HIKVISION™   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)
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**

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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:

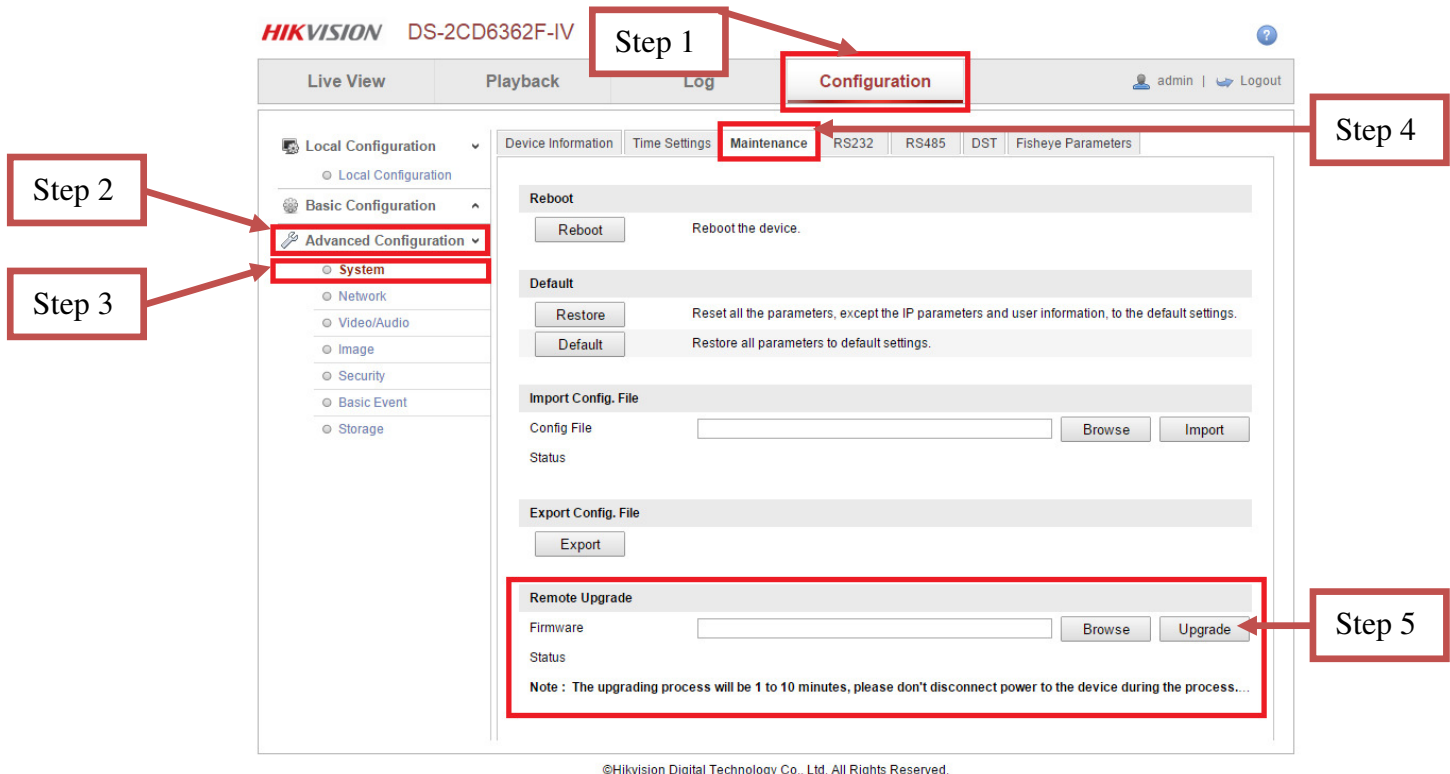1. Download the latest firmware from the following link:

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.

Figure 1   Firmware Upgrade Steps

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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)
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