

Title:	Ultra HD Feature	Version:	1.0	Date:	8/17/20
Product:	I Series NVRs	Page:	1 of 9		
Action Required:	None, Information Only				

Summary

In order to accommodate the 32 MP panoramic cameras in stitched mode, a new feature called UHD (Ultra HD) has been introduced for the I Series NVRs starting with firmware v4.40.015. This feature introduces some limitations, which are discussed in this bulletin, along with the setup steps and requirements.

Setup

The Ultra HD feature can be enabled from the local user interface as well as a Web interface.

Enabling Ultra HD in the Local Interface

1. Right-click anywhere on the screen and select the Camera menu icon (Figure 1):

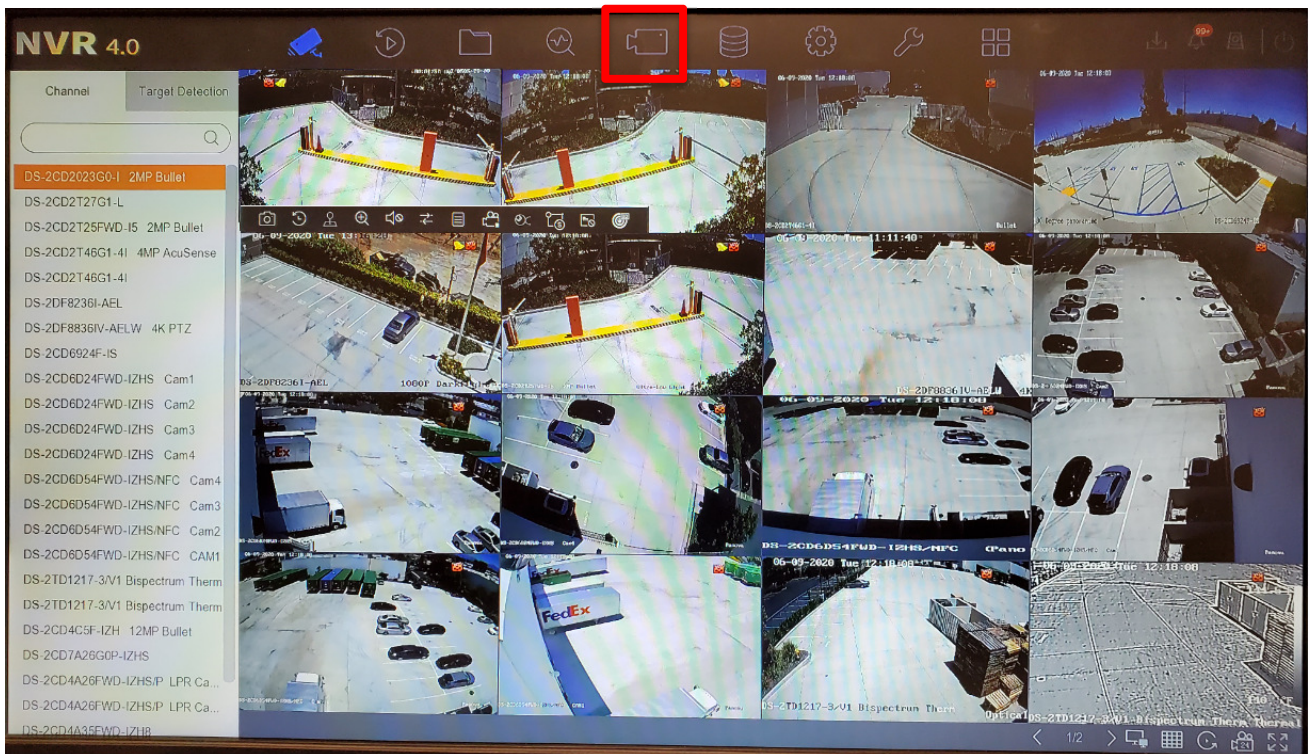


Figure 1, Main View

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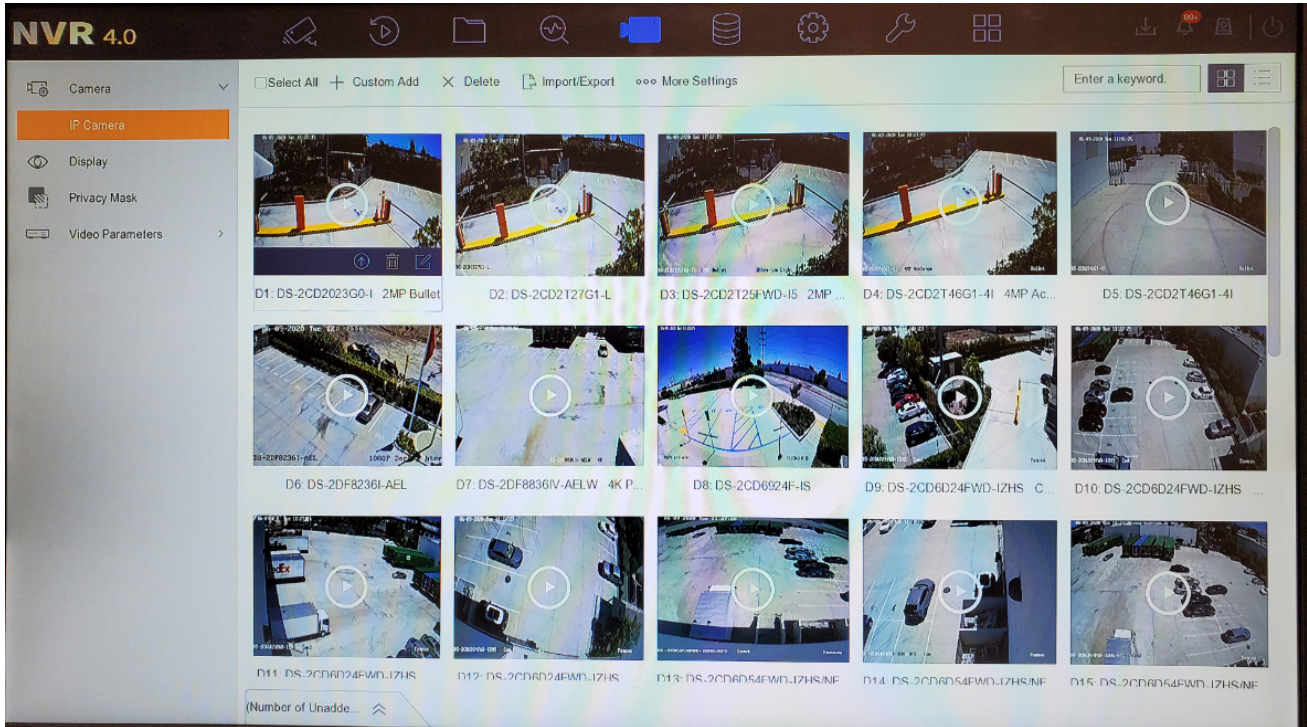


Figure 2, Camera Menu

2. Select **More Settings**.
3. Select **Switch Ultra HD Resolution Mode**. After enabling the Ultra HD feature, a message will pop up prompting about the change in the number of channels and a need for a restart (Figure 5)

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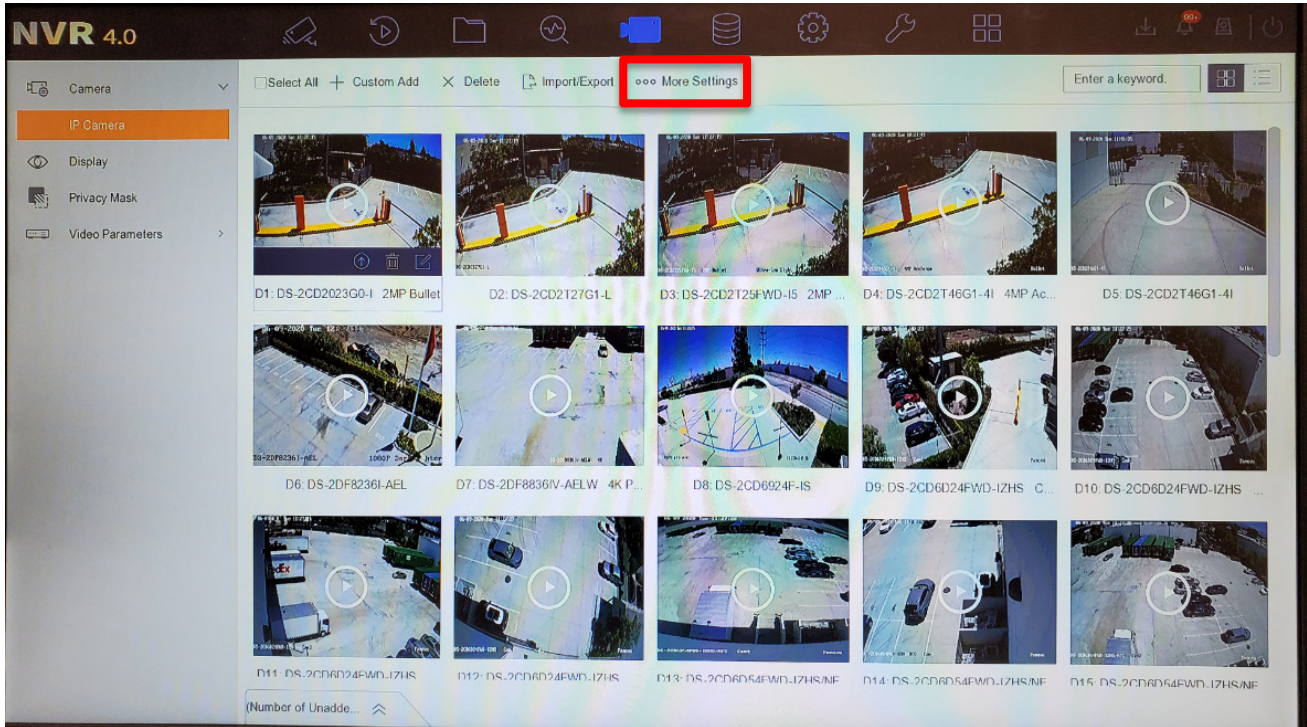


Figure 3, More Settings

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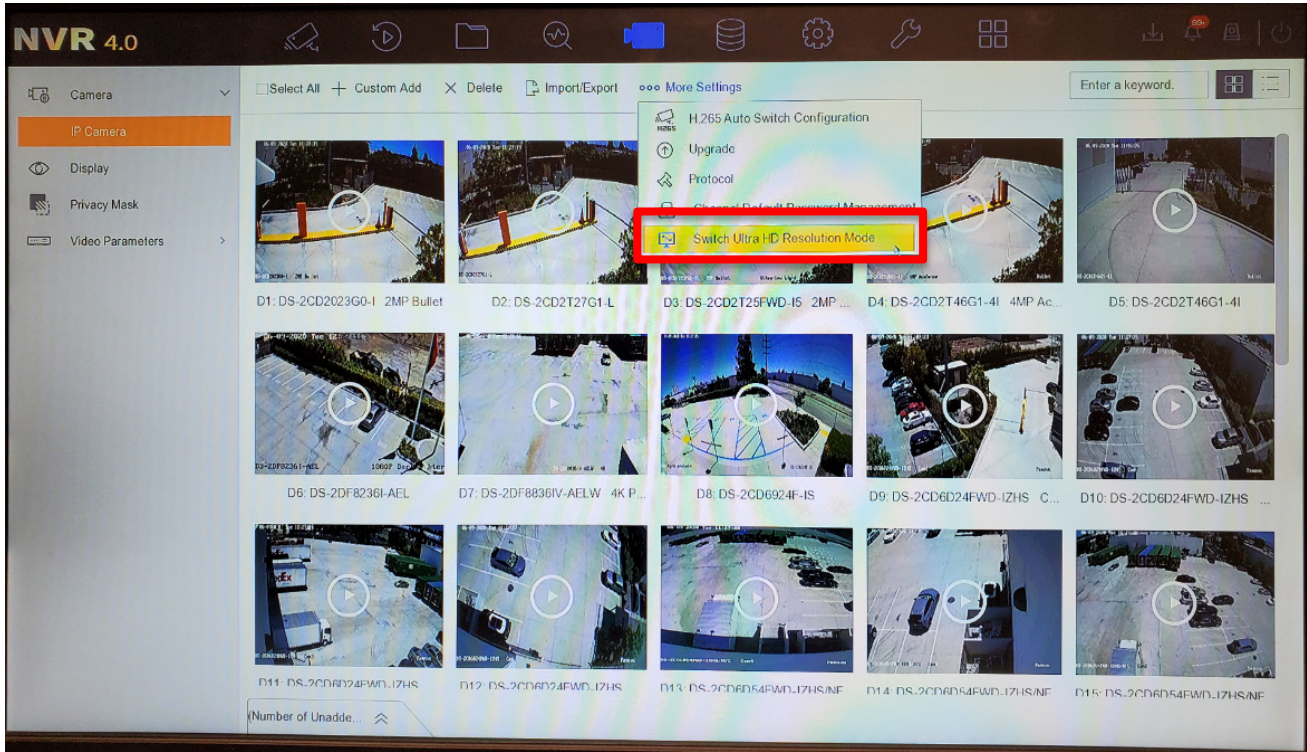


Figure 4, Switch Ultra HD Resolution Mode

4. Press **Yes** and the unit will reboot.

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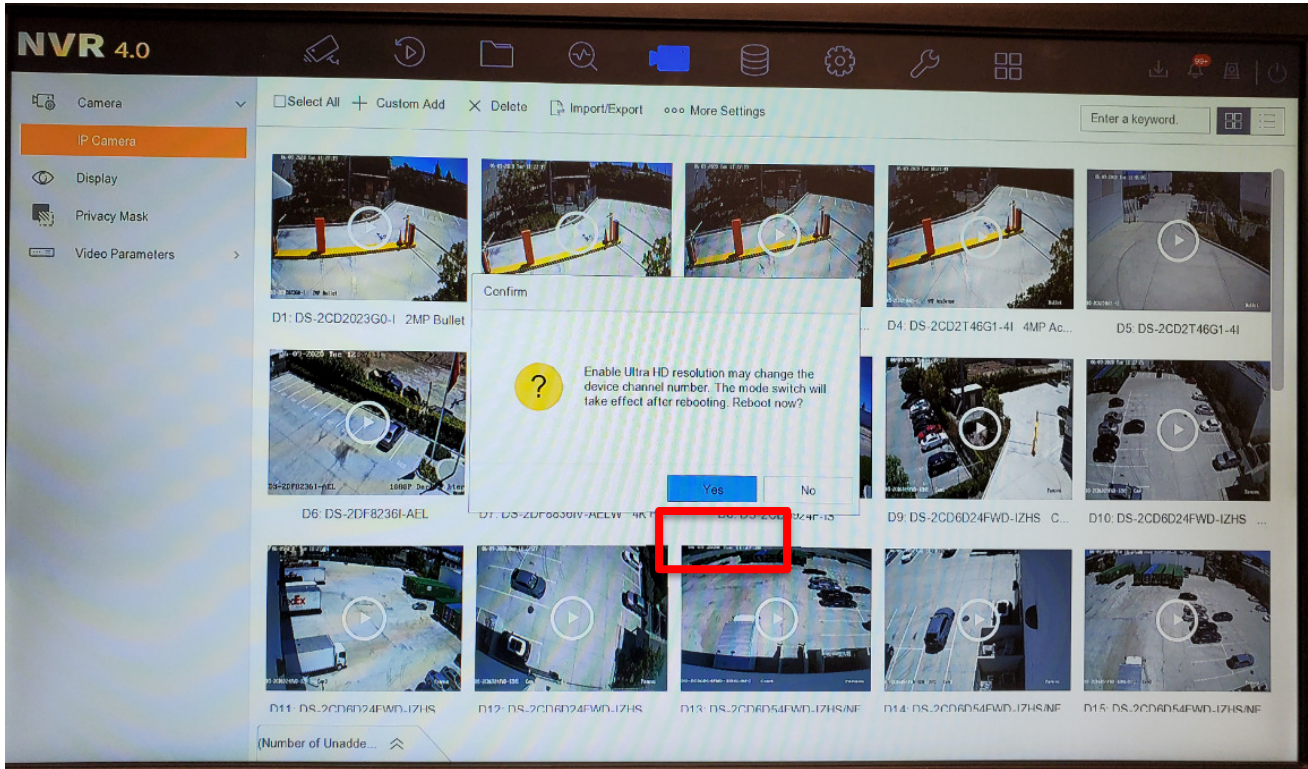


Figure 5, Pop-Up Message

Enabling Ultra HD from a Web Browser

1. Log in to the unit.
2. Click on the **Configuration** tab (Figure 4).

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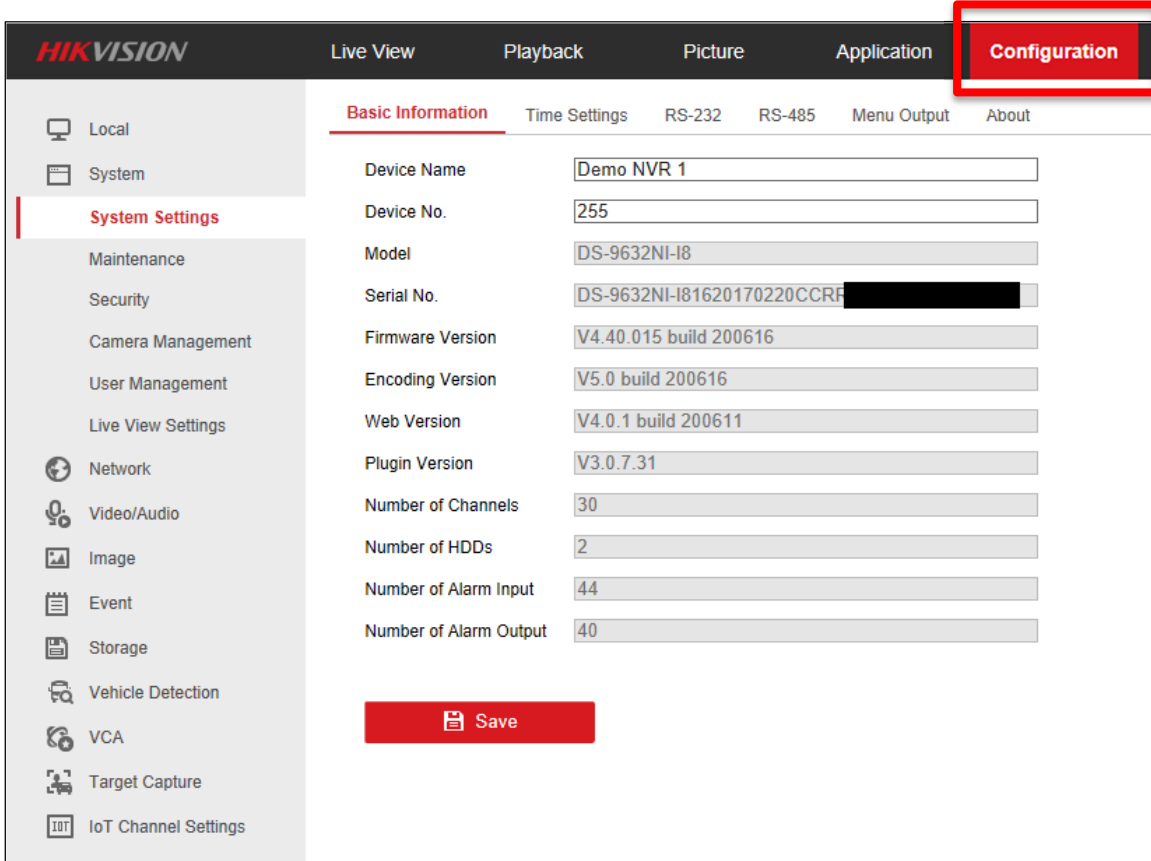


Figure 6, Configuration

3. Click on the **Camera Management** tab.
4. Click on the **More Configure** tab.

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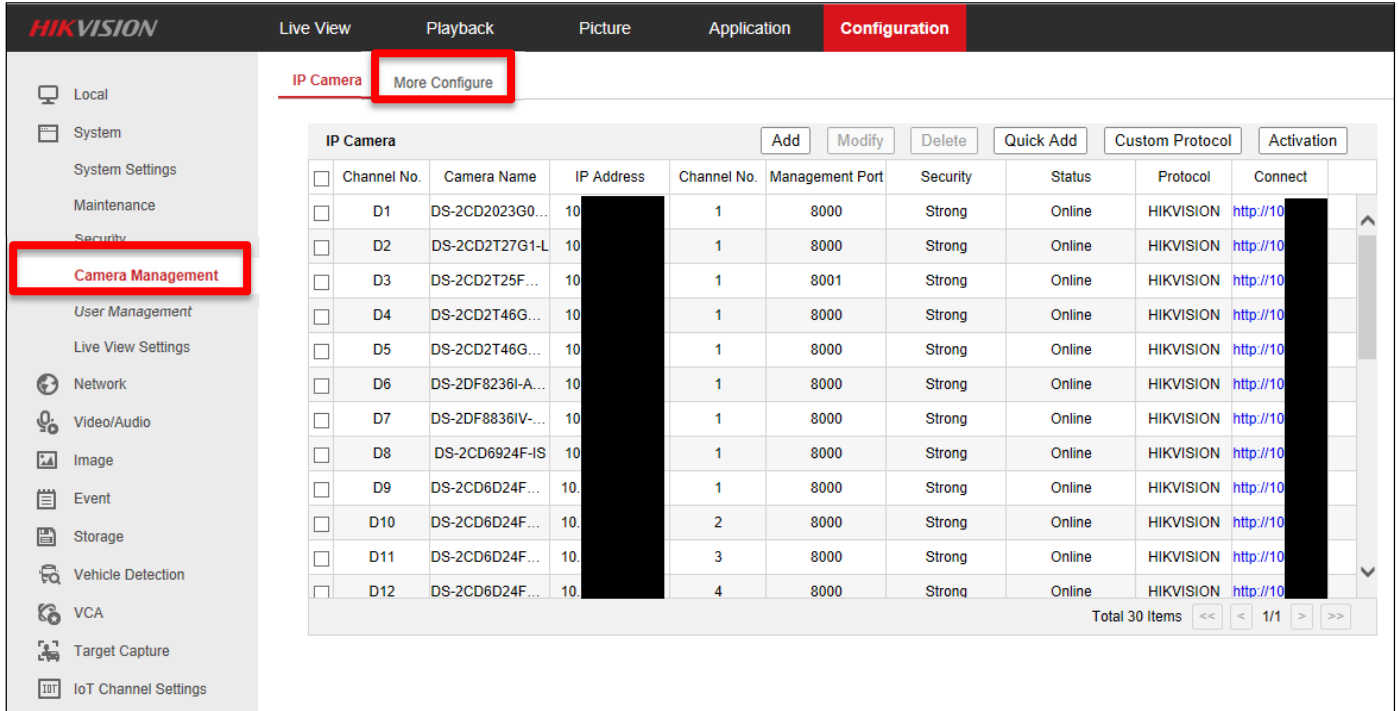


Figure 7, Camera Management

5. Select **Open Ultra HD Resolution Mode**. After selecting it, an automated message will pop up prompting for a reboot.
6. Press **OK** to enable the feature and reboot the unit.

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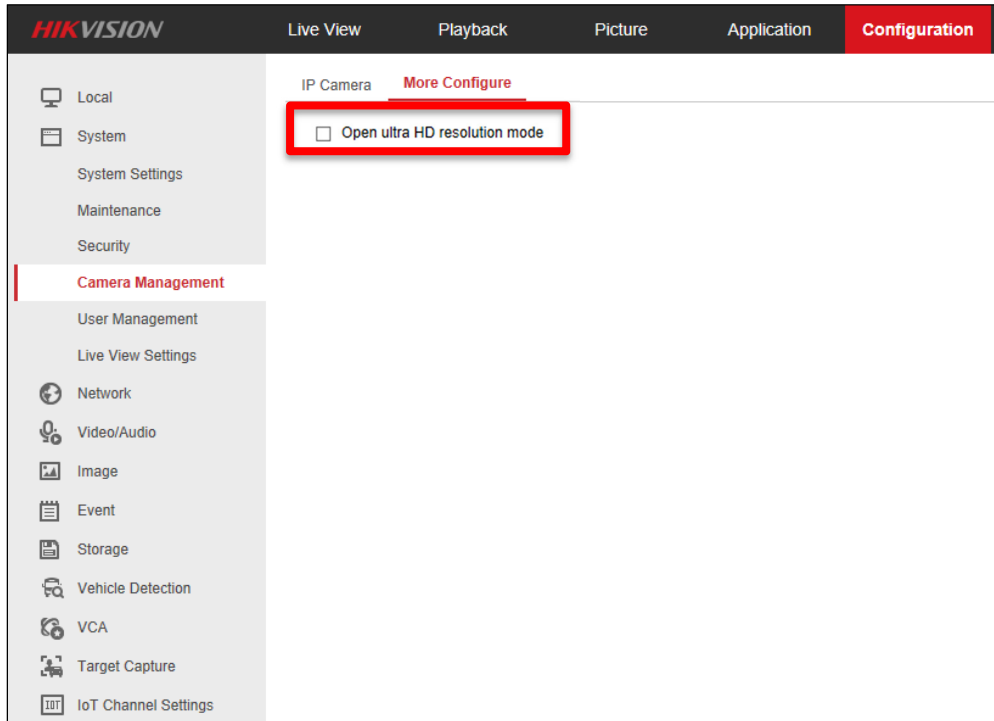


Figure 8, Enabling Ultra HD

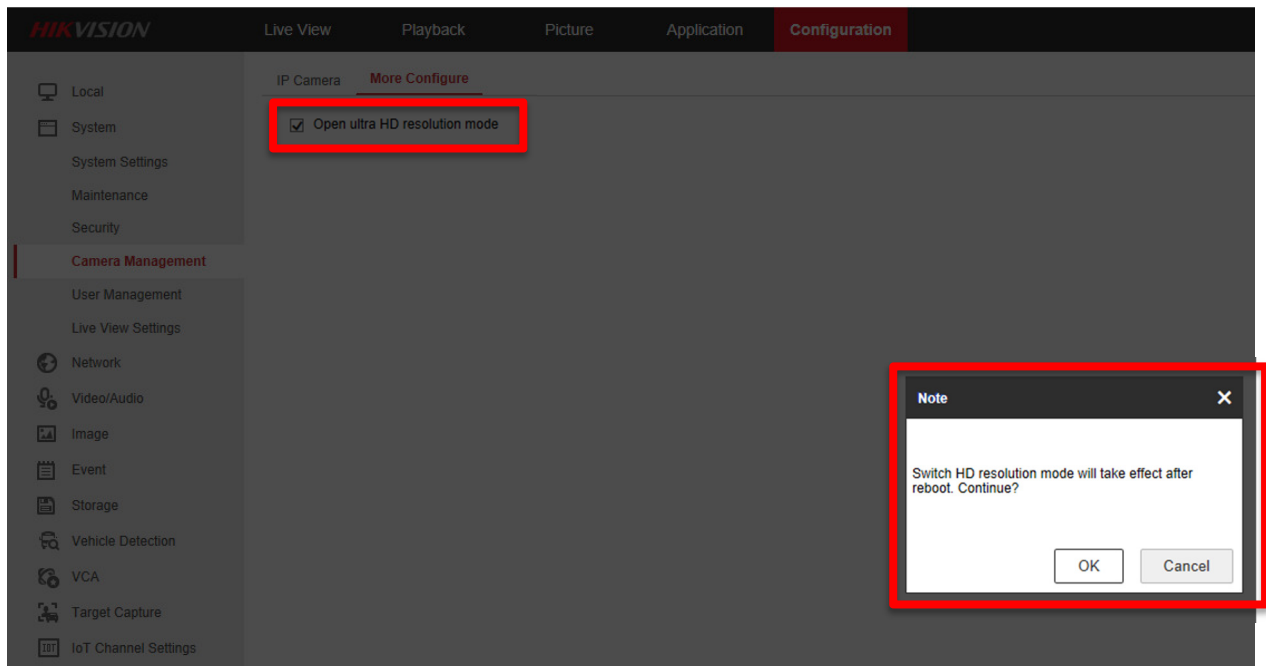


Figure 9, Reboot Message

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Limitations

The UHD feature is available starting with firmware v4.40.015 build 200616 on non-POE I Series NVRs. It can be enabled only on channel 1. Once enabled, there are some limitations to be mindful of. They are listed below:

- Ultra HD can be activated only on Channel 1. If activated on any other channel, you will get an error message such as "IP Camera Resolution Exceeded."
- When enabled:
 - Ultra HD reduces the number of NVR channels by four, so the 9632 becomes a 28 channel, and the 9616 becomes a 12 channel, unit
 - At the local UI, you will not get a multi-channel display, only full screen
 - The channel will not support:
 - > Transcoded stream
 - > Hik-Connect (other channels will work on Hik-Connect, but not this one)
 - > Fullframe playback
 - > Capture (including manual, scheduled, or during playback)
 - > Stream encryption
 - Will support only the default format for backup (no AVI)