

Title:	Fish Eye Camera General Information	Version:	1.0	Date:	02/05/14
Product:	DS-2CD6xx2F-I(V)				
Action Required:	None, 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)
Real Time Enabled	1 Fish Eye Stream (main)	2048 x 1536	3072 x 2048
	4 e-PTZ Streams (main)	800 x 600	1024 x 768
Real Time Disabled (DEFAULT)	1 Fish Eye Stream (main)	1536 x 1536	1280 x 1280
	1 Panorama Stream (main)	1600 x 1200	2048 x 1536
	4 e-PTZ Streams (main)	800 x 600	1024 x 768

Table 1 Firmware Modes Prior to **v5.0.9 build 141009**

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.

Title:	Fish Eye Camera General Information	Version:	1.0	Date:	02/05/14
Product:	DS-2CD6xx2F-I(V)				
Action Required:	None, Information only				

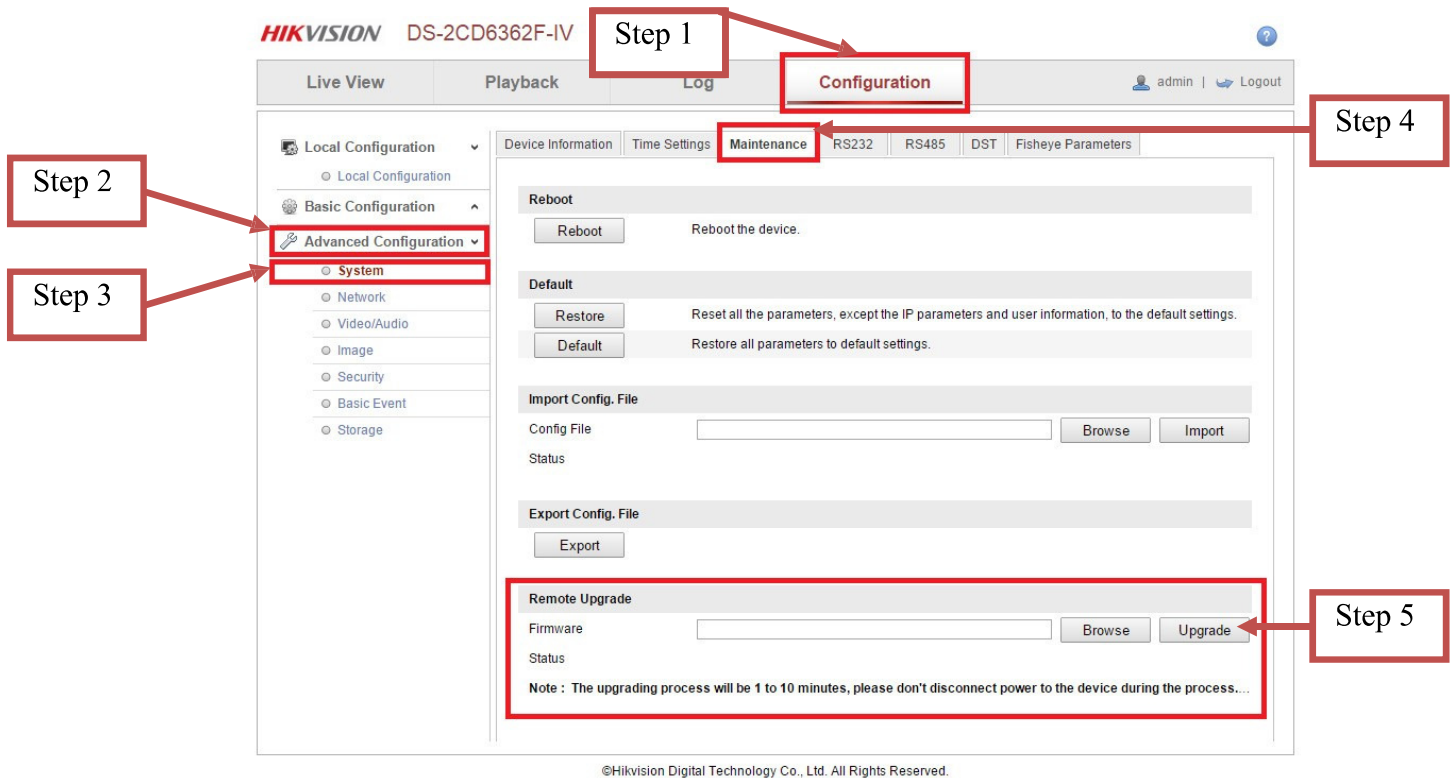


Figure 1 Firmware Upgrade Steps

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)
Mode 1	1 Fish Eye Stream (main)	1536 x 1536	2048 x 1536
	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