

TECHNICAL BULLETIN

Title:	Fish Eye Camera General Information				
Date:	02/05/2014	Version:	1.0	Page	1/3
Product:	DS-2CD6xx2F-I(V)				
Action Required:	Information only				

ISSUE: Fisheye Camera Did Not Support a Sub-Stream

Fisheye Camera Series DS-2CD63xx2 with firmware versions prior to **v5.0.9 build 141009** did not support a sub stream. This caused the following issues:

- It was difficult for NVRs to display fisheye cameras in multiview environments
- A "No Resource" message would often be displayed
- Streaming fish eye cameras required more bandwidth

In firmware versions prior to **v5.0.9 build 141009**, the following working modes were supported:

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

Table 1Firmware Modes Prior to v5.0.9 build 141009



TECHNICAL BULLETIN

Title:	Fish Eye Camera General Information				
Date:	02/05/2014	Version:	1.0	Page	2/3
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RESOLUTION: The Latest Firmware Revision Resolves These Issues

The latest firmware revision, **v5.0.9 build 141009**, has added a sub stream to some of the camera's working modes.

To upgrade the fish eye camera to the latest firmware, do the following:

1. Download the latest firmware from the following link:

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

2. Use iVMS-4200 Client Software to log in to the camera and go to the following location (see Figure 1):

CONFIGURATION→ADVANCED CONFIGURATION→SYSTEM→MAINTENANCE

- 3. In the Remote Upgrade section (bottom of page), browse to the firmware file you downloaded.
- 4. Press Upgrade.

	HIKVISION DS-2CD63	62F-IV	Step 1	Configuration	🖉 admin I	?	
	Local Configuration	Device Information	on Time Settings Maint	tenance RS232 RS485	DST Fisheye Parameters		Step 4
Step 2	Local Configuration Local Configuration Advanced Configuration	Reboot Reboot	Reboot the d	device.			
Step 3	© System © Network © Video/Audio © Image	Default Restore Default	e Reset all the Restore all p	e parameters, except the IP paramet parameters to default settings.	ers and user information, to the default sett	ings.	
	 Security Basic Event Storage 	Import Confi Config File Status	ig. File		Browse	ort	
		Export Conf Export	ig. File				
		Remote Upp Firmware Status	rade	to 10 minutes places don't discou	Browse Upgr	ade	Step 5
		Note : The t	©Hikvision Digital Technolo	av Co. Ltd. All Rights Reserved	meet power to the device during the pro-	.055	

Figure 1Firmware Upgrade Steps



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Title:	Fish Eye Camera General Information				
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After the firmware has been upgraded, the camera will have new additional operating modes as well as some stability improvements.

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	
	4 e-PTZ Stream (main)	800 x 600	1024 x 768	
Mode 3 (DEFAULT)	1 Fish Eye Stream (main)	1536 x 1536	2048 x 2048	
	1 Fish Eye Stream (sub)	720 x 720	720 x 720	
	3 e-PTZ Streams (sub)	800 x 600	1024 x 768	
Mode 4	1 Panorama Stream (main)	1600 x 1200	2048 x 2048	
	1 Panorama Stream (sub)	704 x 576	720 x 720	

Table 2

Latest v5.0.9 build 141009 Firmware Modes