

## Release Version 3.11.2 (2019/12)

### Modules

Item	Version	
FW	NVR	NP-2040
		NP-2080
		NP-2160
		NP-8160
		03.11.0000.0002
	Camera Package	DP v19.10.0.36
Application	Install Wizard	6.1.705.19
	Remote Live Viewer	6.1.705.19
	Playback System	6.1.705.19
	Backup System	6.1.705.19
	Verification Tool	6.1.705.0
	Offline License Tool	2.0.4.4
Document	Local User manual	3.1
	Remote User manual	3.1
	QSG	3.1

### Bugs Fixed

1. Vulnerability CVE-2019-9653.
2. Sntp sends Japanese, google outlook display garbled characters.
3. SMTP server sends test email failed.
4. Camera password has special characters that cannot be stored in NVR web.

### Enhancement

1. Update DP to v19.10.0.36.
2. Update php to 5.6.40.
3. Change P2P provider to TUTK.
4. Support SCB-A10.
5. Local PTZ panel delay.
6. ezNUUO CPU load improvement.

## Release Version 3.10.0 (2018/12)

### Modules

Item	Version	
FW	NVR	NP-8160
	Camera Package	03.10.0000.0006
Application	DP v18.11.0.18	
	Install Wizard	6.1.705.19
	Remote Live Viewer	6.1.705.19
	Playback System	6.1.705.19
	Backup System	6.1.705.19
	Verification Tool	6.1.705.0
	Offline License Tool	2.0.4.4
Document	Local User manual	3.1
	Remote User manual	3.1
	QSG	3.1

### Bugs Fixed

1. Vulnerability CVE-2018-14933.
2. Commit email setting will clear password element.

### Enhancement

1. Add password mask for Email, Camera and FTP.
2. System password changes will be logged out for greater security.
3. Enhance web security.
4. Enhance NUUO protocol security.
5. Network service setting fool-proofing.
6. P2P internal enhancement.

## Release Version 3.9.1 (2018/09)

### Modules

Item	Version	
<b>FW</b>	NVR NP-8160	03.09.0001.0002
	Camera Package	DP v18.9.0
<b>Application</b>	Install Wizard	6.1.705.18
	Remote Live Viewer	6.1.705.18
	Playback System	6.1.705.18
	Backup System	6.1.705.18
	Verification Tool	6.1.705.18
	Offline License Tool	6.1.705.18
<b>Document</b>	Local User manual	3.1
	Remote User manual	3.1
	QSG	3.1

### Bugs Fixed

3. Fix vulnerability issues
  - i. CVE-2018-1149
  - ii. CVE-2018-1150
  - iii. CVE-2018-11523
4. #4412: EHLO failed when any non-alphabet is inside host name (server name)

### Special Notice:

DtDNS had ceased operations as of August 1, 2018.

## Release Version 3.7.0 (2018/04)

### Modules

Item	Version	
<b>FW</b>	NVR NP-8160	03.07.0000.0011
	Camera Package	DP v18.4.0
<b>Application</b>	Install Wizard	6.1.705.18
	Remote Live Viewer	6.1.705.18
	Playback System	6.1.705.18
	Backup System	6.1.705.18
	Verification Tool	6.1.705.18
	Offline License Tool	6.1.705.18
<b>Document</b>	Local User manual	3.1
	Remote User manual	3.1
	QSG	3.1

### Enhancement

1. Update ActiveX to 6.1.705.18
2. Update DP to v18.4.0.33
3. Export / Import add more configs information
  - User account
  - Date/time setting
  - Network setting
4. Enhance for NuClient interconnect Solo
  - Supports sending Time Zone
  - Server Name Issue
5. Enhance diagnostic tool
  - md5check.txt : md5 check result
  - netstat : netstat -plnt
  - /NUUO/lib/ipcampack.conf : device pack version

### Bugs Fixed

1. Fix FAE#3985 : Crash when right click (fisheye menu) in local live view.
  2. Fix FAE#4222 : Daily report didn't show as html.
- Fix FAE#4247 : Local menu can't create volume, even the size is under 16TB

## Release Version 3.6.5 (2018/02)

### Modules

Item		Version
FW	NVR NP-8160	03.06.0005.0002
	Camera Package	DP v18.2.0.25
Application	Install Wizard	6.1.705.17
	Remote Live Viewer	6.1.705.17
	Playback System	6.1.705.17
	Backup System	6.1.705.17
	Verification Tool	6.1.705.17
	Offline License Tool	6.1.705.17
Document	Local User manual	3.1
	Remote User manual	3.1
	QSG	3.1

### Enhancement

6. Supports local privilege for video backup function
7. Supports SMTP service via TLS
8. Add a switch on local motion setting
9. Modify the default setting of "Enable built-in DHCP" to off

### Bugs Fixed

3. Fix FAE# Enhance configures while doing backup

## Release Version 3.6.2 (2017/12)

### Modules

Item	Version		
<b>FW</b>	NVR	NP-8160	03.06.0002.0006
	Camera Package		DP v5.13.0
<b>Application</b>	Install Wizard		6.1.705.17
	Remote Live Viewer		6.1.705.17
	Playback System		6.1.705.17
	Backup System		6.1.705.17
	Verification Tool		6.1.705.17
	Offline License Tool		6.1.705.17
<b>Document</b>	Local User manual		3.1
	Remote User manual		3.1
	QSG		3.1

### Enhancement

10. Upgrade PHP to 5.6.32
11. Update ActiveX to 6.1.705.17
12. Enhance HDD S.M.A.R.T information
13. Enhance embedded motion log for troubleshooting
14. (FAE #3928) Enhance volume recycle mechanism
15. (FAE #3912) Support to send e-mail by sever with non-English server name
16. Enhance backup configurations
17. (FAE#4056) Upgrade lighttpd from 1.4.43 to 1.4.48

### Bugs Fixed

4. Fix FAE#3920, 3953 :Unable to playback recordings of Vivotek cameras VS3100 and IP3132 in Remote Playback.
5. Fix FAE#3997 : FW 3.4.0 or above unable to apply imported configuration in local menu
6. Fix FAE#4026 : Auto backup to ftp failed