



DS-7600/7700/8600NI-Ex NVR V3.3.0 Release Notes

2015-04-13

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General Information

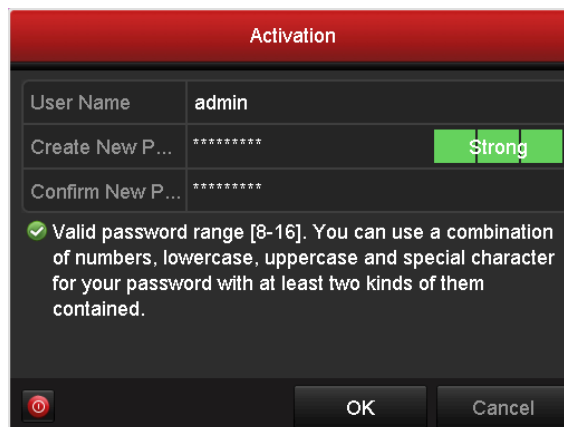
Firmware Version	V3.3.0 build150328
Web Component	V4.0.1 build150328
Related iVMS-4200	v2.00.14.08 build20150331
Related SDK	V5.0.3.20 build20150318
ONVIF Compliance	ONVIF Server V2.2, ONVIF Client Profile S

-E Series NVR Model

Series	Models
DS-7600NI-E1/E2 series	DS-7604NI-E1, DS-7608NI-E1, DS-7616NI-E1
	DS-7604NI-E1/4P
	DS-7604NI-E1/4N
	DS-7608NI-E2, DS-7616NI-E2, DS-7632NI-E2
	DS-7608NI-E2/8P, DS-7616NI-E2/8P, DS-7616NI-E2/16P, DS-7632NI-E2/8P, DS-7632NI-E2/16P
	DS-7608NI-E2/8N, DS-7616NI-E2/8N, DS-7632NI-E2/8N DS-7616NI-E2/16N, DS-7632NI-E2/16N
DS-7700NI-E4 series	DS-7708NI-E4, DS-7716NI-E4, DS-7732NI-E4
	DS-7708NI-E4/8P, DS-7716NI-E4/16P, DS-7732NI-E4/16P
DS-8600NI-E8 series	DS-8608NI-E8, DS-8616NI-E8, DS-8632NI-E8

V3.3.0 Firmware Updates

1. Introduce device activation mechanism in the V3.3.0 firmware: default admin password is removed; user must activate the device by creating a password for the admin account at the first time of utilization. Before activation, device cannot be used for live view streaming, playback, configuration, etc.
 - Newly manufactured device with the new firmware must be activated before use.
 - If a device is upgraded from old firmware version to the new firmware version, the device will be activated automatically with the same old password.
 - If an activated device is reset to factory setting, it becomes inactive and must be activated again before use.



The 'Activation' dialog box has a red title bar. It contains three input fields: 'User Name' with the value 'admin', 'Create New P...' with masked characters '*****', and 'Confirm New P...' also with masked characters. To the right of the 'Create New P...' field is a green button labeled 'Strong'. Below the input fields is a green checkmark icon followed by the text: 'Valid password range [8-16]. You can use a combination of numbers, lowercase, uppercase and special character for your password with at least two kinds of them contained.' At the bottom are three buttons: a red power button icon, 'OK', and 'Cancel'.

2. Add the password level indication while creating a new password.



The 'Warning' dialog box has a red title bar. It contains three input fields: 'Old Password' with masked characters '*****', 'New Password' with masked characters '*****', and 'Confirm' with masked characters '*****'. To the right of the 'New Password' field is a green button labeled 'Strong'. Below the input fields is a green checkmark icon followed by the text: 'Valid password range [8-16]. You can use a combination of numbers, lowercase, uppercase and special character for your password with at least two kinds of them contained.' At the bottom are two buttons: 'OK' and 'Cancel'.

3. Optimize Hikvision DDNS Configuration Page:
Continent/country of the DDNS registration server can be selected;
DDNS connection status is added.

Tested-compatible IP Camera

Tested-compatible Hikvision IPC

Type	Model	Version	Max. Resolution	Sub-stream	Audio
SD Network Camera	DS-2CD7133F-E	V5.1.0 build 131202	640*480	√	×
	DS-2CD793NFW-D-EI	V5.1.0 build 131202	704*576	√	√
	DS-2CD802NF	V2.0 build 090522	704*576	√	√
		V2.0 build 090715			
		V2.0 build 110301			
	DS-2CD833F-E	V5.1.0 build 131202	640*480	√	√
	DS-2CD893PF-E	V5.1.0 build 131202	704*576	√	√
HD Network Camera	DS-2CD2012-I	V5.1.6 build 140412	1280*960	√	×
	DS-2CD2132-I	V5.1.6 build 140412	2048*1536	√	×
	DS-2CD2410FD-I(W)	V5.1.7 build 140528	1280*720	√	√
	DS-2CD2612F-I	V5.1.6 build 140412	1280*960	√	×
	DS-2CD2612F-IS	V5.1.6 build 140412	1280*960	√	√
	DS-2CD2632F-I	V5.1.6 build 140412	2048*1536	√	×
	DS-2CD2632F-IS	V5.1.6 build 140412	2048*1536	√	√
	DS-2CD2710F-I	V5.1.7 build 140527	1280*960	√	×
	DS-2CD2720F-I	V5.1.7 build 140527	1920*1080	√	×
	DS-2CD4010F	V5.1.7 build 140528	1280*960	√	√
	DS-2CD4012F	V5.1.7 build 140527	1280*1024	√	√
	DS-2CD4026FWD	V5.1.7 build 140527	1920*1080	√	√

Type	Model	Version	Max. Resolution	Sub-stream	Audio
	DS-2CD4026FWD-SDI	V5.1.7 build 140527	1920*1080	√	√
	DS-2CD4032FWD	V5.1.7 build 140527	2048*1536	√	√
	DS-2CD4065F	V5.1.6 build 140528	3072*2048	√	√
	DS-2CD4124F-I(2.8-12mm)	V5.1.7 build 140527	1920*1080	√	√
	DS-2CD4132FWD-I(2.8-12mm)	V5.1.7 build 140527	2048*1532	√	√
	DS-2CD4212F-I(2.8-12mm)	V5.1.7 build 140527	1280*1024	√	×
	DS-2CD4212F-IS(2.8-12mm)	V5.1.7 build 140527	1280*1024	√	√
	DS-2CD4212FWD-I	V5.1.7 build 140527	1280*960	√	×
	DS-2CD4212FWD-IS	V5.1.7 build 140527	1280*960	√	√
	DS-2CD4224F-I	V5.1.7 build 140527	1920*1080	√	×
	DS-2CD4232FWD-I	V5.1.7 build 140527	2048*1536	√	×
	DS-2CD4232FWD-IS(2.8-12mm)	V5.1.7 build 140527	2048*1536	√	√
	DS-2CD4312F-I	V5.1.7 build 140527	1280*1024	√	×
	DS-2CD4312FWD-I	V5.1.7 build 140527	1280*960	√	×
	DS-2CD4324F-I	V5.1.7 build 140527	1920*1080	√	×
	DS-2CD4332FHWD-IS	V5.1.7 build 140527	2048*1536	√	√
	DS-2CD4332FHWD-I	V5.1.7 build 140527	2048*1536	√	×
	DS-2CD4332FWD-I	V5.1.7 build 140527	2048*1536	√	×
	DS-2CD6026FHWD	V5.1.7 build 140527	1920*1080	√	√
	DS-2CD6213F	V5.1.0 build 131202	1280*960	√	×
	DS-2CD6223F	V5.1.0 build 131202	1920*1080	√	×

Type	Model	Version	Max. Resolution	Sub-stream	Audio
	DS-2CD6233F	V5.1.0 build 131202	2048*1536	√	×
	DS-2CD7153-E	V5.1.0 build 131202	1600*1200	√	×
	DS-2CD7164-E	V5.1.0 build 131202	1280*720	√	×
	DS_2CD754F-EI	V5.1.0 build 131202	2048*1536	√	√
	DS-2CD754FWD-E	V5.1.0 build 131202	1920*1080	√	√
	DS-2CD754FWD-EIZ	V5.1.0 build 131202	2048*1536	√	√
	DS_2CD783F-EI	V5.1.0 build 131202	2560*1920	√	√
	DS-2CD8153F-E	V5.1.0 build 131202	1600*1200	√	√
	DS-2CD8464F-EI	V5.1.0 build 131202	1280*960	√	√
	DS-2CD852MF-E	V2.0 build 110614	1600*1200	√	√
		V2.0 build 110426			
		V2.0 build 100521			
	DS-2CD855F-E	V5.1.0 build 131202	1920*1080	√	√
	DS-2CD862MF-E	V2.0 build 110614	1280*960	√	√
		V2.0 build 110426			
		V2.0 build 100521			
	DS-2CD863PF/NF-E	V5.1.0 build 131202	1280*960	√	√
	DS-2CD864FWD-E	V5.1.0 build 131202	1280*720	√	√
	DS-2CD876MF/BF-E	V4.0.3 build120913	1600*1200	√	√
	DS-2CD877BF	V4.0.3 build120913	1920*1080	√	√
	DS-2CD886MF-E	V4.0.3 build 120913	2560*1920	√	√
	DS-2CD9111(B)	V3.7.1 build140417	1360*1024	√	×
	DS-2CD9120-H	V3.7.1 build140417	1600*1200	√	×

Type	Model	Version	Max. Resolution	Sub-stream	Audio
	DS-2CD9121	V3.7.1 build140417	1600*1200	√	×
	iDS-2CD9121	V3.7.1 build140417	1600*1200	√	×
	DS-2CD9121A	V3.7.1 build140417	1600*1200	√	×
	iDS-2CD9121A	V3.7.1 build140417	1600*1200	√	×
	DS-2CD9122	V3.7.1 build140417	1920*1080	√	×
	DS-2CD9122-H	V3.7.1 build140417	1920*1080	√	×
	DS-2CD9131	V3.7.1 build140417	2048*1536	√	×
	iDS-2CD9131	V3.7.1 build140417	2048*1536	√	×
	DS-2CD9131-K	V3.7.0 build140403	2048*1536	√	√
	DS-2CD9151A	V3.7.1 build140509	2448*2048	√	×
	iDS-2CD9151A	V3.7.1 build140509	2448*2048	√	×
	iDS-2CD9151A-E	V3.7.0 build140403	2448*2048	√	×
	DS-2CD9152	V3.7.1 build140417	2560*1920	√	×
	iDS-2CD9152	V3.7.1 build140417	2560*1920	√	×
	DS-2CD9152-H	V3.7.1 build140417	2592*2048	√	×
	iDS-2CD9152-H	V3.7.1 build140417	2592*2048	√	×
	DS-2CD9152-HK	V3.7.0 build140403	2592*2048	√	√
	DS-2CD9182-H	V3.7.0 build 140403	3296*2472	√	×
	iDS-2CD9282	V3.5.0 build130810	3296*2472	√	×
	DS-2CD966(B)	V3.1 build 120423	1360*1024	×	×
	DS-2CD966-V(B)	V3.1 build 120423	1360*1024	×	×
	DS-2CD976(C)	V3.1 build 120423	1600*1200	×	×

Type	Model	Version	Max. Resolution	Sub-stream	Audio
	DS-2CD976-V(C)	V3.1 build 120423	1600*1200	×	×
	DS-2CD977(C)	V3.1 build 120423	1920*1080	×	×
	DS-2CD986A(C)	V3.1 build 120423	2448*2048	×	×
	DS-2CD986C (B)	V2.3.6 build 120401	2560*1920	×	×
Network Speed Dome	DS-2DF1-402	V3.2.0 build 131223	704*576	√	√
	DS-2DF1-518	V3.2.0 build 131223	704*576	√	√
	DS-2DE5172-A	V5.1.8 build 140530	1280*960	√	√
	DS-2DF5274-A	V5.1.8 build 140616	1280*960	√	√
	DS-2DF5284-A	V5.1.8 build 140530	1920*1080	√	√
	DS-2DE7174-A/AE/D	V5.1.8 build 140530	1280*960	√	√
	DS-2DE7186-A/AE	V5.1.8 build 140530	1920*1080	√	√
	DS-2DF7274-A	V5.1.8 build 140616	1280*960	√	√
	DS-2DM7274-A	V5.1.8 build 140616	1280*960	√	√
	DS-2DF7284-A	V5.1.8 build 140530	1920*1080	√	√
	DS-2ZCN3006	V5.1.6 build 140409	1280*960	√	√
	DS-2ZCN3007	V5.1.6 build 140409	1920*1080	√	√
SD Encoder	DS-6501HCI	V1.0.1 build130607	352*288	√	√
	DS-6501HCI-SATA	V1.0.1 build130607	352*288	√	√
	DS-6501HFI	V1.0.1 build130607	704*576	√	√
	DS-6501HFI- SATA	V1.0.1 build130607	704*576	√	√
	DS-6502HCI	V1.0.1 build130607	352*288	√	√
	DS-6502HCI- SATA	V1.0.1 build130607	352*288	√	√

Type	Model	Version	Max. Resolution	Sub-stream	Audio
	DS-6502HFI	V1.0.1 build130607	704*576	√	√
	DS-6502HFI- SATA	V1.0.1 build130607	704*576	√	√
	DS-6504HCI	V1.0.1 build130607	352*288	√	√
	DS-6504HCI- SATA	V1.0.1 build130607	352*288	√	√
	DS-6504HFI	V1.0.1 build130607	704*576	√	√
	DS-6504HFI- SATA	V1.0.1 build130607	704*576	√	√
	DS-6508HCI	V1.0.1 build130607	352*288	√	√
	DS-6508HCI- SATA	V1.0.1 build130607	352*288	√	√
	DS-6508HFI	V1.0.1 build130607	704*576	√	√
	DS-6508HFI- SATA	V1.0.1 build130607	704*576	√	√
	DS-6516HCI	V1.0.1 build130607	352*288	√	√
	DS-6516HCI- SATA	V1.0.1 build130607	352*288	√	√
	DS-6516HFI	V1.0.1 build130607	704*576	√	√
	DS-6516HFI- SATA	V1.0.1 build130607	704*576	√	√
	DS-6601HCI	V1.2.1 build131202	352*288	√	√
	DS-6602HCI	V1.2.1 build131202	352*288	√	√
	DS-6604HCI	V1.2.1 build131202	352*288	√	√
	DS-6601HFI(-SATA)	V1.2.1 build131202	704*576	√	√
	DS-6602HFI(SATA)	V1.2.1 build131202	704*576	√	√
	DS-6604HFI(-SATA)	V1.2.1 build131202	704*576	√	√
	DS-6701HWI	V1.2.0 build140414	960*576	√	√

Type	Model	Version	Max. Resolution	Sub-stream	Audio
	DS-6701HWI-SATA	V1.2.0 build140414	960*576	√	√
	DS-6704HWI	V1.2.0 build140414	960*576	√	√
	DS-6704HWI-SATA	V1.2.0 build140414	960*576	√	√
	DS-6708HWI	V1.2.0 build140414	960*576	√	√
	DS-6708HWI-SATA	V1.2.0 build140414	960*576	√	√
	DS-6716HWI	V1.2.0 build140414	960*576	√	√
	DS-6716HWI-SATA	V1.2.0 build140414	960*576	√	√
HD Encoder	DS-6601HFHI	V1.0.4 build130115	1920*1080	√	√
	DS-6601HFHI/L	V1.0.4 build130115	1920*1080	√	√

Tested-compatible Third-party IPC

IP Camera Manufacturer or Protocol	Model	Version	Max. Resolution	Sub-stream	Audio
ACTi	ACM3401-09L-X-00227	A1D-220-V3.13.16-AC	1208*1024	×	×
	TCM4301-10D-X-00083	A1D-310-V4.12.09-AC	1208*1024	×	√
	TCM5311-11D-X-00023	A1D-310-V4.12.09-AC	1208*960	×	√
Arecont	AV1305 M	65175	1208*1024	√	×
	AV2815	65220	1920*1080	√	×
	AV3105M	65175	1920*1080	√	×
	AV8185DN	65172	1600*1200	×	×
Axis	M1114	5.09.1	1024*640	√	×
	M3011(ONVIF compatibility)	5.21	640*480 (704*576)	√ (×)	×
	M3014(ONVIF compatibility)	5.21.1	1280*800	√	×
	P1346	5.40.9.2	2048*1536	√	√
	P3301(ONVIF compatibility)	5.11.2	640*480 (768*576)	√	√ (×)

IP Camera Manufacturer or Protocol	Model	Version	Max. Resolution	Sub-stream	Audio
	P3304(ONVIF compatibility)	5.20	1280*800 (1440*900)	√	√ (×)
	P3343(ONVIF compatibility)	5.20.1	800*600	√	√ (×)
	P3344(ONVIF compatibility)	5.20.1	1280*800 (1440*900)	√	√ (×)
	P5532	5.15	720*576	√	×
	Q7404	5.02	720*576	√	√
Bosch	AutoDome Jr 800 HD (ONVIF compatibility)	39500450	1920*1080	×	√ (×)
	Dinion NBN-921-P (ONVIF compatibility)	10500453	1280*720	×	√ (×)
	NBC 265 P (ONVIF compatibility)	07500452	1280*720	×	√ (×)
Brickcom	CB-500Ap(Brickcom-50xA) (ONVIF compatibility)	v3.2.1.3	1920*1080	×	√ (×)
Canon	VB-H410(ONVIF compatibility)	Ver.+1.0.0	1920*1080 (1280*960)	×	√
	VB-S9000F	Ver. 1.0.0	1920*1080	×	×
	VB-S300D	Ver. 1.0.0	1920*1080	×	×
	VB-H6100D	Ver. 1.0.0	1920*1080	×	×
	VB-H7100F	Ver. 1.0.0	1920*1080	×	√
	VB-S8000	Ver. 1.0.0	1920*1080	×	×
Panasonic	SP306H (ONVIF compatibility)	Application:1.34 Image data:1.06	1280*960	√ (×)	√
	SF336H	Application:1.06 Image data: 1.06	1280*960	√	√
Pelco	D5118 (ONVIF compatibility)	1.8.2-20120327-2.9310-A1.7852	1280*960	√	×
	IX30DN-ACFZHB3 (ONVIF compatibility)	1.8.2-20120327-2.9080-A1.7852	2048*1536	√	×
	IXE20DN-AAXVUU2 (ONVIF compatibility)	1.8.2-20120327-2.9081-A1.7852	1920*1080	√	×
Sanyo	2300P(with lens)	2.03-02 (110318-00)	1920*1080	×	×
	2500P(with lens)	2.02-02 (110208-00)	1920*1080	×	√
	4600P	2.03-02 (110315-00)	1920*1080	×	√
SONY	SNC-CH220	1.50.00	1920*1080	×	×
	SNCDH220T (ONVIF only)	1.50.00	2048*1536	×	×

IP Camera Manufacturer or Protocol	Model	Version	Max. Resolution	Sub-stream	Audio
	SNC-EP580 (ONVIF compatibility)	1.53.00	1920*1080	√	√
	SNC-RH124 (ONVIF compatibility)	1.79.00	1280*720	√	√
SUMSUNG	SND-5080 (ONVIF compatibility)	3.10_130416	1280*1024	√	√
Vivotek	IP7133	0203a	640*480	×	×
	FD8134 (ONVIF compatibility)	0107a	1280*800	×	×
	IP8161 (ONVIF compatibility)	0104a	1600*1200	×	√ (×)
	IP8331 (ONVIF compatibility)	0102a	640*480	×	×
	IP8332 (ONVIF compatibility)	0105b	1280*800	×	×
Zavio	D5110 (ONVIF compatibility)	MG.1.6.03P8	1280*1024	√ (×)	×
	F3106 (ONVIF compatibility)	M2.1.6.03P8	1280*1024	√ (×)	√
	F3110 (ONVIF compatibility)	M2.1.6.01	1280*720	√ (×)	√
	F3206 (ONVIF compatibility)	MG.1.6.02c045	1920*1080	√ (×)	√
	F531E (ONVIF compatibility)	LM.1.6.18P10	640*480	√ (×)	√