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# 06/2012 Product News



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

### **1. DS-96xxNI-ST and DS-90xxHFI-ST HDD bracket**

We have two options for DVR HDD bracket, one for installing 8 HDDs and another for installing 4HDDs+CD/DVD burner.

New product DS-96xxNI-ST and DS-90xxHFI-ST would come with **HDD bracket for 8 SATA drive by default.**

**Note:** Bracket for 4 SATA driver and DVD burner would be **special order.**



## 2. DVR/NVR HDD compatibility list update

Followed are updated information of DVR/NVR HDD compatibility list:

We have passed 3.0 TB hard drive test on “-ST” series DVR/NVR.

The HDD model name for 3.0 TB are **Seagate SV35TM ST3000VX000** and **Western Digital WD30EURS-63R8UY0**

**Note:** We will be establishing a Hikvision Model number and pricing shortly.



## **CAMERAS:**

### **1. DM365 IPC Firmware Version: V4.0.1 build 120508**

**Firmware Version:** V4.0.1 build 120508

#### **New Features:**

1. Support SD card backup in case of NAS disconnection;
2. Support JPEG snapshot and FTP upload function while alarms trigger, as well as snapshot search and download;
3. Support selecting MIC or LINE IN as audio input;
4. Support audio encoding profile configuration;
5. Support video encoding profile configuration;
6. Support one-touch focus function (only available on camera with motorized VF lens)
7. Support DST;
8. Support video pre-recording function;
9. Support new protocols: Https, 802.1x, IGMP, SNMP, SMTP, QoS
10. Support Hikvision EasyDDNS
11. Support 2D DNR for DS-2CDx64F-E series (DS-2CD864FWD-E, DS-2CD764FWD-E, etc);
12. Enhanced low-light performance for DS-2CDx55 series (DS-2CD855F-E, DS-2CD755F-E, etc);

#### **Improved Features:**

1. Upgrade coding lib to support frame-loss function;
2. New web browser user interface;

#### **Known Issues:**

1. Zoom+/- buttons are reversed in web interface;
2. Shutter time displays wrong(1/25, 1/50, ...) in 60HZ.



## Supported Camera Model List:

### VGA Series:

DS-2CD733F-E(I)(Z), DS-2CD7133-E, DS-2CD7233F-E(I)Z(H), DS-2CD833F-E, DS-2CD8133F-E

### 4CIF CCD Series:

DS-2CD793NF-E(I)(Z), DS-2CD793NFW-D-E(I)(Z), DS-2CD7293NF-E(I)(Z), DS-2CD7293NFW-D-E(I)Z(H), DS-2CD893NF-E, DS-2CD893NFW-D-E

### 1.3MP CCD Series:

DS-2CD763NF-E(I)(Z), DS-2CD7263NF-E(I)Z(H), DS-2CD863NF-E

### 1.3MP CMOS Series:

DS-2CD764FWD-E(I)(Z), DS-2CD7264FWD-E(I)Z(H), DS-2CD7164-E, DS-2CD864FWD-E

### 2.0MP (1600x1200) CMOS Series:

DS-2CD753F-E(I)(Z), DS-2CD7253F-E(I)Z(H),  
DS-2CD7153-E, DS-2CD8153F-E, DS-2CD853F-E, DS-2CD8253F-EIS

### 1080P CMOS Series:

DS-2CD755F-E(I), DS-2CD7255F-E(I)Z(H), DS-2CD855F-E, DS-2CD754FWD-E(I), DS-2CD854FWD-E

### 3.0MP CMOS Series:

DS-2CD754F-E(I), DS-2CD854F-E, DS-2CD8254F-EIS

### 5.0MP CMOS Series:

DS-2CD783F-E(I), DS-2CD883F-E

**Note:** Please be noted that V4.01 build 120508 is NOT compatible with **DS-2CD82xxF-E(I)Z** series bullet cameras with motorized lens.



## 2. 752&762 Outdoor Dome Camera Improvement

**Models: DS-2CD752MF-IFB, DS-2CD762MF-IFB**

**Following improvement steps for our inventory cameras:**

1. Existing gasket on camera back is thin. Ask HQ to ship us a separate gasket to cover camera back and extend out to make a complete coverage. We will put the gasket in camera package.
2. Ask HQ to find and ship us screws with rubber washer/gasket to cover inside/out screw holes on camera back. We will replace the original screws in camera package.
3. Put some desiccant (silicone pack) inside the camera body to reduce the effects of condensation
4. Put printed Quick Start Guide with improved water-proof measures in the camera package.



## 3. Internal release DS-2CD7164-E for field trial



### Product Key Features

- Up to 1.3 megapixel (1280 × 960) resolution
- Standard H.264 video compression with high compression ratio
- Progressive scan CMOS, capture motion video without sawtooth
- Support dual streams, and the sub stream used for the mobile phone surveillance
- PoE (Power over Ethernet)
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement
- Weather Proof Rating: IP66
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10

**Note:** This is not an officially released product, we only release it internally for field trial.



## SOFTWARE:

### 1. iVMS-4500 lite(iPhone) V2.0

**Updated: Jun 13, 2012**

**Version: V2.00.00 build 20120517**

#### **New features:**

1. Support two-way audio.
2. Support arm/disarm device and receive uploaded alarm message.

**Note:** We got two known issues in this version:

1. Frozen while live view iVMS2000 channels.
2. Can't connect device with HIK H.264 stream, like the 6 inch speed dome in HIKvision USA office.

R&D are aware of these problems, it's cause by the Playctrl lib. R&D optimize the Playctrl lib to get better live view and playback performance. And they are trying to solve the problems now.



## 2. iVMS-4500 HD(iPad) V2.0

**Updated: Jun 13, 2012**

**Version: V2.00.00 build 20120517**

### **New features:**

1. Support two-way audio.
2. Support arm/disarm device and receive uploaded alarm message.

**Note:** We got two known issues in this version:

4. Frozen while live view iVMS2000 channels.
5. Can't connect device with HIK H.264 stream, like the 6 inch speed dome in HIKvision USA office.

R&D are aware of these problems, it's cause by the Playctrl lib. R&D optimize the Playctrl lib to get better live view and playback performance. And they are trying to solve the problems now.



### 3. iVMS-4500(Android) V2.0

**Updated: Jun 8, 2012**

**Version: V2.00.00 build 20120608**

**New features:**

1. Support two-way audio.
2. Support arm/disarm device and receive uploaded alarm message.

**Modified features:**

1. Change "Stop/Play" button to "Pause/Play" button in playback.

**Fixed Bugs:**

1. Fix icons wrongly display in high definition phone.

**Note:** We got two known issues in this version:

1. Frozen while live view iVMS2000 channels.
2. Can't connect device with HIK H.264 stream, like the 6 inch speed dome in HIKvision USA office.

R&D are aware of these problems, it's cause by the Playctrl lib. R&D optimize the Playctrl lib to get better live view and playback performance. And they are trying to solve the problems now.



## **PRODUCT WARRANTY**

Product warranty is now 36 months for ALL products. Extended Warranty can be provided for the 4th year at 5% additional cost and 5th year at 8% additional cost

***HIKVISION***

# **05/2012 Product News**



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

1. DS-7304HFI-SE\_USA\_Firmware\_V1.2.2\_build 120514

**DZ20120427\_22**

**Firmware version:** V1.2.2 Build120514

**Modified Features:**

Support SADP V3.0 protocol.

**Compatible models:** DS-7304HFI-SE



## 2. DS-7308\_16HFI-ST\_USA\_Firmware\_V2.0.2\_build120509

**DZ20120413\_06**

**Firmware Version:** V2.0.2 build120509

### **Modify features:**

1. Delete "Quota" Configuration menu;
2. In "Disk Management" - "S.M.A.R.T Settings" menu: Change "Use the disk when failed" into "Ignore S.M.A.R.T Info \*" Add description: With \* checked, DVR continues to use the hard disk when S.M.A.R.T data reports error.
3. Improve live view quality.

### **New features:**

1. Add DVR function list protocol. With this protocol, iVMS-4200 can get DVR function list, and display the correct settings.

**Compatible Models:** DS-7308HFI-ST, DS-7316HFI-ST





### 3. DS-9500\_USA\_Firmware V 1.3.4\_120503

**DZ20120425\_07**

**Fixed bugs:**

Fix updated from lower version (V1.2) to higher version (V1.3) bugs, no need to re-add all IP cameras or configure NVR parameters.

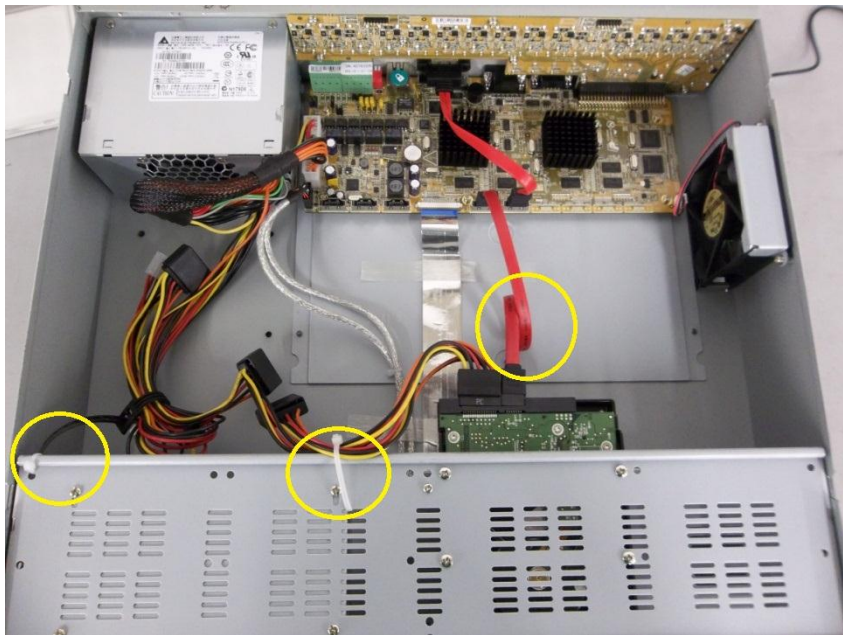
**Compatible models:** DS-9508NI-S, DS-9516NI-S

## 4. DVR/NVR New assembly procedure

### Fixed problem:

The HDD cables in the standard chassis DVRs are coming loose during shipping

Per the advice from our HDD Rep, we have added a “Service Loop” to the SATA cable. We have also used additional zip-ties to secure the SATA power cords to the HDD bays to limit movement during shipping. See picture bellow.





## **SOFTWARE:**

### **1. iVMS-4000 software V2.04.01.50**

#### **Update Information:**

1. Switch between sub-stream on a multiple camera view (more than 4 cameras) and pull the main stream when in full screen mode.

2. Update remote configuration to be compatible with iVMS-2000 V2.0.2 build 111230.

3. Support DVR with "No-IP" function;

4. Add SADP V3.0 protocol;

5. Merge multiple video clips into one file (4GB maximum) when download by time.

6. Support Hikvision new DDNS;

7. Compatible with DS-7304HFI-SE, DS-73xxHFI-ST and DS-96xxNI-ST series new products.



## 2. Mac OSX Web Component V3.0.3.3 build 120329

### **Description:**

Support **Mac OSX 10.6** and above version;

Web component package should be installed manually;

Compatible with Safari for Mac, Chrome for Mac, does not compatible with Firefox for Mac yet;

Compatible with 3.0 web;

Compatible Hikvision Embedded DVR/NVR with 3.0 web, such as DS-7300HFI-ST, DS-9000HFI-ST, DS-9600NI-ST;

### **Function:**

Live view;

Remote Playback;

Local Configuration;

Remote Upgrade Firmware;

Motion Settings;

OSD Settings;

Export Log;

Import/Export DVR/NVR Configuration;

Video File Download;

Support https;

Full Screen Display.



### 3. iVMS-4200 software(Windows) V1.02.00.50

#### Newly Added Functions:

##### Login

1. Enable auto-login in the interface of creating a super user account.
2. Show logging in progress in the login interface.
3. Newly featured wizard for adding cameras.

##### Camera Import

4. Arrange the added devices in order in the Device Management interface.
5. Show the camera picture in the device list in Import Camera interface.
6. Automatically switch to the next camera to import when the previous camera has been imported.
7. Multi-select in the device list in Import Camera interface.
8. Multi-select and add the online devices searched by SADP.
9. Add device HDD information and network flow information in the title bar in Import Camera interface
10. Add the right-click menu for the group list in Import Camera interface.
11. Drag the mouse to adjust the order of camera groups in Import Camera interface.
12. Multi-select (CTRL&SHIFT) the camera groups in the group list in Import Camera interface.
13. Mark the devices which have already been added during showing the online devices by SADP.
14. Refresh the camera name in Import Camera interface.
15. Add *EasyDDNS* server support function.
16. Hide/Expand all cameras or captured pictures list in Import Camera interface.

##### Main View

17. Fuzzy position in drop-down list selection of groups.
18. Locate the pop-up message to the folder during picture capturing and recording.
19. Newly featured volume control operation.
20. Digital zoom in the pop-up live view window.
21. 4-screen live view.
22. In the main view interface, the system will select the next picture/file from the captured pictures/video files list when the current picture/file is deleted.
23. In main view interface, add the right-click menu (capture, recording, two-way audio, camera status, camera settings, synchronization, main/sub stream) for the



camera in the camera groups list. Add the menu (Collapse/Expand; main/sub stream) for the group node.

24. Auto filter the added channel
25. Drag the group to the playing window for live view.
26. Digital zoom in the video player.
27. Switch display at CIF/4CIF in the video player.
28. Adjust the location of TAB page.

### **Stream Media Server management**

29. Fuzzy search and position in the DVR/NVR, decoding device and stream media server management interfaces.

### **Alarm Information Management**

30. Add remark in the alarm event list.
31. Add the Lock and Auto-hide function for the alarm information list.
32. Show the alarm event type in the alarm event list during Event Playback.
33. Enter the Email settings interface automatically if it has not been configured when sending the alarm information by Email.
34. Switch to full screen to monitor when alarm is triggered.
35. View the preview/next alarm event in the alarm event list.
36. Add "Clear" in the title bar of alarm event list.
37. Add one-key alarm arming/disarming button for the connected devices.
38. Show the Device Serial No. while modifying the device information.

### **Recording, Playback and Download**

39. Different file types are marked in different colors in the timeline during remote playback.
40. Configure the template name for the recording schedule template.
41. Add Tag operation during remote playback.
42. Drag the camera to the playing window to start playback during remote playback.
43. Resume download during remote playback.
44. Play back the remote video files during remote NVR configuration.
45. Search, play back and download the video files of 4000NVR.
46. Add the controllable time function in calendar.
47. Show the file type in different colors in the timeline during remote playback.
48. Save as for multiple files.
49. Add 3D positioning.
50. Show the tag name, start time and end time of the tag in the tag downloading window.
51. Cancel the searching process during remote playback.

## E-map

- 52. Multi-select hotspots in E-map.
- 53. Multi-select and add hotspots in E-map.
- 54. Add hot region in E-map.
- 55. Modify the hotspot-linked camera when modifying the hotspot information.
- 56. Fuzzy search of hotspots in E-map.
- 57. Configure the hotspot color and icon in E-map.
- 58. E-map hotspot flickers when alarm is triggered.
- 59. Multi-select in the Add Hotspot and Add Spot Region interface; edit name and select color.
- 60. Add the right-click menu of hot region in map preview mode; add the clear hotspot alarm in the right-click menu of hotspot.

## Remote Configuration

- 61. Add ATM settings in the remote configuration interface of device.
- 62. Configure the linked cameras in the remote configuration interface of stream media server.
- 63. Format the HDDs in batch in Device Management.
- 64. All types of files are selectable when selecting the update files of device.
- 65. Control permission to import/export client software configuration parameters.
- 66. Switch display at CIF/4CIF in the captured picture player during remote configuration.
- 67. Multi-select in HDD group settings interface.
- 68. Import/Export device configuration files.
- 69. Remotely export device logs.

## Camera Settings

- 70. Configure the OSD Attribute under Camera Settings->Video Display.
- 71. Add the sliding bar for configuration in the Camera Settings interface.
- 72. Add the time information in the camera status.
- 73. Add the current bit rate information in the camera status.
- 74. Configure the OSD size.
- 75. Show the camera information.
- 76. Restore camera lens to default position.
- 77. Select video encoding complexity.
- 78. Select audio encode type.

## Others

79. The client software configuration file for exporting is packed in *zip* format, and when importing the configuration file, it can be the decompressed *zip* file, uncompressed iVMS-4200 configuration file and the iVMS-4000 database file.
80. Add log record of starting/stop device broadcasting.
81. Install/uninstall the client software by single component in additional mode.
82. Click to open the edit box in the list view with the change mouse icon.
83. Control the permission to import/export client software configuration parameters.
84. Add the **Lock** option under System in the menu bar.

## **Modified Functions:**

1. The admin user can't edit its password.
2. The offline device can still be played back if there are record files on the NVR.
3. The login method of the IP server is modified.
4. Changed to refresh the channel name when refreshing the channel information.
5. Changed to combine the template edit and selecting function.
6. Modified the problem that the OSD text can't be moved.





## 4. iVMS-4500 lite(iPhone) V1.6

### **New features:**

1. Support **Easy DDNS**
2. Support **remote playback** recording files on devices.
3. Support maximum management devices up to **100**. Former is only **16**.



## 5. iVMS-4500 HD (iPad) V1.6

### **New features:**

1. Support **Easy DDNS**
2. Support **remote playback** recording files on devices.
3. Support maximum management devices up to **100**. Former is only **16**.



## 6. iVMS-4500(Android) V1.6

### **New features:**

1. Support High-definition up to 1080P.
2. Support Video & Audio Main/Sub Stream transmitting from device
3. Support **Easy DDNS**
4. Support **remote playback** recording files on devices.
5. Support maximum management devices up to **100**. Former is only **16**.
6. Support 960\*450 resolution, other large resolution will be supported by Android HD version.

## BRACKET

### 1. DS-1312HZ-B (Newly Released)

DS-1312HZ-B is a new model but actually is combination of DS-1213ZJ and DS-1312HZ.

Customers can order only one bracket instead of two if they need wall mount bracket and camera housing at the same time.

#### DS-1213ZJ



#### DS-1312HZ





## **04/2012 Product News**



# DVR/NVR/HDVR/DVS:

## 1. DS-7304HFI-SE\_USA\_Firmware **(Newly Released)**

**DZ20120215\_04**

**Firmware version:** V1.2.2 Build120221

**Compatible models:** DS-7304HFI-SE

DS-7304HFI-SE is a **newly released** 4-ch D1 real-time DVR , followed are its key features:

1. User-friendly GUI for easy operation
2. Up to 1024×768 VGA output resolution
3. Simultaneous VGA and CVBS output
4. 4CIF real-time resolution
5. Normal and event recording parameters configurable per individual camera
6. Partial digital zoom by using mouse when in PTZ control mode
7. 4-ch synchronous playback
8. Support dual stream
9. Sending of alarm images by Email
10. NTP, SADP, DHCP protocols supported



## 2. DS-7308\_16HFI-ST\_USA\_Firmware **(Newly Released)**

**DZ20111212\_19**

**Firmware Version:** V2.0.1 build120227

**Compatible Models:** DS-7308HFI-ST, DS-7316HFI-ST

DS-7308/16HFI-ST are **newly released** DVR, followed are new/modified features:

### **New features:**

1. During video playback, support quickly or custom add tags.
2. Add picture capture in schedule function. Picture capture quality can be configured. Captured picture can be exported to backup device.
3. Add picture playback function, user can playback in small or full screen mode.
4. Add tag playback function.
5. Add holiday recording schedule function.
6. Add ftp upload function.
7. Support multiple HDMI/VGA output resolution: 1024\*768, 1280\*1024, 1600\*1200, 1920\*1080.
8. Add local permission setting. Permission can be configured detailed to each channel.
9. Add HDD quota management function; different capacity can be assigned to different channel.
10. Add S.M.A.R.T function.

### **Modified features: (Compare to 73/81-S series DVR GUI)**

1. Delete Lock menu setting.
2. Modify remote permission to support being configured to each channel.



### 3. DS-9632NI-ST\_USA\_Firmware **(Newly Released)**

**DZ20120424\_02**

**Firmware Version:** V2.1.1 Build120329

**Compatible Model:** DS-9632NI-ST, DS-9000HFI-ST

DS-9632NI-ST is a **newly released** NVR, followed are its key features:

**Key features:**

1. Connecting to the third-party network cameras with up to 5 Megapixels resolution;
2. Simultaneous HDMI, VGA and CVBS outputs; simultaneous live view and playback
3. Support live view, storage and playback of video at 5.0 Megapixel resolution.
4. HDMI/VGA display at up to 1920×1080P resolution
5. Reverse playback
6. Digital zoom on live view and playback, 16x zoom maximum
7. Up to 16-ch synchronous playback at 4CIF resolution.
8. Customization of tags, searching and playing back by tags.
9. Searching record files and captured pictures by events (alarm input/motion detection).
10. Holiday recording schedule configuration.
11. HDD quota management; different capacity can be assigned to different channel.
12. Redundant recording and capturing.
13. Support eSATA disk for recording or backup.
14. Dual file system design ensures high reliability and stability.
15. 2 self-adaptive 10M/100M/1000M network interfaces, with working modes configurable: multi-address, load balance, network fault tolerance, etc.
16. IPv6 is supported.
17. TCP/IP protocol, DHCP, DNS, DDNS, NTP, SADP, SMTP, NFS, and iSCSI are supported.





## 4. DS-6604HFI\_Firmware\_V1.2.0\_build120215



DS-6604HFI is a 4-ch 4CIF real-time DVS with HIK\_CGI, PSIA, OnVIF Supported

### **Firmware modified features:**

#### **Modified features:**

1. Use new version ActiveX Control which support different IE browser
2. Support IPv6
3. Support SNMPV1、SNMPV2、SNMPV3
4. Support UPDP
5. Support No-IP
6. Support alarm trigger capturing picture and upload picture to ftp

#### **Fixed bugs:**

1. Fix live view black bar issue
2. Fix DHCP assign IP address conflict issue



## 5. DS-6500HFI\_Firmware\_V1.0.1 build110104



**Compatible Models:** DS-6508HFI, DS-6516HFI

DS-6508/16HFI is 8-ch/16-ch 4CIF real-time DVS.

**NOTE:** DS-6500HFI series DVS do not support HIK\_CGI, PSIA or OnVIF.

## CAMERAS:

### 1. DS-2CD8264FWD-EIZ (Newly Released)



#### Product key features :

- Up to 1.3 megapixel (1280 x 960) resolution
- Standard H.264 video compression with high compression ratio
- 120DB Wide Dynamic Range, suitable for strong backlight environment
- High-performance and long service life infrared LED, up to 20-30 meters application distance.
- Progressive scan CMOS, capture motion video without sawtooth
- Support dual streams, and the sub stream used for the mobile phone surveillance
- Up to 32GB SD/SDHC card local storage
- IR cut filter with auto switch
- PoE (Power over Ethernet)
- Auto iris, electronic shutter for different environment
- Weather Proof Rating: IP66

**Firmware version :** V3.0 build 110921

#### Firmware modified features:

- Main stream support H.264 and MPEG4, sub stream support H.264/MPEG4/MJPEG. Device reboot is required if you change encoding type.
- Support 4CIF resolution support in sub stream
- Do not need to disable local video output if used substream
- Support PSIA (Version 1.1, Revision 1) ONVIF (Version 1.02) and Hik CGI (Version 1.5.8)
- Support batch upgrade
- Support for hot-pluggable SD card
- Support DS-9000-S series DVR with V1.3.0 or later firmware.



**Note:** If setup main stream as H.264, substream cannot be setup as MPEG4; If setup main stream as MPEG4, sub stream would not be setup as h.264.

## 2. DS-2CC1173N-VF(IR)(Newly Released)



### Product key features :

- Compact design
- SONY Super HAD CCD II
- Flickerless mode
- Smart IR mode
- IR cut filter with auto switch
- 3D-Digital Noise Reduction (3D-DNR)
- Min. illumination: 0.1 Lux @ F1.2, 0 Lux with IR
- Eclipse
- OSD menu
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement
- Weather proof rating: IP66

-IR: Support IR

### Order Models:

DS-2CC1173N- VF

DS-2CC1173N- VFIR

## KEYBOARD

### 1. DS-1100KI (Newly Released)



#### Product key features :

1. Ergonomic design with 800×480 LCD touch panel
2. Live view and playback of video on screen at up to 1080p resolution
3. 1-channel video decoding for local preview
4. Video capture and recording to local U-flash disk
5. Compatible with DVR/DVS, matrix, network camera/dome, PC-DVR, etc.
6. Support 15 operators, and each user is allowed to operate 256 devices



## **SOFTWARE:**

1. iVMS-4500 lite V1.51

### **New features:**

1. Support High-definition up to 1080P.
2. Support Video & Audio Stream transmitting from device.