HIKVISION[™]

TECHNICAL BULLETIN

Title:	Fish Eye Camera General Information				
Date:	02/05/2014	Version:	1.0	Pages	
Product:	DS-2CD6xx2F-I(V)				
Action Required:	Information only				

Until recently the Fish Eye cameras did not have a SUB STREAM, which made it difficult for the NVRs to display them in a multi view environment (often a NO RESOURCE message would come up) as well as streaming Fish Eye cameras required more bandwidth. With the most recent firmware revision v5.0.9 build 141009 a sub stream has been added to some of the working modes of the camera.

The Fish Eye cameras have multiple working modes:

- With firmware prior to v5.0.9 build 141009 those are:
 - a. Real Time Mode ENABLED
 - b. Real Time Mode DISABLED
- With the latest firmware v5.0.9 build 141009 those modes are:
 - a. Mode 1
 - b. Mode 2
 - c. Mode 3
 - d. Mode 4

Table 1 describes the modes of the firmware prior to v5.0.9 build 141009

MODE	STREAMS	RESOLUTION (3MP)	RESOLUTION (6MP)
Real Time Enabled	1 Fish Eye Stream (main)	2048x1536	3072x2048
	4 e-PTZ Streams (main)	800x600	1024x768
Real Time Disabled	1 Fish Eye Stream (main)	1536x1536	1280x1280
	1 Panorama Stream (main)	1600x1200	2048x1536
	4 e-PTZ Streams (main)	800x600	1024x768

Table 1

To upgrade the camera to the latest firmware v5.0.9 build 141009, first download the firmware from the link below:

https://www.dropbox.com/s/sakz1slo8ouep50/DS-2CD63xxF-I%28V%29%28S%29 Firmware v5.0.9 141009.zip?dl=0

Then, log in to the camera and go to:



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CONFIGURATION \rightarrow **ADVANCED CONFIGURATION** \rightarrow **SYSTEM** \rightarrow **MAINTENANCE** On the bottom of the page locate the **REMOTE UPGRAGE** area, browse to the firmware file and press **UPGRADE (Figure 1).**

HIKVISION DS-2CD	6362F-IV	0
Live View	Playback Log Configuration	🧟 admin 🛶 Logout
Local Configuration ✓	Device Information Time Settings Maintenance RS232 RS485 DST Fisheye Parameters	Step 4
Step 2	Reboot	
Advanced Configuration •	Reboot Reboot the device.	
System	Default	
Sten 3	Reset all the parameters except the IP parameters and user information to the	ne default settings
© Video/Audio	Default Restore all parameters to default settings.	
© Security		
Basic Event	Import Config. File	
© Storage	Config File Browse Status	Import
	Export Config. File Export	
	Remote Upgrade	
	Firmware Browse	Upgrade Step 5
	Status	Step 5
	Note : The upgrading process will be 1 to 10 minutes, please don't disconnect power to the device do	ring the process
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Figure 1

After the firmware has been upgraded, the camera will have the new additional operating modes as well as some stability improvements.



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Table 2 describes the modes of the v5.0.9 build 141009 firmware.

MODE	STREAMS	RESOLUTION (3MP)	RESOLUTION (6MP)
Mode 1	1 Fish Eye Stream (main)	1536x1536	2048x1536
	1 Panorama Stream (main)	1600x1200	1280x1280
	3 e-PTZ Streams (main)	800x600	1024x768
Mode 2	1 Fish Eye Stream (main)	2048x1536	3072x2048
	4 e-PTZ Stream (main)	800x600	1024x768
Mode 3	1 Fish Eye Stream (main)	1536x1536	2048x2048
	1 Fish Eye Stream (sub)	720x720	720x720
	3 e-PTZ Streams (sub)	800x600	1024x768
Mode 4	1 Panorama Stream (main)	1600x1200	2048x2048
	1 Panorama Stream (sub)	704x576	720x720

Table 2

The default mode with the firmware prior to v5.0.9 build 141009 is set to the NON REAL TIME mode. After upgrading the firmware to v5.0.9 build 141009, the default working mode will be set to MODE 3.