# Network Camera Firmware
# Version: V5.5.4
# Release Note(External)
# (2018-02-06)

| Firmware Basic Information | Firmware Version: | V5.5.4 |
|---|---|---|
| | SDK Version: | V5.2.7.45 build170612 |
| | Play Library (PlayCtrl.dll) | V7.3.3.61 build170510 |
| | Encapsulation Library (SystemTransform.dll) | V2.5.2.5 |
| | Voice intercom library (AudioIntercom.dll) | V1.4.0.3 |
| | iVMS-4200 | V2.5.13.2 build170709 |
| | IE Client version | V4.0.1 build171218 V3.0.6.33 |

## Hikvision Firmware V5.5.4 Features

*for DS-2CD1X23, HiLook, DS-2CD2X21G0 Cameras*

1. **New Features**

   - **White light switch control strategy is optimized.**

   1) **Support sensitivity and different levels of light switch ambient brightness.**

   2) **Optimize day and night switch algorithm to solve the issue of white light oscillation.**

   3) **Support HLC and SmartIR function which can solve explosion issue in some highlight scenes.**

   - **SN (Serial Number) is the combination of numbers and letters.**

   - **English SN (Serial Number) is supported in watermark.**

2. **Improved Features**

   - **The video stream is default for the camera only support linein.**

   - **Solve the issue that motion detection will always be triggered when enabling IR.**

- **The sub stream resolutions are changed to 640\*480(VGA), 640\*360, 320\*240(QVGA). Default resolution of sub stream is 640\*360.**

## Compatibility Update

- **HIKCGI version: V2.0;**

- **ISAPI version: V2.4;**

- **ONVIF version: V1612, official test tool version: V1701;**

- **Milestone:**
  1. Milestone Enterprise 8.1a(10.2a), Milestone drive version (Driver 9.1), test HIKCGI
  2. Milestone software version (Milestone Corporate 11.1a), Milestone drive version (Driver 9.1), test HIKCGI

- **Avigilon:**
  1. Control Center: V5.10.12.2;
  2. Test ONVIF.

- **Excaqvision:**

  1. Version: 8.4.2
  2. Protocol: HIKCGI, ONVIF

- **NAS(Only test for Brainaire):**

  DS-A2016R, DS-A1016RS V2.2.0-7

- **Tested NVRs:**

  DS-96256NI-I24/H(baseline V3.2.8_170213_05)

  96000 I Series

  96000NI-I Series NVR (V3.6.21)

  E Series: DS-7732NI -E4/16P(V3.4.92)

  G Series: DS-7608NI-G2/4P(V3.4.1 build 151225)

  K Series: V3.4.93

  Netra DVR: DS-9016HFI-ST(V3.4.3)

  Note: The compatibility of IPC and NVR models in the same NVR series is the same.

- **Tested Keyboard:**

  DS-1600KI V2.0.0

  DS-1006KI V1.0

# 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.

- Product design and specifications are subject to change without prior notice.

- 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.

- Hikvision is not liable for any typing or printing errors.

| Supported Product List (1X23/HiLook/2X21G0) | | |
|---|---|---|
| **Product Category** | **Model Number** | **Product Description** |
| Fixed Bullet | DS-2CD1023G0-I | 2MP, IR, DWDR |
| Fixed Dome | DS-2CD1123G0-I | 2MP, IR, DWDR |
| Fixed Turret | DS-2CD1323G0-I | 2MP, IR, DWDR |
| EXIR VF Bullet | DS-2CD1623G0-I | 2MP, IR, DWDR |
| EXIR VF Dome | DS-2CD1723G0-I | 2MP, IR, DWDR |
| Fixed Bullet | IPC-B120H | 2MP, IR, DWDR |
| Fixed Dome | IPC-D120H | 2MP, IR, DWDR |
| Fixed Turret | IPC-T120H | 2MP, IR, DWDR |
| EXIR VF Bullet | IPC-B620H-V/Z | 2MP, IR, DWDR |

| EXIR VF Dome | IPC-D620H-V/Z | 2MP, IR, DWDR |
|---|---|---|
| Fixed Bullet | DS-2CD2T21G0-I | 2MP, IR |
| Fixed Bullet | DS-2CD2T21G0-IS | 2MP, IR |
| Fixed Bullet | DS-2CD2321G0-I/NF | 2MP, IR |
| Fixed Dome | DS-2CD2121G0-I | 2MP, IR |
| Fixed Dome | DS-2CD2121G0-IS | 2MP, IR |
| Fixed Dome | DS-2CD2121G0-IW | 2MP, IR, WIFI |
| Fixed Dome | DS-2CD2121G0-IWS | 2MP, IR, WIFI |