

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;