# IPC R4 Platform V5.0.9 Release Note & Leftover Problems

## 1. Software Version

1) Firmware Version: V5.0.9 build 140305

   Encoding Version: V4.0 build 140302

2) TAG Branch:

https://192.0.0.140/Camera/Platform/Branches/S2_fisheye    SVN: 67204

3) Models Available

DS-2CD6332FWD-I、DS-2CD6332FWD-IS、DS-2CD6332FWD-IVS、DS-2CD6362F-I、DS-2CD6362F-IS、DS-2CD6362F-IVS、DS-2CD6332FWD-IV、DS-2CD6332FWD-IVS、DS-2CD6362F-IV、DS-2CD6362F-IVS

## 2. Relevant Resource

1) SDK Version: 4.2.8.3_build20140213

   Play Library: PlayCtrl.dll: 6.5.1.9

   Encapsulation Library: SystemTransform.dll 2.3.0.7

   RTSP Communication Library: StreamTransClient.dll 1.1.2.10

2) 4200 Version: iVMS-4200 PCNVR V2.0.7.8

## 3. Version Modification

**1) Adding**

(1) Fisheye camera can be mounted as wall mount, ceiling mount and desk mount;

(2) Fisheye camera can be adjusted by itself and no need to rely on client software. Third party platform can be easily accessed to;

(3) Live view can be enabled or disabled:

Disabled: Low resolution and frame rate with 5 streams (1 fisheye+1 panoramic+3PTZ) output;

Enabled: High resolution and frame rate with 1 fisheye or 4PTZ live view (Only one mode of live view can be chosen for persons);

(4) PTZ supports auto-track and Max. 32 patrols and 256 presets for each patrol;

(5) PTZ supports digital zoom and Max. 10X zoom;

(6) Support MP2L2 audio;

(7) Support ROI function;

(8) 6332FWD supports WDR;

(9) Two models available: DS-2CD6362F-I(V)(S) DS-2CD6332FWD-I(V)(S);

**2) Improvement**

Null

**3) Leftover Problems**

(1) Under live view mode, not encoding is possible when switching from 1 fisheye to 4PTZ continuously for many days;

(2) ONVIF and PSIA have been only test with integration but not system; CGI protocol is not accomplished;

(3) Under live view mode with 4PTZ view mode, local record and capture is not effective;

(4) Exposure control is not good for complex scene and over exposure may occur;

(5) Day/Night switch is detected by photoresistance. Under certain light condition, brightness is not in consistent with resistor brightness so as to cause the abnormal switch;

(6) Image is not fluent when moving many PTZ at the same time;

(7) Preset cannot record zooming in operation;

(8) DNR is not satisfied;

(9) Capture is not supportable under live view mode, while relevant item can be chosen in configuration interface;