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# **03/2013 Product News**



## DVR/NVR/HDVR/DVS

### 1. DS-90xx&96xx-ST USA GUI Simulator V2.3.0 Available

The software is run in PC to simulate USA GUI firmware V2.3.0.

### 2. DS-7604NI-SE/P and DS-7608NI-SE/8P Ready for Field Trail

DS-7604NI-SE/P is 4-ch entry level NVR with built-in 4-ch PoE switch. Single PoE port is 15.4W, and total is 52W. Input bandwidth is 20Mbps and output bandwidth is 60Mbps.

DS-7608NI-SE/8P is 8-ch entry level NVR with built-in 4-ch PoE switch. Single PoE port is 15.4W, and total is 130W. Input bandwidth is 40Mbps and output bandwidth is 80Mbps.

Only HQ GUI firmware is available (USA GUI firmware is under development, and will be available at the end of April).

Only Hikvision IP camera supported by built-in PoE switch. 3<sup>rd</sup> party IP camera should be connected with external PoE switch. New firmware in Q2/Q3 can resolve this limitation.

## CAMERAS&PTZ

### 1. New IP Camera DS-2CD2012-I and DS-2CD2112-I Ready for Field Trial

Model	Brief Description
DS-2CD2012-I	Outdoor Bullet, 1.3MP, True D/N, IR, 3.6mm, 12VDC/PoE
DS-2CD2112-I	Outdoor Dome, 1.3MP, True D/N, IR, 3.6mm, 12VDC/PoE

Notes: DS-2CD2xxx series IP cameras are NOT compatible with old “-S/SH” series Hybrid DVR/NVR, only compatible with new “-ST” series Hybrid DVR/NVR and DS-76xxNI-SE/(8)P NVR.

### 2. New Firmware V4.1.1\_130228 for DS-2CDx55/xx55 Series IP Camera

Compatible Models:

DS-2CD855F-E, DS-2CD755F-E(I)(Z), DS-2CD7255F-E(I)Z(H), DS-2CD8255F-E(I)(Z)

Update Information:

Resolve image quality issues at 1080P resolution.

### 3. DS-2DF1-57A/573A Series 1.3MP PTZ Digital Zoom Limitation

Digital zoom is ONLY available at 1280x960 resolution. It is Hitachi module limitation.



## SOFTWARE

### 1. Tool Software Ready for Field

Tool software “Bandwidth Calculator”, “Disk Calculator”, “IPC Calculator” are available for field trial on HQ web site: <http://www.hikvision.com/En/download.asp>

## DOCUMENT

### 1. Update Camera Bracket List

The list is available on USA sales FTP server ([ftp.hikvisionusa.com](ftp://ftp.hikvisionusa.com), login username: hiksalesteam, password: Hikvisi0n908) under folder "TechBulletin". The file name is "Bracket Selection for Camera and Speed dome rev2.3(build20130313).xls".

### 2. Update eSATA HDD List

Following are some additional remarks of how eSATA work with Hikvision DVR:

- eSATA can be used as Export or Record/Capture, users could switch these two modes in DVR. Device reboot is required if modes changed.
- Every time change eSATA connect mode, users need to format eSATA in DVR to make it available.
- When eSATA is in Record/Capture mode, it does not support hot-plug. Device reboot is required each time users plug in/out.
- When eSATA is in Export mode, it support hot-plug.

#### **Recommend eSATA models:**

*VANTEC NexStar3 eSATA External HDD Enclosure with Seagate ST3000VX000 (3TB), ST2000VX000 (2TB), WD20EURS (2TB) and ST1000VM002*

G-Tech G-RAID mini (1TB)

miniEPICa Series EP-D501-AA

**Note:** More operation steps of eSATA, please kindly check DVR user's manual.

### 3. Update DS-90xx/96xx-ST V2.3.0 Firmware Quick Start Guide

The new QSG is available on USA sales FTP server ([ftp.hikvisionusa.com](ftp://ftp.hikvisionusa.com), login username: hiksalesteam, password: Hikvisi0n908) under folder "TechBulletin". The file name is "QSG\_Hybrid\_NVR\_New\_US\_GUI\_2013.3.1.pdf".



## 4. Product Network Performance List

Basic information is below. The list with details is available on USA sales FTP server (<ftp.hikvisionusa.com>, login username: hiksalesteam, password: Hikvisi0n908) under folder "TechBulletin". The file name is "Product Network Performance\_2013.03.21.xlsx".

Model Name	Input Bandwidth (Mbps)	Output Bandwidth (Mbps)	Network Connection Number
DS-9664NI-ST/RT	160	160	128
DS-9632NI-ST/RT	80	240	128
DS-9616NI-ST	40	240	128
DS-7608NI-SE/8P	40	80	128
DS-7604NI-SE/P	20	60	128
DS-9016HFI-ST/RT	80	240	128
DS-9008HFI-ST	40	240	128
DS-7316HWI-SH	--	120	128
DS-7308HWI-SH	--	120	128
DS-7316HFI-ST	--	60	128
DS-7308HFI-ST	--	60	128
DS-7216HWI-SH	--	60	128
DS-7208HWI-SH	--	60	128
DS-7204HWI-SH	--	60	128
DS-7204HFI-ST (DS-7304HFI-SE)	--	35	24
DS-7216HVI-ST	--	35	24
DS-7208HVI-ST	--	35	24
DS-7204HVI-ST	--	35	24

## 5. Update VMS Partner List

The list is available on USA sales FTP server (<ftp.hikvisionusa.com>, login username: hiksalesteam, password: Hikvisi0n908) under folder "TechBulletin". The file name is "VMS Partners Integration Status-20130327.pdf".



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# **02/2013 Product News**



## **DVR/NVR/HDVR/DVS**

### **1. Update DS-90xx&96xx-ST USA GUI Firmware to V2.3.1\_130227**

Update Information compared with V2.3.0\_130130:

1. Fixed the bug when web component remote setup IP camera motion recording on NVR.
2. Added support for setting Frame Rate/ Bit Rate of Event Recording.
3. Fixed string error. Modified "Continues" to "Continuous".



## CAMERAS

### 1. New IP Camera Ready for Field Trial

Model	Brief Description
DS-2CD783F-EZ	Indoor Dome, 5.0MP, Elect. D/N, Motorized Zoom, 12VDC/PoE
DS-2CD783F-EIZ	Indoor Dome, 5.0MP, True D/N, IR, Motorized Zoom, 12VDC/PoE
DS-2CD754FWD-EZ	Indoor Dome, 3.0MP, WDR, Elect. D/N, Motorized Zoom, 12VDC/PoE
DS-2CD754FWD-EIZ	Indoor Dome, 1.3MP, WDR, True D/N, IR, Motorized Zoom, 12VDC/PoE

## SOFTWARE

### 1. Update iVMS-4200 Client Software to V1.02.08.50

Update Information compared with V1.02.07.50

Resolved the bug that cannot remote live view DVR with public IP.

### 2. iVMS-4200 MAC Client Software V1.02.00.15 Ready for Field Trail

Update Information:

#### **Add Device**

Support friendly camera importing wizard

Support add device via Hikvision's own DDNS

The "Exported to group" option is enabled by default when adding a device

Support locate the device under the added device list

Support show the disk capacity information on the title of added devices

Support fold and expand the camera thumbnail of added devices

Support arrange the camera order under the device group list

Right click menu is added on the device group list

#### **Preview and Playback**

Support drag the group list to the window for direct live view

Support drag the added camera to the window for direct playback

Support tag playback (The added device should support tag playback function)

Support resume download function

Progress status bar is added when downloading record files

#### **E-map**



Add “Modify related camera” option into the modify hot spot menu

Support modify the color and icon of the hot spot

Support search the hot spot by name

Add the hot region function

#### **Alarm**

Support arm and disarm function for different devices

Support lock and auto-hide the alarm list

Support add alarm notes under the alarm list

Support clear alarm information

Support alarm triggering image pop-out function, and support view different pop-out images by clicking the previous or next button on the pop-out window

#### **Other**

Embedded video player supports switch between CIF and 4CIF display mode

“Enable the auto-login” option is added when creating a super user

Support export device remote log

### **3. Release iPhone App iVMS-4500 Lite V3.00.00\_130130**

Update Information:

New GUI, keep the same style with HD version.

Add support for iPhone5.

Add support for four-tab live view. Support live view for 16 channels.

Add support for zoom, focus, iris and auto-scan for PTZ.

Add support for image quality configuration: Clear, Balanced, Fluent, Custom.

Add support for alarm output control.

Add support for zero-channel.

Optimized playback time line bar.



Optimized adding device steps. Channel amount and name can be obtained from the device.

Add support for checking software update.

Add help and operation guide for the software



## DOCUMENT

1. Update DS-90xx&96xx-ST 3<sup>rd</sup> Party IP Camera Compatible List

[http://www.hikvision.com/En/US/support\\_list.asp?cid=50008](http://www.hikvision.com/En/US/support_list.asp?cid=50008)

2. Update Product Firmware List

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# **01/2013 Product News**





# DVR/NVR/HDVR/DVS

## 1. China GUI Firmware V2.3.0\_130108 Released, USA GUI Firmware V2.3.0\_130130 Ready for Field Trail

Compatible Model:

DS-7608NI-ST, DS-7608NI-SP, DS-7616NI-ST, DS-7616NI-SP

DS-7708NI-ST, DS-7708NI-SP, DS-7716NI-ST, DS-7716NI-SP, DS-7732NI-ST, DS-7732NI-SP

DS-8508NI-ST, DS-8516NI-ST, DS-8532NI-ST, DS-8608NI-ST, DS-8616NI-ST, DS-8632NI-ST,

DS-8664NI-ST

DS-9508NI-RT, DS-9508NI-ST, DS-9516NI-RT, DS-9516NI-ST, DS-9532N-RT, DS-9532N-ST

DS-9608NI-RT, DS-9608NI-ST, DS-9616NI-RT, DS-9616NI-ST, DS-9616NI-XT, DS-9632NI-ST

DS-9632NI-XT, DS-9632NI-RT, DS-9664N-ST, DS-9664NI-XT, DS-9664NI-RT

DS-8004HFI-ST, DS-8008HFI-ST, DS-8016HFI-ST, DS-8104HFI-ST, DS-8108HFI-ST,

DS-8116HFI-ST

DS-9004HFI-ST, DS-9008HFI-ST, DS-9016HFI-ST, DS-9104HFI-ST, DS-9108HFI-ST,

DS-9116HFI-ST



## CAMERAS

### 1. New IP Camera Ready for Field Trial

Model	Brief Description
DS-2CD8255F-EIZ	Outdoor Bulletin, 1080P, DWDR, IR, Motorized Zoom, 12VDC/PoE
DS-2CD8254FWD-EIZ	Outdoor Bulletin, 3MP, WDR, IR, Motorized Zoom, 12VDC/PoE
DS-2CD8283F-EIZ	Outdoor Bulletin, 5MP, IR, Motorized Zoom, 12VDC/PoE
DS-2CD764FWD-EZ	Indoor Dome, 1.3MP, WDR, Elect. D/N, Motorized Zoom, 12VDC/PoE
DS-2CD764FWD-EIZ	Indoor Dome, 1.3MP, WDR, IR, Motorized Zoom, 12VDC/PoE
DS-2CD755F-EZ	Indoor Dome, 1080P, DWDR, Elect. D/N, Motorized Zoom, 12VDC/PoE



## 2. Release DM365 IP Camera Firmware V4.1.0 Build 130111

Compatible Models:

DS-2CD833F-E, DS-2CD893NF-E, DS-2CD893NFWD-E, DS-2CD863NF-E, DS-2CD864FWD-E,

DS-2CD864F-E, DS-2CD853F-E, DS-2CD855F-E, DS-2CD854F-E, DS-2CD854FWD-E,

DS-2CD883F-E

DS-2CD733F-E(I)(Z), DS-2CD793NF-E(I)(Z), DS-2CD793NFWD-E(I)(Z), DS-2CD763NF-E(I)(Z),

DS-2CD764FWD-E(I)(Z), DS-2CD764F-E(I)(Z), DS-2CD753F-E(I)(Z), DS-2CD755F-E(I)(Z),

DS-2CD754FWD-E(I)(B), DS-2CD754F-E(I), DS-2CD754FWD-E(I)Z, DS-2CD783F-E(I)(Z),

DS-2CD7133-E, DS-2CD7164-E, DS-2CD7153-E

DS-2CD8133F-E(I)(B), DS-2CD8153F-E(I)(B)

DS-2CD8233F-E(I)(Z), DS-2CD8264FWD-E(I)(Z), DS-2CD8264F-E(I)(Z), DS-2CD8253F-E(I)(S),

DS-2CD8253F-E(I)(Z), DS-2CD8255F-E(I)(Z), DS-2CD8254F-E(I)(S), DS-2CD8254FWD-E(I)(Z),

DS-2CD8283F-E(I)(Z)

DS-2CD7233F-E(I)Z(H), DS-2CD7293NF-E(I)Z(H), DS-2CD7293NFWD-E(I)Z(H),

DS-2CD7263NF-E(I)Z(H), DS-2CD7264FWD-E(I)Z(H), DS-2CD7255F-E(I)Z(H),

DS-2CD7254FWD-E(I)Z(H), DS-2CD7283F-E(I)Z(H)

DS-2CD8464F-E(I)(W), DS-2CD8433F-E(I)(W)

DS-2CD864F-EI3, DS-2CD855F-EI3, DS-2CD855F-EI5, DS-2CD783F-EP(B), DS-2CD7353F-EI



### 3. IP Camera DS-2CD7153-E Compatible Issue with Cisco PoE Switch

As customer's feedback some of DS-2CD7153-E cannot be start up by Cisco PoE switch, but can be start up by other brand (such as NetGear, Linksys) PoE switch

Our IP cameras are fully compliant with 802.3af standard. We sold several hundred thousand of 7153/7164 cameras, only got very rare PoE switch compatible issue.

There is handshake time range between PD and PSD. We believed that Cisco PoE switch is more strict than other brand PoE switch (such as NetGear, Linksys), so our camera cannot be start up by Cisco PoE switch, but still can be start up by other brand PoE switch.

Our USA team and R&D are doing more investigation. Current solution is changing a resistance on PCB to short handshake time to resolve Cisco PoE switch compatible issue.



#### 4. Camera DS-2CC5173N-VP Manufactured in 06/2011 and 07/2011 Loose Lens Issue

We found that part of DS-2CC5173N-VP inventory (manufactured in 06/2011, 07/2011) have lens loose issue. We hold these cameras shipment, and are checking with HQ the solution.

Camera which is manufactured from 08/2012 do NOT have this issue, we will ship these camera to the customers if there is order.



## SOFTWARE

### 1. iVMS-4200 Client Software V1.02.07.50 Ready for Field Trail

Update:

Replaced splash screen with "Intelligent", the old one is "Intelligence".

Fixed the issue of motion detection setting failure on NVR.

Fixed the issue of missing of IP channel of Hybrid DVR when configure new user permission on remotely configuration.

Added hint "When using event recording with resolution changes, this conversion will result in multiple video clips!" on recorded file format convert page.

Changed default installation settings, only install Client as default.

### 3. iVMS-4200 PCNVR Software V1.02.00.03 Ready for Field Trail

<http://www.hikvision.com/en/download.asp>

Brief description:

iVMS-4200 PCNVR is used to replace iVMS-2000 PCNVR. It has the similar GUI as iVMS-4200 client software, and is fully compatible with iVMS-4200 client software for remote access.



## DOCUMENT

1. Camera Network Port List Technical Bulletin

[http://www.hikvision.com/En/US/support\\_more.asp?id=228](http://www.hikvision.com/En/US/support_more.asp?id=228)

2. Update HDD Compatible List

[http://www.hikvision.com/En/support\\_more.asp?id=201](http://www.hikvision.com/En/support_more.asp?id=201)