

G1 29x5 Fisheye Camera Firmware

Version: V5.4.2 build161028

Release Note

(2016-12-08 External)

Firmware Basic Information	Firmware Version:	V5.4.2 build161028
	SDK Version:	V5.2.5.35
	Play Library (PlayCtrl.dll)	V7.3.1.62
	Encapsulation Library (SystemTransform.dll)	V2.5.1.12
	RTSP Communication Library (StreamTransClient.dll)	V1.1.3.0
	Voice intercom library (AudioIntercom.dll)	V2.02.09.08
	Smart configuration library	V2.1.0
	Widget Version	V3.0.6.10 build161008
	iVMS-4200	Version 4200 V2.05.03.13 build20161027

29x5 Fisheye Camera Firmware V5.4.2 build161028 Features

1. New Features

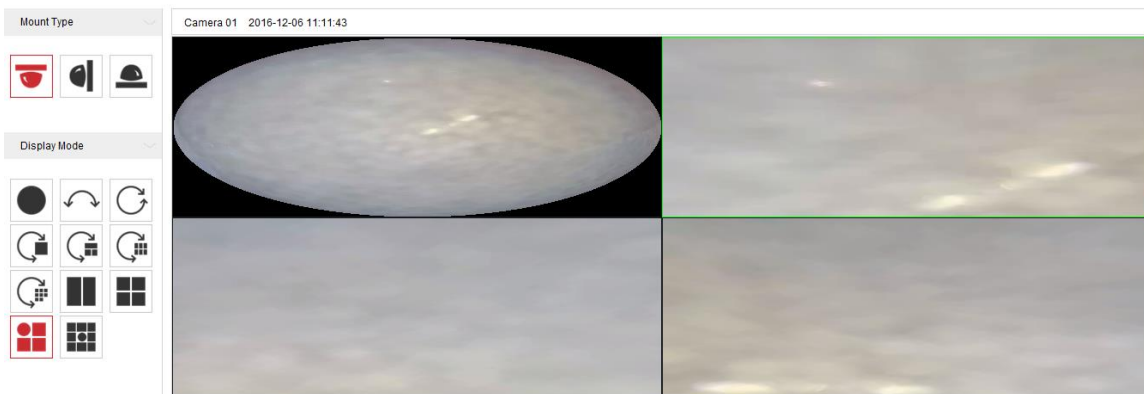
- Newly added the operation in the production line to access the center point and radius of the fisheye with "Center Point Calibration Tool" to insure the center point is in the accurate location.
- Black the area which is out of the fisheye view and make it more obvious between the internal and external parts



- .Support H.265+ and H.265 simultaneously.
- Support 29 languages in web browser: Traditional Chinese, English, Russian, Turkish, Japanese, Korean, Thai, Vietnamese, Estonian, Bulgarian, Hungarian, Czech, Slovak, French, Italian, German, Spanish, Portuguese, Polish, Greek, Dutch, Romanian, Finnish, Norwegian, Danish, Swedish, Croatian, Serbian, Slovenian.

2. Optimization

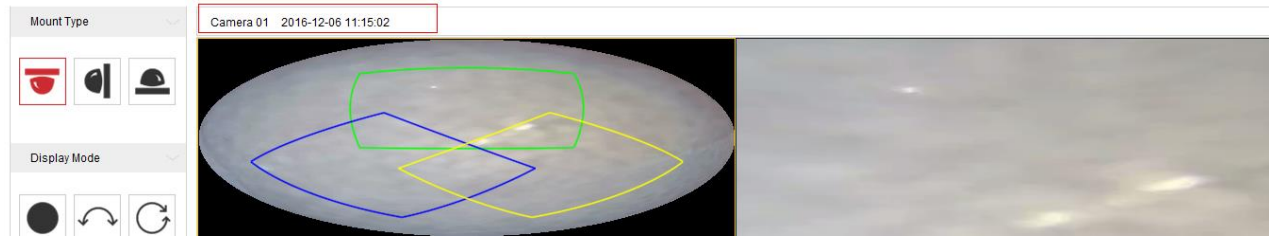
- Modify the icon for the mode of “Fisheye + 3PTZ”, which makes it consistent for the icon and live view image.



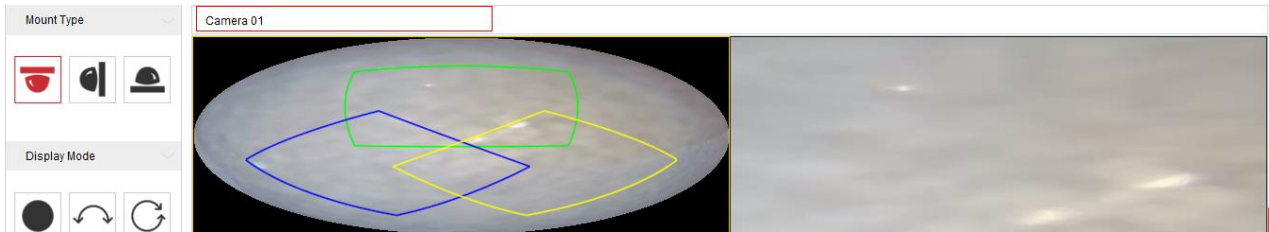
Leftover Problems

- When enabling H.265+, the OSD in the live view interface will not display. It can be solved by enabling the OSD overlay.

Smart H.265 OFF:



Smart H.265 ON:



Compatibility Update

- **U-Boot version: U-Boot 3.1.6-215698 (Aug, 16th 2016 - 20:16:52)**
- **SDK version: V5.2.5.35**
 - 1) Play library (PlayCtrl.dll): PlayCtrl_V7.3.1.62
 - 2) Encapsulation library (SystemTransform.dll): 2.5.1.12
 - 3) RTSP communication library (StreamTransClient.dll): 1.1.3.0
 - 4) Voice intercom library (AudioIntercom.dll): 2.02.09.08
 - 5) Smart configuration library: V2.1.0
- **Widget: V4.0.1**
- **4200 client: V2.05.03.13 build20161027**
- **NVR version accessing:**
 - 1) Marvell E series: DS-96128N-E16 (V3.0.4_150616).
 - 2) Marvell F series: DS-96128N-F16 (V3.2.1_160411)
 - 3) Hisi3535: DS-7732N-E4/16P (V3.4.80)
 - 4) Hisi G series: DS-7608N-G4/4P (V3.4.1 build151225)
 - 5) Hisi I8 series: DS-8664N-I8 (DS-7632N-I2/16P, HISI3536 K series V3.4.80)
 - 6) Hisi3250D/3521: ds-7608N-SHT (V3.0.17 build 150804)
 - 7) Netra DVR: DS-9016HF-ST V3.4.2 build160129
 - 8) 8107 platform: DS-7616N-F8/I V3.3.4 150715
 - 9) Hisi F series: DS-9664N-F8/I V3.3.4 150715
 - 10) Channel NVR: DS-7832N-K2 V3.3.9 151228
- **Genetec Omnicast 4.8 SR8**
- **NUUO:**
 - 1) Version: V6.4.0, drive version: V4.15

- **Milestone:**
 - 2) Milestone Enterprise 8.1a(10.1a), Milestone drive version (Driver 8.6)
 - 3) Milestone software version (Milestone Corporate 10.1a), Milestone drive version (Driver 8.6)
- **Avigilon:**
 1. Control Center: V5.8.4.16;
- **Excaqvision:**
 2. Version: 7.8.2.98464;
- **Avigilon Control Center: V5.8.4.16;**
- **Security Center: 5.5 SR1;**
- **ONVIF: 1601;**

Customer Impact and Recommended Action

This update refers to function/compatibility improvement and will take effect automatically after the Date of Change. We are very sorry for any inconvenience of use-habit changes caused by this action. For any questions and request for this firmware, please contact our local technical support team.

Remarks:

- Hikvision reserves the right to change, alter or withdraw the above notification without prior notice.
- Product design and specifications are subject to change without prior notice.
- The Hikvision firmware may contain defects or errors known as errata which may cause the product to deviate from published specifications. Current characterized errata are available on request.
- Hikvision is not liable for any typing or printing errors.

Hikvision Digital Technology CO., Ltd.
No. 555 Qianmo Road, Binjiang District, Hangzhou 310051, China
Tel: +86-571-8807-5998
FAX: +86-571-8993-5635
Email: overseabusiness@hikvision.com

Product Category	Model Number
Fisheye Camera	DS-2CD2935FWD-I (1.16mm) (STD) (Sample)
Fisheye Camera	DS-2CD2935FWD-I (1.16mm) (NEU) (Sample)
Fisheye Camera	DS-2CD2935FWD-IS (1.16mm) (STD) (Sample)
Fisheye Camera	DS-2CD2935FWD-IS (1.16mm) (NEU) (Sample)
Fisheye Camera	DS-2CD2955FWD-I (1.05mm) (STD) (Sample)
Fisheye Camera	DS-2CD2955FWD-I (1.05mm) (NEU) (Sample)
Fisheye Camera	DS-2CD2955FWD-IS (1.05mm) (STD) (Sample)
Fisheye Camera	DS-2CD2955FWD-IS (1.05mm) (NEU) (Sample)