IPC V5.1.6 Release Note

1. Software Version Information

1. Firmware Version: V5.1.6 build 140412
2. TAG Branch:

https://192.0.0.140/Camera/IPC_Product/Tags/release_V5.1.6_build20140412

3. Released Models (No new models for overseas market):

R0 Platform:

2012-I, 2032-I, 2112-I, 2132-I, 3112-I, 3132-I, 2212-I5, 2232-I5,
, 2312-I, 2332-I

2412F-I(W), 2432F-I(W), 2512F-I(S)(W), 2532F-I(S)(W)

2612F-I(S), 2632F-I(S), 2712F-I(S), 2732F-I(S)

R1 Platform:

DS-2CD4012F(-A, -P, -W), DS-2CD4012FWD(-A, -P, -W), DS-2CD4024F(-A, -P, -W), DS-2CD4032FWD(-A, -P, -W), DS-2CD4112F-I(Z), DS-2CD4112FWD-I(Z), DS-2CD4124F-I(Z), DS-2CD4132FWD-I(Z), DS-2CD4212F-I(-H, -S, -Z), DS-2CD4212FWD-I(-H, -S, -Z), DS-2CD4224F-I(-H, -S, -Z), DS-2CD4232FWD-I(-H, -S, -Z), DS-2CD4312F-I(-S, –H, –Z), DS-2CD4312FWD-I(-S, –H, –Z), DS-2CD4324F-I(-S, –H, –Z), DS-2CD4332FWD-I(-S, –H, –Z), DS-2CD6412FWD

R3 Platform:

DS-2CD6026FHWD

2. Relevant Resource

1. SDK: V4.2.8.7 build20140408

   Play library (PlayCtrl.dll): 6.5.1.12

   Encapsulation library (SystemTransform.dll): 2.3.0.8

   RTSP communication library (StreamTransClient.dll): 1.1.2.10

2. 4200 client: Version4200 v2.00.09.03 build20140408
3. Widget: Web:3.1.3.140318 , Plugin:3.0.5.10
4. NVR Version:

   Netra PlatformDS-9016HF-ST   V3.1.0 build140113

8107 Platform DS-7608N-SE V2.3.7 build131112

HISI Platform DS-7616N-SN/P v2.3.6build131120

5. Standard protocol and the version information of third party platform

HIKCGI 2.0; ISAPI 2.0; PSIA 1.1;

ONVIF 2.2 (profile S) official verified version: V13.12;

1) NUUO Platform:

Version: 4.1.12

Drive Version: 2.19

Protocol: HIKCGI

2) Milestone Platform:

Version: Milestone Enterprise 8.1a, Milestone Corporate 6.1a

Drive Version: Driver 7.0

Protocol: HIKCGI

3) Excaqvision Platform:

Version: 5.8.1

Protocol: HIKCGI, ONVIF

6, NAS (Only Brainaire is tested):   DS-A2016R, DS-A1016RS V2.2.0-7

3. Version Note

Public Module:

1. Newly Added

1) NTP timing port is configurable

2) OSD and character overlay can be set with different color

3) Multi-stream recording

4) NAS Server Test

5) Email Server Test

6) FTP Server Test

7) IP Confliction

8) NTP Server Test

9) FTP image storage content is customized

10) Timing capture schedule is supportable for capture schedule

11) Encoding performance is configurable

12) Audio and talk support G.722 encoding

13) Add arming time, alarm output linkage and video linkage for face detection

2. Improvement

1) Watermark is supportable for viewing, recording and playback

2) Wipe out HIKVISION information for neutral version

3) Optimize the content of Illegal login e-mail linkage: Add IP in e-mail linkage

4) Max. bitrate interface in widget is changed to pull-down list

5) Video frame rate is displayed sequentially

6) Add "fps" for frame rate configuration

7) Play mode is modified from "shortest delay, real-time, balance and fluent" to "shortest delay and self-adaptive" in local configuration of widget and client software

8) ONVIF searching protocol extension: Private information is extended on the base of current onvif search. The content of original standard ONVIF is not changed. Searching and modifying the requested probe style are newly added. The reported device information is added

9) Sub-stream MJPEG stream pushing is optimized: No need for inputting username and password after inputting URL, which adds convenience for interaction between url and device. Format of URL is "http://ip:port/Streaming/channels/1/preview?auth=xxxxxxx ". "xxxxxxx" is the verified information encrypted by base64.

10) Support GBK font library to solve the problem of overlay failure (for some rarely used words)

11) Automatic upgrading and optimizing. Using ".zip" file to upgrade in content upgrading is supportable.

12) Modifying rtsp port, snmp, NIC type is accessible without reboot

13) Modify oversea version to support traversing virtual plane detection

R0 Platform:
1. Newly Added

1) Support traversing virtual plane detection, intrusion detection, face detection and scene change detection. Mutual exclusion occurs between face detection, traversing virtual plane detection and intrusion detection.
2) Add two-dimension code recognition for 2412F-I(W) and 2432F-I(W) (support ezviz7)

2. Improvement
1) Shows enable and disable button for ezviz7 on the interface of widget

R1 Platform:
1. Newly Added
1) Add sensitivity configuration for defocus detection

2. Improvement
1) Smart IR algorithm optimization to solve the over-exposure problem

R3 Platform:
1. Newly Added
1) Add sensitivity configuration for defocus detection

2. Improvement
1) Smart IR algorithm optimization to solve the over-exposure problem