD7153-E	1280×720		√	√	
DS-2CD8153-E	1920×1080		√	√	
HD Network Camera	DS-2CD8254F-EIS	V5.0.5build131017	1280×720	√	√
	DS-2CD864FWD-E		1280×720	√	√
	DS-2CD8264FWD-EIS			√	√
	DS-2CD2012-I DS-2CD2112-I DS-2CD2212-I DS-2CD2312-I DS-2CD2612F-I DS-2CD2712F-I		1280×720	√	×
	Network Speed Dome	DS-2DF7274 DS-2DF5274	V5.1.0 build 130923	1280×960	√
DS-2DE7174 DS-2DE5274		V5.0.2Build130926	1280×960	√	√