

Title:	RN Network Camera Firmware Release Notes	Version:	v5.4.5	Date:	030717
Product:	Select Network Cameras	Build:		Page:	1 of 5
Action Required:	None, Information Only				

Summary

Firmware Basic Information	Firmware Version:	V5.4.5
	SDK Version:	V7.3.2.74
	Play Library (PlayCtrl.dll)	V7.3.0.74
	Encapsulation Library (SystemTransform.dll)	V2.5.1.14
	RTSP Communication Library (StreamTransClient.dll)	V1.1.3.6
	Voice intercom library (AudioIntercom.dll)	V1.4.0.1
	iVMS-4200	Version 4200 V2.5.5.103 build 20170119
	IE Client version	V3.0.6.1 build 170117

■ New Features

• All IPC Platforms

- HiDDNS and IP Server are no longer supported.
- Added Hik-Connect function, supports Hik-Connect Domain Name and alarm push service.
- LBS address for Hik-Connect function is dev.hik-connect.com.
- Hik-Connect function is disabled as default.
- Verification code is removed from device label and verification code information is removed from QR code.
- During device activation or enabling Hik-Connect function for the first time, verification code should be created or changed by customers. (Rules: 6 to 12 letters (a to z, A to Z) or numbers (0 to 9), case sensitive.)
- Add Open Source Software Licenses on Web browser -> System -> System Settings -> About Device.

■ Improved Features

• All IPC Platforms

- Admin account user is able to enable/disable Hik-Connect service. Admin account user is able to view verification code for Hik-Connect service on Web browser or iVMS-4200.
- Time zones of particular areas are updated: Istanbul is changed to GMT+3:00 and Novosibirsk is changed to GMT+7:00.
- In DST configuration of French Web page, the typo of Tuesday and Thursday is corrected.

Title:	RN Network Camera Firmware Release Notes	Version:	v5.4.5	Date:	030717
Product:	Select Network Cameras	Build:		Page:	2 of 5
Action Required:	None, Information Only				

- Intrusion detection and line crossing detection alarm types are available on Hik-Connect service.

NOTE: Intrusion detection and line crossing detection rules should be configured in Web browser, iVMS client, or NVR after enabling Alarm Notification on Hik-Connect APP.

- **2xx2 Network Cameras (v5.4.5, build 170123)**

- The Day/Night mode switches based on the result of image algorithm rather than photo resistance.

- **2xx0 Network Cameras (v5.4.5, build 170123)**

- The Day/Night mode switches based on the result of image algorithm rather than photo resistance.
- Removed HiDDNS and IP Server.
- Added Hik-Connect function, supports Hik-Connect Domain Name and alarm push service.
- LBS address for Hik-Connect function is changed to dev.hik-connect.com.
- Hik-Connect function is disabled as default.
- Verification code is removed from device label and verification code information is removed from QR code.
- During device activation or enabling Hik-Connect function for the first time, verification code needs to be created or changed by customers. (Rules: 6 to 12 letters (a to z, A to Z) or numbers (0 to 9), case sensitive.)
- Added Open Source Software Licenses on Web browser -> System -> System Settings -> About Device.
- Supports H.264+, which is not supported with ROI/SVC/Constant stream simultaneously.
- SVC is no longer supported.

- **2xx2(F)WD, 2x52, 64x4 Network Cameras (v5.4.5, build 170124)**

- Live view performance of DS-2CD6424FWD-10/20/30 is improved.
- When WDR is on, black image would not occur to DS-2CD6414FWD-10/20/30.
- Single object would not trigger multiple line crossing or intrusion alarms on iVMS-4200.

Title:	RN Network Camera Firmware Release Notes	Version:	v5.4.5	Date:	030717
Product:	Select Network Cameras	Build:		Page:	3 of 5
Action Required:	None, Information Only				

■ Compatibility Update

- **ONVIF version: V2.4, official test tool version: V1601**
- **NUUO**
 - Version: V6.9.0, drive version: V5.2
 - Protocol: HIKCGI
- **Milestone**
 - Milestone Enterprise 8.1a(10.1a), Milestone Corporate 10.2a
 - Milestone drive version : Device Pack 8.8
- **Avigilon**
 - Control Center: V5.10.4.6
 - Test ONVIF
- **Excaqvision**
 - Version: 7.2.3
 - Protocol: HIKCGI, ONVIF
- **Genetec Omnicast**
 - Version: 4.8 SR8
- **Security Center**
 - Version: 5.5 SR3
- **Network Keyboard**
 - DS-1100K V2.4.0 build150827
- **Series Port Keyboard**
 - DS-1004K V1.2.0

Title:	RN Network Camera Firmware Release Notes	Version:	v5.4.5	Date:	030717
Product:	Select Network Cameras	Build:		Page:	4 of 5
Action Required:	None, Information Only				

■ 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.

■ Supported Product List (2xx2)

Product Category	Model Number	Product Description
Mini IR Bullet	DS-2CD2012-I	1.3 MP, IR
Mini IR Bullet	DS-2CD2022-I	2 MP, IR
Mini IR Bullet	DS-2CD2032-I	3 MP, IR
IR Fixed Dome	DS-2CD2112F-I(S)(W)	1.3 MP, IR
IR Fixed Dome	DS-2CD2122F-I(S)(W)	2 MP, IR
IR Fixed Dome	DS-2CD2132F-I(S)(W)	3 MP, IR
EXIR Turret	DS-2CD2312-I	1.3 MP, up to 30 m IR
EXIR Turret	DS-2CD2332-I	3 MP, up to 30 m IR
IR Cube	DS-2CD2412F-I(W)	1.3 MP, IR, Wi-Fi optional
IR Cube	DS-2CD2432F-I(W)	3 MP, IR, Wi-Fi optional
IR Mini Dome	DS-2CD2512F-I(S)	1.3 MP, IR, Audio/Alarm optional
IR Mini Dome	DS-2CD2532F-I(S)	3 MP, IR, Audio/Alarm optional
VF IR Bullet	DS-2CD2612F-I(S)	1.3 MP, VF lens, IR, Audio/Alarm optional
VF IR Bullet	DS-2CD2622F-I(S)	2 MP, VF lens, IR, Audio/Alarm optional
VF IR Bullet	DS-2CD2632F-I(S)	3 MP, VF lens, IR, Audio/Alarm optional
VF IR Dome	DS-2CD2712F-I(S)	1.3 MP, VF lens, IR, Audio/Alarm optional
VF IR Dome	DS-2CD2732F-I(S)	3 MP, VF lens, IR, Audio/Alarm optional
EXIR Bullet	DS-2CD2T22-I3/I5/I8	2 MP

Title:	RN Network Camera Firmware Release Notes	Version:	v5.4.5	Date:	030717
Product:	Select Network Cameras	Build:		Page:	5 of 5
Action Required:	None, Information Only				

■ Supported Product List (xxx0)

Product Category	Model Number	Product Description
IR Fixed Dome	DS-2CD2120F-I(W)(S)	2 MP, IR
Mini Dome	DS-2CD2510F	1.3 MP
Mini Dome	DS-2CD2520F	2 MP
Pinhole	DS-2CD2D14WD	1 MP
IR Dome	DS-2CD6510-I(O)	1.3 MP, IR, Audio/Alarm optional

■ Supported Product List (2xx2(F)WD, 2x52, 64x4)

Product Category	Model Number	Product Description
Mini IR Bullet	DS-2CD2022WD-I	2 MP, IR, WDR
Mini IR Bullet	DS-2CD2042WD-I	4 MP, IR, WDR
Mini IR Bullet	DS-2CD2052-I	5 MP, IR
IR Fixed Dome	DS-2CD2122FWD-I(W)(S)	2 MP, IR, Wi-Fi, WDR
IR Fixed Dome	DS-2CD2142FWD-I(W)(S)	4 MP, IR, Wi-Fi, WDR
IR Fixed Dome	DS-2CD2152F-I(W)(S)	5 MP, IR, Wi-Fi
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 Cube	DS-2CD2422FWD-IW	2 MP, IR, WDR
IR Cube	DS-2CD2442FWD-IW	4 MP, IR, WDR
IR Cube	DS-2CD2452F-IW	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)	4 MP, IR, WDR, Wi-Fi optional
IR Mini Dome	DS-2CD2552FWD-I(W)	5 MP, IR, Wi-Fi 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-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
Separated	DS-2CD6412FWD(-10, -20, -30)	1.3 MP
Separated	DS-2CD6424FWD(-10, -20, -30)	2 MP