Network Video Recorder
Version: V3.4.91 build161220
Release Note
(2017-1-3)

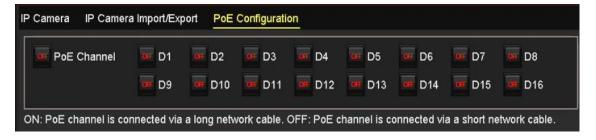| Firmware Basic Information	Firmware Version:	V3.4.91 build161220
	SDK Version:	V5.2.6.10
	ONVIF Protocol:	ONVIF V2.5.0
	IVMS-4200:	V2.5.5.1 build20161206
	Web Component:	V3.0.6.13 build161201 (I/K series) V3.0.6.8 build161201 (E series)

Reason of Upgrade

Add new functions and fix bugs for better performances on E/K/I series NVR.

Firmware Upgrade
New Features

1. [**POE Configuration**]
    (1) I and K series POE NVR supports extending POE transmission distance from 100M to 250M with cat5e cable or 300M with cat6 cable;
    (2) The capacity of POE port will be changed from 100Mbps full-dup to 10Mbps full-dup after switching to long-distance mode;
    (3) User can configure POE long-distance working mode in Menu- Camera- POE configuration, the default status is OFF;

(4) The maximum bitrate set of IP camera can't exceed 6 Mbps in case of bitrate's sudden increase;

(5) Tested IP camera list in long-distance mode:

DS-2CD4665F-IZHS	DS-2CD4026FWD-AP	DS-2CD4A35FWD-IZHS
DS-2CD2642FWD-IZS	DS-2CD2F42FWD-IWS	DS-2CD2942F-IWS
DS-2CD2510F	DS-2CD2342WD-I	DS-2CD2322WD-I
DS-2CD2352-I	DS-2CD2642FWD-IZS	DS-2CD2642FWD-I
DS-2CD2642FWD-IS	DS-2CD2642FWD-IZ	DS-2CD2742FWD-IZS
DS-2CD2742FWD-I	DS-2CD2742FWD-IS	DS-2CD2742FWD-IS
DS-2CD2T42WD-I8	DS-2CD2T42WD-I5	

2. **[8TB HDD]**

76/77 I series NVR supports WD 8TB HDD while 96 I series NVR supports WD and Seagate 8TB HDD. Please refer to latest HDD compatibility list for more information.

3. **[Genetec compatibility]**

Support access to Genrtec VMS, supported operation include video parameter configuration, live view/playback, alarm notification, auto reconnection.

Optimization

1. **[Stability]**

Optimize 7608NI-I2/P NVR's stability in high load situation.

2. **[Rest Password]**

Optimize security question's order in webpage for multi-language device.

3. **[GUID]**

Fix the issue the GUID file is expired after setting unlock pattern.

Supported Product List

I series NVR	DS-7608NI-I2	DS-7608NI-I2/8P	DS-7616NI-I2
	DS-7616NI-I2/16P	DS-77xxNI-I4	DS-77xxNI-I4/16P
	DS-9632/64NI-I8	DS-9632/64NI-I16	
K series NVR	DS-76xxNI-K2	DS-76xxNI-K2/xP	DS-77xxNI-K4
	DS-77xxNI-K4/16P		
E series NVR	DS-76xxNI-E1	DS-76xxNI-E1/xP	DS-76xxNI-E1/xN
	DS-76xxNI-E2	DS-76xxNI-E2/xP	DS-76xxNI-E2/xN
	DS-77xxNI-E4	DS-77xxNI-E4/xP	

Customer Impact and Recommended Action

This new firmware upgrade is to improve product performance, and will take effect

automatically after upgrading from previous versions. We'd like to inform you the above

changes. Also, we are sorry for any possible inconvenience of use-habit changes caused by this

action.

For questions or concerns, please contact our local technical support team.

Note:
- Hikvision has all rights to alter, modify and cancel this notice.
- Hikvision doesn't give any guarantee for old models' stock.
- Hikvision is not liable for any typing or printing errors.
- For special model's change details, please contact our local technical support team.