

Title:	RN IPC v5.5.82 R6 121719NA INTERNAL	Version:	V5.5.82	Date:	121719
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Action Required:	None, Information Only				

■ Summary

Firmware Basic Information	Firmware Version:	V5.5.82 build180427
	SDK Version:	V5.2.7.45 build20170612
	Play Library (PlayCtrl.dll)	V2.5.11.1 build20170526
	Encapsulation Library (SystemTransform.dll)	V2.5.2.10
	Voice intercom library (AudioIntercom.dll)	V1.4.0.6
	iVMS-4200	V2.5.13.2 build170709
	IE Client version	V4.0.1 build180423 V3.0.6.26

■ Features

- New Features
 - New 4 MP model sample is released: DS-2CD1641G0-I(Z)
- Improved Features
 - Solved the issue that no motion detection event triggers on camera and whether or not Dual-VCA is enabled, but NVR shows motion detection event on the time bar when using smart playback.
 - Solved the issue that DS-2XM64xx separated camera preview shows the same frame images after the camera runs for awhile.
- Leftover Issues
 - When setting DST Start Time later than the End Time, start recording in DST, and continue to record out of DST, when attempting playback on Web Component, the location of the video on the time bar is not correct.
 - Preview will show a slightly blurred screen when H.264+ encoding is enabled and frame rate is set to 2 fps, because of the H.264+ algorithm, it will occur on low bitrate, low frame rate, and moving background scenes.
 - Logging into a camera with a user name or password contain Æ, Ø, or Å will prompt "Incorrect user name or password," because Æ, Ø, or Å will forcibly translate to AE, O, A.
 - Baseline camera can upgrade with HiLook firmware by Tftp, but can't by Web component. Web component interface will change to the HiLook UI, but the model won't change after the upgrade.

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■ 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
- Tested NVRs
 - DS-96256NI-I24/H (baseline V3.2.8_170213_05)
 - 96000 I Series
 - 96000NI-I Series NVR (V3.6.21) DS-96256NI-I24 or DS-96256NI-I24/H
 - E Series: DS-7732NI -E4/16P (V3.4.92)
 - G Series: DS-7608NI-G2/4P (V3.4.1 build 151225)
 - K1 Series: DS-7816NI-K1 (V3.4.93)
 - I8 Series: DS-8664NI-I8 (DS-7632N-I2/16P) (V3.4.92)
 - Netra DVR: DS-9016HFI-ST (V3.4.3)
- Tested Keyboards
 - DS-1600KI V2.0.0
 - DS-1006KI V1.0

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■ Affected Products

Product Category	Model Number	Product Description
Mini IR Bullet	DS-2CD2012WD-I	1.3 MP, IR, WDR
Mini IR Bullet	DS-2CD2022WD-I	2 MP, IR, WDR
Mini IR Bullet	DS-2CD2042WD-I	4 MP, IR, WDR
IR Fixed Dome	DS-2CD2152F-I(W)(S)	5 MP, IR, Wi-Fi
IR Fixed Dome	DS-2CD2122FWD-I(W)(S)(T)	2 MP, IR, Wi-Fi, WDR
IR Fixed Dome	DS-2CD2122FWD-I(W)(S)(C)	2 MP, IR, Wi-Fi, WDR
EXIR Turret	DS-2CD2312WD-I	1.3 MP, IR, WDR
EXIR Turret	DS-2CD2322WD-I	2 MP, IR, WDR
EXIR Turret	DS-2CD2342WD-I	4 MP, IR, WDR
EXIR Turret	DS-2CD2352-I	5 MP, IR
IR Mini Dome	DS-2CD2522FWD-I(W)(S)	2 MP, IR, WDR, Wi-Fi/Audio/Alarm optional
IR Mini Dome	DS-2CD2542FWD-I(W)(S)	4 MP, IR, WDR, Wi-Fi/Audio/Alarm optional
IR Mini Dome	DS-2CD2552F-I(W)(S)	5 MP, IR, WDR, Wi-Fi/Audio/Alarm optional
IR Mini Dome	DS-2CD2522FWD-I(W)(S)(C)	2 MP, IR, WDR, Wi-Fi/Audio/Alarm optional
VF IR Bullet	DS-2CD2622FWD-I(Z)(S)	2 MP, VF lens, IR, Audio/Alarm optional
VF IR Bullet	DS-2CD2642FWD-I(Z)(S)	4 MP, VF lens, IR, Audio/Alarm optional
VF IR Dome	DS-2CD2712FWD-I(Z)(S)	1.3 MP, VF lens, IR, Audio/Alarm optional
VF IR Dome	DS-2CD2722FWD-I(Z)(S)	2 MP, VF lens, IR, Audio/Alarm optional
VF IR Dome	DS-2CD2742FWD-I(Z)(S)	4 MP, VF lens, IR, Audio/Alarm optional
VF IR Dome	DS-2CD2752F-I(Z)(S)	5 MP, VF lens, IR, Audio/Alarm optional
EXIR Bullet	DS-2CD2T22WD-I3/I5/I8	2 MP, IR, WDR
EXIR Bullet	DS-2CD2T42WD-I3/I5/I8	4 MP, IR, WDR
EXIR Bullet	DS-2CD2T52-I3/I5/I8	5 MP, IR
IR Cube	DS-2CD2422FWD-IW	2 MP, IR, WDR

■ Customer Impact and Recommended Action

This update refers to function/compatibility improvements 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.