

## 63xx Fisheye Camera Firmware

Version: V5.4.14 build160427

### Release Note

**(2016-05-16 External)**

<b>Firmware Basic Information</b>	Firmware Version:	V5.4.14 build160427
	SDK Version:	V5.1.6.30
	Play Library (PlayCtrl.dll)	V7.3.0.81
	Encapsulation Library (SystemTransform.dll)	V2.5.1.1
	RTSP Communication Library (StreamTransClient.dll)	V1.1.3..0
	Voice intercom library (AudioIntercom.dll)	V2.02.09.08
	Smart configuration library	V3.3.15.3
	iVMS-4200	Version 4200 V2.02.15.103 build20160426

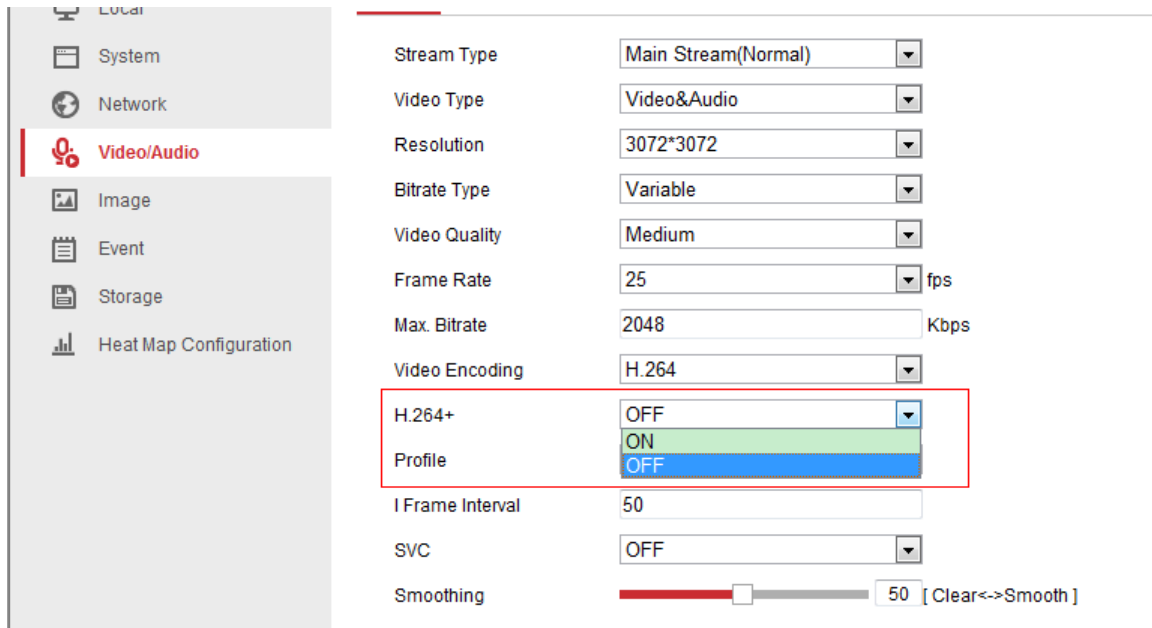
## 63xx Fisheye Camera Firmware V5.4.14 build160427 Features

### 1. New Features

- Black the area which is out of the fisheye view and make it more obvious between the internal and external parts.



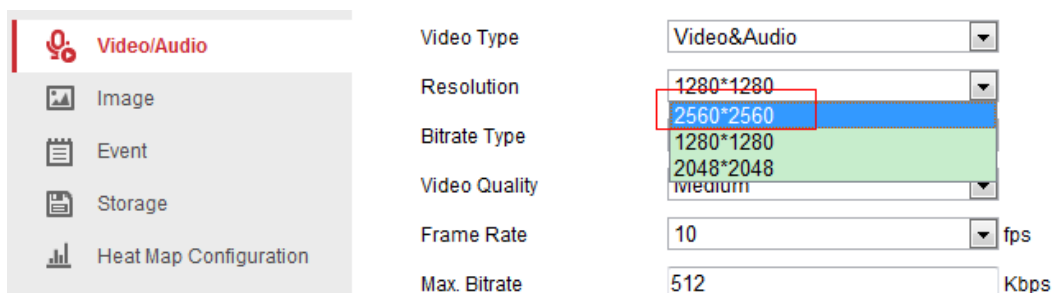
- It supports the H.264+ only in the Fisheye view mode under Hardware dewarping mode.



- It is newly added the function of uploading the pictures of smart events to FTP in all modes except the 4PTZ under the Hardware dewarping mode.

## 2. Optimization

- In the 4PTZ mode, the resolution of DS-2CD6332 is increased from 800\*600 to 1280\*960@25/24fps and DS-2CD6362 is increased from 1024\*768 to 1600\*1200@15/12.5fps.
- The fisheye channel of DS-2CD6362 newly adds the 2048\*2048 resolution in the fisheye+panorama+3PTZ mode. The maximum frame rates of each channel are modified to 12.5fps, 12fps, 8fps, 8fps, 8fps.
- For DS-2CD63C2, the default resolution of fisheye channel is modified from 1280\*1280 to 2560\*2560 in the fisheye+3PTZ mode.



- The highest and lowest values of heat map statistics will be shown in the heat map page.



Color Schemes: High (0s) Low (0s)

## Compatibility Update

- **Kernel version: U-Boot 2.0.8-70208 (Apr, 3rd 2014 - 14:08:24)**
- **U-Boot version: U-Boot 2.0.8-70208 (Feb, 2nd 2015 - 13:47:48)**
- **SDK version: V5.1.6.30**
  - 1) Play library (PlayCtrl.dll): PlayCtrl\_V7.3.0.81
  - 2) Encapsulation library (SystemTransform.dll): 2.5.1.1
  - 3) RTSP communication library (StreamTransClient.dll): 1.1.3.0
  - 4) Voice intercom library (AudioIntercom.dll): 2.02.09.08
  - 5) Smart configuration library: V3.3.15.3
  - 6) Behavior analysis algorithm library: V2.1.0
  - 7) Heat-map algorithm library: V1.0
- **Widget: V4.0.1 build150420**
- **4200 client: V2.02.15.103 build20160426**
- **NVR version accessing:**
  - 1) Marvell E series: DS-96128N-E16 (V3.0.4\_150616) (This series NVRs has been discontinued and the future version will not test)
  - 2) Marvell F series: DS-96128N-F16 (V3.2.2 150725)
  - 3) Hisi3535 E series: DS-7732N-E4/16P (V3.4.6 build 160325)
  - 4) Hisi3535 G series: DS-7608N-G2/4P (V3.4.1 build 151225)
  - 5) Hisi3798 K1 series: DS-7816N-K1 (V4.6\_160325)
  - 6) Hisi3536 I8 series: DS-8664N-I8 (V3.3.6\_150828)
  - 7) Hisi3536 I2 series: DS-7632N-I2/16P (V3.3.6\_150828)
  - 8) Hisi3536 K series: V3.4.6\_160325
  - 9) DS-7632N-I2/16P (V3.3.6\_150828)
  - 10) Hisi3520D\3521: DS-7608N-SHT (V3.0.17\_150804)
  - 11) Netra DVR: DS-9016HF-ST (V3.4.1 build 151225)
  - 12) 8107 plat: DS-7616N-SE (V3.0.15\_150528)

13) Hisi plat F series: DS-9664N-F8/I (V3.3.4\_150715)

14) Channel NVR: DS-7832N-K2 ( V3.3.9\_151228 )

- **Genetec Omnicast 4.8 SR8**

- **NUUO:**

1) Version: V6.3.0, drive version: V4.11 ;

- **Milestone:**

2) Milestone Enterprise 8.1a(10.0a), Milestone drive version (Driver 8.4)

3) Milestone software version (Milestone Corporate 10.0a), Milestone drive version (Driver 8.4)

- **Avigilon:**

1) Control Center: V5.8.2.8;

- **Excaqvision:**

2) Version: 7.6.2.94278

- **EHOME: 600plat: The newest version 6.4**

- **28181: 1.0.0.1&1.0.0.5**

- **Network Keyboard: DS-1100K V2.4.0 build150827; Serial port keyboard: DS-1004K V1.2.0;**

- **ONVIF official tool version: 1506**

## 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.
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<b>Supported Product List (63X2)</b>		
<b>Product Category</b>	<b>Model Number</b>	<b>Product Description</b>
Fisheye Camera	DS-2CD6332FWD-I(V)(1.19mm)(NEU)(O1)	3MP, WDR, 360° view angle
Fisheye Camera	DS-2CD6332FWD-I(V)(S)(1.19mm)(STD/NEU)	3MP, WDR, 360° view angle
Fisheye Camera	DS-2CD6362F-I(V)(S)(1.27mm) (STD/NEU)	6MP, 360° view angle
Fisheye Camera	DS-2CD63C2F-I(V)(S)(2mm) (STD/NEU)	12MP, 360° view angle
Fisheye Camera	DS-2CD63C2F-I(V)(S)(2mm) (NEU)(O1)	12MP, 360° view angle