

Title:	Fish Eye Camera General Information	Version:	v2.0	Date:	031416
Product:	DS-2CD6xx2F-I(V)			Page:	1 of 3
Action Required:	None, Information Only				

Summary

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.

Working Modes

The Fish Eye cameras have multiple working modes:

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

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

MODE	STREAMS	RESOLUTION (3 MP)	RESOLUTION (6 MP)
	1 Fish Eye Stream (main)	2048 x 1536	3072 x 2048
Real Time Enabled	4 e-PTZ Streams (main)	800 x 600	1024 x 768
	1 Fish Eye Stream (main)	1536 x 1536	1280 x 1280
	1 Panorama Stream (main)	1600 x 1200	2048 x 1536
Real Time Disabled	4 e-PTZ Streams (main)	800 x 600	1024 x 768

Table 1

How To Upgrade the Camera Firmware

1. Download **v5.0.9 build 141009** 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



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- 2. Log in to the camera.
- 3. Go to CONFIGURATION > ADVANCED CONFIGURATION > SYSTEM > MAINTENANCE.
- 4. On the bottom of the page, locate the **REMOTE UPGRADE** area.
- 5. Browse to the firmware file.
- 6. Press UPGRADE (Figure 1).

Live View	Playback	Log	Configuration	💄 admin 🛶 Lo	gout
 Local Configuration Local Configuration Basic Configuration Basic Configuration Video/Audio Image Security Basic Event Storage 	Device Information Reboot Reboot Reboot Default Restore Default Import Config. Config File Status Export Config. Export	Time Settings Mainten Reboot the den Reset all the po Restore all par File File File	ance RS232 RS485	UST FISheye Parameters ers and user information, to the default settings. Browse Import	
	Firmware Status Note : The upp	grading process will be 1 to	10 minutes, please don't discon	Browse Upgrade	

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Figure 1

NOTE: 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 v5.0.9 build 141009 firmware modes.

MODE	STREAMS	RESOLUTION (3 MP)	RESOLUTION (6 MP)
	1 Fish Eye Stream (main)	1536 x 1536	2048 x 1536
Mode 1	1 Panorama Stream (main)	1600 x 1200	1280 x 1280
	3 e-PTZ Streams (main)	800 x 600	1024 x 768
Mode 2	1 Fish Eye Stream (main)	2048 x 1536	3072 x 2048
WOUE 2	4 e-PTZ Stream (main)	800 x 600	1024 x 768
	1 Fish Eye Stream (main)	1536 x 1536	2048 x 2048
Mode 3	1 Fish Eye Stream (sub)	720 x 720	720 x 720
	3 e-PTZ Streams (main)	800 x 600	1024 x 768
Mode 4	1 Panorama Stream (main)	1600 x 1200	2048 x 1536
	1 Panorama Stream (sub)	704 x 480	704 x 480

Table 2

Default Modes

- Firmware Prior to v5.0.9 Build 141009 NON REAL TIME mode
- Firmware v5.0.9 build 141009 MODE 3