

## Network Camera Firmware Revision: V5.3.8 build160126 Release Note (2016-3-18)

<b>Firmware Basic Information</b>	Firmware Revision:	V5.3.8 build160126
	SDK Revision:	V5.1.6.7
	Play Library (PlayCtrl.dll)	V7.3.0.61
	Encapsulation Library (SystemTransform.dll)	V2.5.0.9
	RTSP Communication Library (StreamTransClient.dll)	V1.1.3.4
	Voice intercom library (AudioIntercom.dll)	V1.2.0.1
	Smart configuration library	V3.3.6.4
	iVMS-4200	Version 4200 V2.4.3.5

### Hikvision Firmware V5.3.8 build 160126 Features

#### 1. New Features

- Support FTP uploading pictures and editing the names. It can choose the Default or Custom mode when naming the pictures. The length of name should be within 95 characters.
- Support identifying the directions of vehicles includes "Forward/Reverse/Unknown".
- Newly added the LPR mode. "City Street, Entrance/Exit, Custom" can be selected.
- Support barrier gate control relation in iVMS-5200.

#### 2. Optimizations

- National Index keeps consistent with SDK protocol which has added some national indexes of other countries.
- The default value of captured image quality which uploaded by vehicle detection and alarm is changed to 60. It can reduce the probability that the pictures with the size which is larger than 512K will be filtered by NVR.
- The "LPR Confidence" is added to ISAPI protocol.

- **The maximum license plate number of B/W list is extended from 512 to 2048.**
- **Update the FF algorithm library and increase the recognition accuracy of Northern Island.**
- **Solve the issue which cannot import and scan the B/W list caused by the compatibility of IE11.**

## Compatibility Update

- **NUUO:**
  1. Version: V6.1.1, drive version: V4.7
  2. Protocol: HIKCGI
- **Milestone:**
  1. Milestone Enterprise 8.1a(10.0a), Milestone Corporate 10.0a
  2. Milestone drive version : Device Pack 8.3
  3. Protocol: HIKCGI, ONVIF
- **Avigilon:**
  1. Version: V5.6.2.18
  4. Protocol: ONVIF
- **Excaqvision:**
  1. Version: 7.2.3.88532
  2. Protocol: HIKCGI, ONVIF
- **Genetec:**
  1. Version: 4.8
  2. Protocol: CGI

## Customer Impact and Recommended Action

This update refers to function/compatibility improvement and will take effect automatically after the Date of Change. We are very sorry for any inconvenience of use-habit changes caused by this action. For any questions and request for this firmware, please contact our local technical support team.

### Remarks:

- Hikvision reserves the right to change, alter or withdraw the above notification without prior notice.
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- The Hikvision firmware may contain defects or errors known as errata which may cause the product to deviate from published specifications. Current characterized errata are available on request.
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Hikvision Digital Technology CO., Ltd.  
No. 555 Qianmo Road, Binjiang District, Hangzhou 310051, China  
Tel: +86-571-8807-5998  
FAX: +86-571-8993-5635  
Email: [overseabusiness@hikvision.com](mailto:overseabusiness@hikvision.com)

<b>Supported Product List (4X25, 4X26)</b>		
<b>Product Category</b>	<b>Model Number</b>	<b>Product Description</b>
Box Camera	DS-2CD4025FWD	2MP, 60fps, WDR
Box Camera	DS-2CD4025FWD-A	2MP, WDR, ABF optional
Box Camera	DS-2CD4025FWD-AP	2MP, ABF optional, P-Iris optional
IR Bullet	DS-2CD4625FWD-IZS(2.8-12mm)	2MP, 60fps, WDR
IR Bullet	DS-2CD4A25FWD-IZS(2.8-12mm)	2MP, 60fps, WDR
IR Bullet	DS-2CD4A25FWD-IZS(8-32mm)	2MP, 60fps, WDR
IR Bullet	DS-2CD4A25FWD-IZHS(2.8-12mm)	2MP, 60fps, WDR, Heater optional
IR Bullet	DS-2CD4A25FWD-IZHS(8-32mm)	2MP, 60fps, WDR, Heater optional
Box Camera	DS-2CD4026FWD	2MP, WDR
Box Camera	DS-2CD4026FWD-A	2MP, WDR, ABF optional
Box Camera	DS-2CD4026FWD-AP	2MP, ABF optional, P-Iris optional
IR Bullet	DS-2CD4626FWD-IZHS(2.8-12mm)	2MP, Motorized VF lens optional, Heater optional
IR Bullet	DS-2CD4626FWD-IZS(2.8-12mm)	2MP, WDR, Motorized VF lens optional
IR Bullet	DS-2CD4A26FWD-IZS(2.8-12mm)	2MP, WDR, Motorized VF lens optional
IR Bullet	DS-2CD4A26FWD-IZHS(2.8-12mm)	2MP, Motorized VF lens optional, Heater optional