

PODEŠAVANJA

Nakon podešavanja uređaja (inicijalizacije), prijavite sa na sistem unosom IP adrese u pretraživač (Internet Explorer 7 ili noviji).

Upišite korisničko ime i lozinku.



Podešavanje kamere

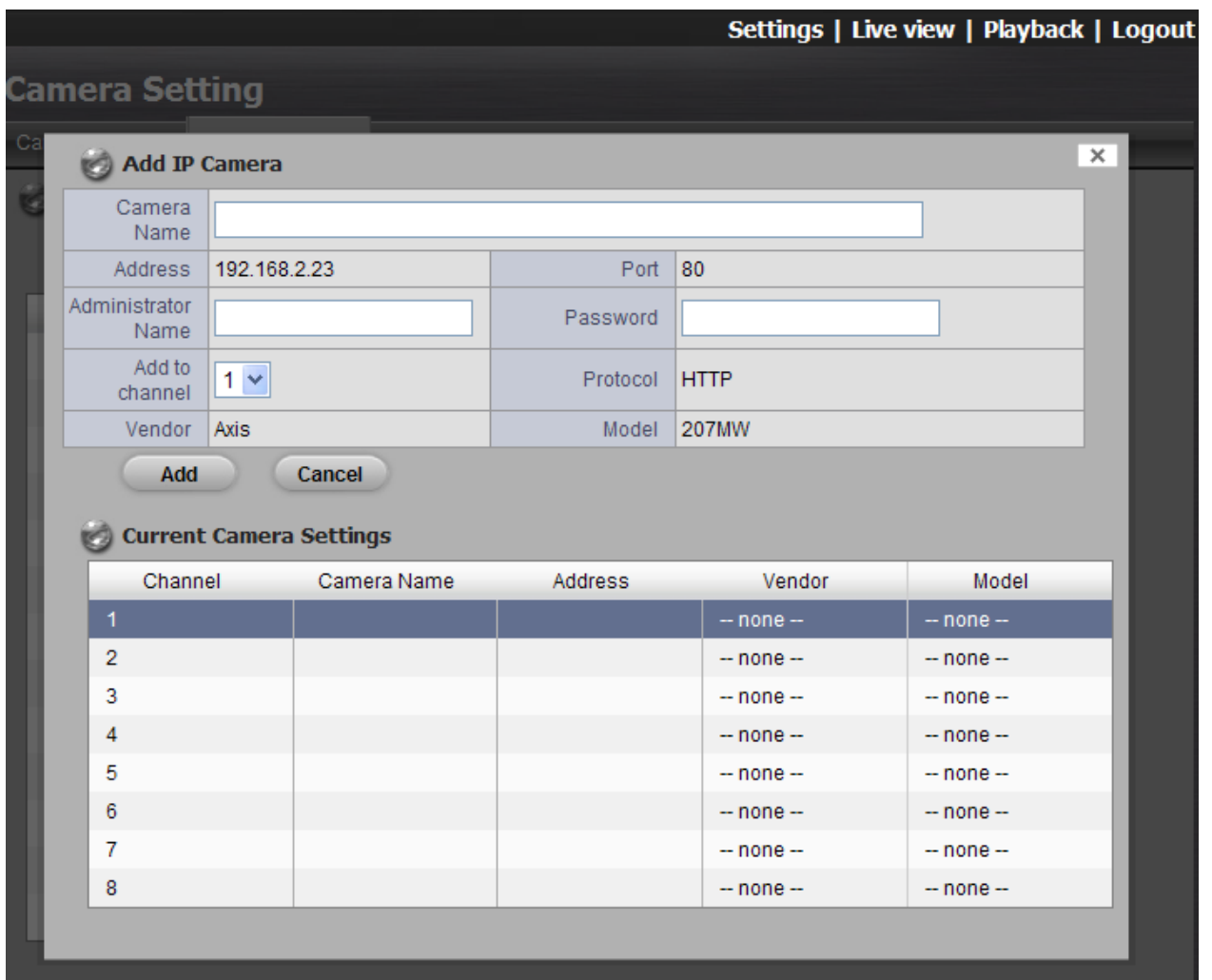
1. Kliknite na IP Camera/Camera Settings
2. Kliknite na Camera Search
3. Kliknita na Search



Sistem će prikazati sve dostupne kamere.
Instalirane kamere su prikazane plavom bojom.
Kliknite na ikonice + da bi dodali kamereu u sistem



Prikazaće se sledeći prozor:



Upišite Ime kamere, korisničko ime i lozinku.

Kliknite na dugme „Add“.

Ponovite prethodne korake da bi dodali i ostale kamere u vaš sistem.

Kamere možete dodati i ručno, na sledeći način:

1. Kliknite na IP Camere / Camera Settings.
2. Kliknite na Camera Settings jezičak, prikazaće se lista

Index	Camera Name	Address	Port	Vendor	Model
1			80	-- none --	-- none --
2			80	-- none --	-- none --
3			80	-- none --	-- none --
4			80	-- none --	-- none --
5			80	-- none --	-- none --
6			80	-- none --	-- none --
7			80	-- none --	-- none --
8			80	-- none --	-- none --

Kliknite na broj gde želite dodati kameru.
Unesite informacije o kameri.

Camera Settings

Camera Settings Camera Search

Camera Settings

Camera Name

Address Port

Administrator Name Password

Video Channel Protocol TCP UDP HTTP

Vendor Model

Save Reset Clear Auto Detection

- **Camera name:** Ime kamere
- **Address:** IP adresa
- **Port:** Port (podrazumevani je 80)
- **User name:** Korisničko ime
- **Password:** Lozinka
- **Camera Channel:** Broj analognih kamera na video serveru sa liste
- **Protocol:** Data transmission protocol.
- **Vendor:** Proizvođač kamere
- **Model:** Model kamere
- **Auto Detection:** nakon unosa IP adrese, porta, korisničkog imena i lozinke, klikom na ovo dugme automatski se detektuju ostale informacije kamere (Protokol, Proizvođač i Model)

Kliknite na dugme „Save“

PODEŠAVANJE 2nd Stream

Drugi strim profil je predviđen za mobilnog klijenta i živi prikaz sa nižim fps (za sporije internet konekcije).

1. Kliknite na IP Camera / Camera Paramerets
2. Kliknite na 2nd Stream Settings jezičak.

The screenshot shows the 'Camera Parameter' web interface with the '2nd Stream Settings' tab selected. The interface includes a 'Save' button and a 'Camera List' table.

2nd Stream Settings	
Channel	1
Camera Name	Location 1
Stream Profile	<input checked="" type="radio"/> Enable <input type="radio"/> Disable

Stream Profile		
Low Profile	Format	MJPEG
	Frame Rate	1
	Resolution	VGA
Minimum Profile	Format	MJPEG
	Frame Rate	0.5
	Resolution	VGA

Channel	Camera Name	Camera Vendor	Camera Model	Sub-Streaming
1	Location 1	Camera Vendor	Camera Model	Enable

- **Stream Profile:** Podrazumevani status je **Enable**. Ako ne želite da dozvolite pristup mobile client korisniku, odaberite **Disable**, i kliknite na **Save** dugme.
- **Low Profile:** Profil ispod 300kbps, predviđen za mobile klijent jedan prozor.
- **Minimum Profile:** Profile ispod 100 kbps, predviđen za mobile klijent više prozora

SNIMANJE

Podešavanje snimanja

1. Kliknite na Recording & Event / Recording settings.
2. Kliknite na Recording Mode jezičak
3. Ako odaberete ALWAYS RECORDING (Snimaj stalno), odabrane kamere odmah počinju sa snimanjem.

Recording Settings

Recording Mode Recording Schedule

Recording Mode

Recording Mode

No Recording

Recording by Schedule

Always Recording

Camera 1 Camera 2 Camera 3 Camera 4

Camera 5 Camera 6 Camera 7 Camera 8

Automatic Recycle Enable

Keep Video Keep Video Days

Save Reset

- **No Recording:** Gašenje snimanja
- **Recording by Schedule:** Snimanje po rasporedu
- **Always Recording:** Stalno snimanje odabranih kamera.
- **Automatic Recycle:** Kliknite na **Enable** kako bi omogućili obnavljanje mesta na disku kad je disk pun.
- **Keep Video:** Odaberite period tokom kojeg će se snimljeni video čuvati.

Podešavanje rasporeda snimanja

1. Kliknite na Recording & Event / Recording Settings
 2. Kliknite na Recording Schedule jezičak
 3. Odaberite Day ili Week način prikaza
- **Day:** Podešavanje kamere da upali / ugasi snimanje u isto vreme svakog dana po rasporedu.
 - **Week:** Podešavanje kamera različito za svaki dan u nedelji
4. Kliknite na raspored kamere koju treba podesiti.
 5. Kliknite na kolonu na dnu tabele

Recording Settings

Recording Mode Recording Schedule

Recording Schedule

Camera List

Day Week

- Camera List
- Camera 1
- Camera 2
- Camera 3
- Camera 4
- Camera5
- Camera6
- Camera7
- Camera8

Schedule

	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Cam1	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red
Cam2	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red
Cam3	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red
Cam4	White	White	White	White	White	White	White	White	White	White	White	White	White	White	White	White	White	White	White	White	White	White	White	White	White
Cam5	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red
Cam6	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red
Cam7	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red
Cam8	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red

Buttons: Insert, Delete, Configure, Copy

Start Time	End Time	Record	Audio
00:00	24:00	Always	Disable

Buttons: Save, Reset

Before setting record on motion, remember to enable "motion detection" function in camera web first.

- **Insert:** Unesite novi raspored
- **Delete:** Obrišite odabrani raspored
- **Configure:** Podesite raspored i način snimanja
- **Copy:** Kopirajte trenutni **Dnevni Raspored** na ostale kanale; kopirajte trenutni **Nedeljni Raspored** na ostale dane u nedelji ili na ostale kanale.

6. Podrazumevano podešavanje snimanja od 00:00 do 24:00 možete promeniti

Schedule Configuration

Time

Start Time: :

End Time: :

Pre-record: Sec. (Max.: 180)

Post-record: Sec. (Max.: 180)

Mode

Always Record

Record on Event

Audio

Enable Audio

Ok Cancel

Ako želite dodati novi raspored, kliknite na **Insert** dugme

Recording Settings

Recording Mode | Recording Schedule

Recording Schedule

Camera List | Schedule

Day Week

Camera List

- Camera 1
- Camera 2
- Camera 3
- Camera 4
- Camera 5
- Camera 6
- Camera 7
- Camera 8

Schedule

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

Cam1 [Red bar from 00:00 to 11:15]

Cam2 [Red bar from 00:00 to 11:15]

Cam3 [Red bar from 00:00 to 11:15]

Cam4 [Red bar from 00:00 to 11:15] [Blue bar from 11:15 to 23:00]

Cam5 [Red bar from 00:00 to 11:15]

Cam6 [Red bar from 00:00 to 11:15]

Cam7 [Red bar from 00:00 to 11:15]

Cam8 [Red bar from 00:00 to 11:15]

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

Insert Delete Configure Copy

Start Time	End Time	Record	Audio
00:00	11:15	Always	Disable
13:00	16:00	Always	Disable

Save Reset

Before setting record on motion, remember to enable "motion detection" function in camera web first.

Note: An arrow labeled "Insert" points to a red bar on the Cam1 schedule at approximately 13:00. A red oval highlights the second row in the table below.

Podešavanje vremena snimanja možete obaviti i povlačenjem mišem na početak / kraj vremena

Recording Settings

Recording Mode | Recording Schedule

Recording Schedule

Camera List | Schedule

Day Week

Camera List

- Sunday
- Monday
- Tuesday
- Wednesday
- Thursday
- Friday
- Saturday
- Camera 2
- Camera 3
- Camera 4
- Camera 5
- Camera 6
- Camera 7
- Camera 8

Schedule

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

Sun [Red bar from 03:00 to 20:00]

Mon [Red bar from 00:00 to 11:15]

Tue [Red bar from 00:00 to 11:15]

Wed [Red bar from 00:00 to 11:15]

Thu [Red bar from 00:00 to 11:15]

Fri [Red bar from 00:00 to 11:15]

Sat [Red bar from 00:00 to 11:15]

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

Insert Delete Configure Copy

Start Time	End Time	Record	Audio
03:00	20:00	Always	Disable

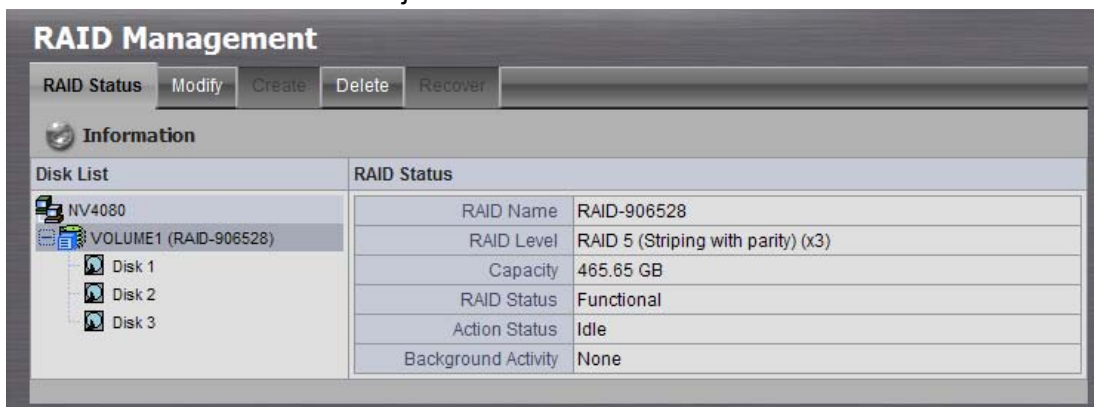
Save Reset

Before setting record on motion, remember to enable "motion detection" function in camera web first.

Note: The word "Drag" is written above the Sunday schedule bar.

RAID PODEŠAVANJA

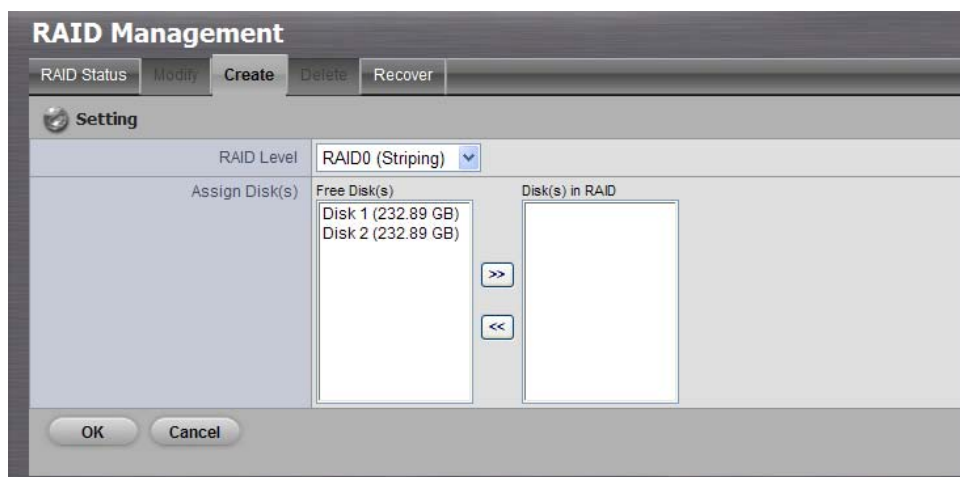
1. Kliknite na RAID & File System / RAID Management
2. Kliknite na Raid Status jezičak da bi videli status RAID diskova



- **RAID Name:** Ime vašeg RAID se automatski dodeljuje kad se kreira
- **RAID Level:** RAID 0, 1, 5, ili 10, sa datumom kreiranja
- **Capacity:** kapacitet RAID sistema u GB
- **RAID Status:** **Functional** je normalno. **Critical** znači da je jedan od diskova otkazao. **Offline** znači da ne možete pristupiti podacima.
- **Action Status:** **Idle** je normalno. **Rebuilding** znači da re RAID sistem popravlja nakon kvara. **Migrating** znači dodavanje diska ili promena RAID nivoa.
- **Background Activity:** **None** je normalno. **Running** značia aktivnost u pozadini

KREIRANJE RAID sistema

1. Kliknite na RAID & File System / RAID Management
2. Kliknite na Create jezičak



3. Iz RAID level menija odaberite RADI nivo koji želite

4. Odaberite disk koji želite iz Free Disk kolone (levo), kliknite na >> dugme da bi ga dodali u RAID diskove.
5. Kliknite na OK,

Time je kreiran RAID disk i **FORMATIRANJE** diskova počinje.

PODEŠAVANJE MREŽE

1. Kliknite na Network Setup
2. Upišite ime uređaja
3. Upišite fixnu IP adresu
4. Upišite Subnet Mask, Gateway, Primarni DNS
5. Kliknite na OK

Network Setup	
Information Setup Jumbo Frame Port Setup DDNS Setup UPnP Port Forwarding	
Network Setting	
Computer Name	nv4080_pm
Ethernet Link Speed	<input type="radio"/> Auto <input type="radio"/> 1000Mbps <input checked="" type="radio"/> 100Mbps
Internet Protocol	<input type="radio"/> Obtain an IP address automatically <input checked="" type="radio"/> Specify an IP address
IP Address	192.168.3.50
Subnet Mask	255.255.252.0
Default Gateway IP Address	192.168.1.1
Primary DNS	192.168.1.1
Secondary DNS	168.95.1.1
OK Cancel	

MANAGEMENT

DODAVANJE KORISNIKA

1. Kliknite na Management
2. Kliknite na Create New User jezičak
3. Unesite Ima korisnika
4. Upišite lozinku
5. Odaberite kojoj grupi pripada korisnik

The screenshot shows the 'User Management' interface with three tabs: 'Create New Users', 'Modify Users', and 'Change Password'. The 'Create User' form is active and contains the following fields and options:

- User Name:
- Password:
- Group: (dropdown menu)
- Live View Access: All, Channel 1, Channel 2, Channel 3, Channel 4, Channel 5, Channel 6, Channel 7, Channel 8, PTZ Control, IO Control
- Playback Access: All, Channel 1, Channel 2, Channel 3, Channel 4, Channel 5, Channel 6, Channel 7, Channel 8, Backup Data, Delete Data

Buttons at the bottom: 'Create New User' and 'Reset'.

- **Power user:** Korisnik može pristupiti SVIM opcijama osim **Network Settings, RAID Settings,** and **Management function.**
 - **User:** Korisnik može menjati svoju lozinku, pristupiti Živom pregledu i Playback funkcijama.
 - **Guest user:** Korisnik može samo pristupiti Živom pregledu i Payback funkciji.
6. Odaberite kamere kojima korisnik može pristupiti
 7. Odaberite kanale za Playback kojima korisnik može pristupiti.
 8. Odaberite opciju da li dozvoliti korisniku za bekap ili brisanje podataka
 9. Kliknite na Create New User dugme kako bi dovršili podešavanje.

BRISANJE KORISNIKA

The screenshot shows the 'User List' table with the following data:

No.	Name	Group	Live View	PTZ	IO	Playback	Backup Data	Delete Data	
1	poweruser	power user	1,2,3,4,5,6,7,8	0	0	1,2,3,4,5,6,7,8	0	0	
2	user	user	1,2,3,4	0	0	1,2,3,4	0	0	

Kliknita na na crvenu ikonicu korisnika koga želite obrisati, pritisnite na OK dugme.

AKTIVACIJA LICENCE (online)

Trenutno moguća samo za uređaj sa 2 kanala, njome se postiže otključavanje do ukupno 4 kanala.

1. Kliknite na Management / Licence management
2. Odaberite Online za vrstu aktivacije
3. Upišite ser.broj koji ste dobili i, kliknite na Activate dugme

The screenshot shows the 'License Management' interface. It has a tab labeled 'Activate'. Underneath, there are three sections:

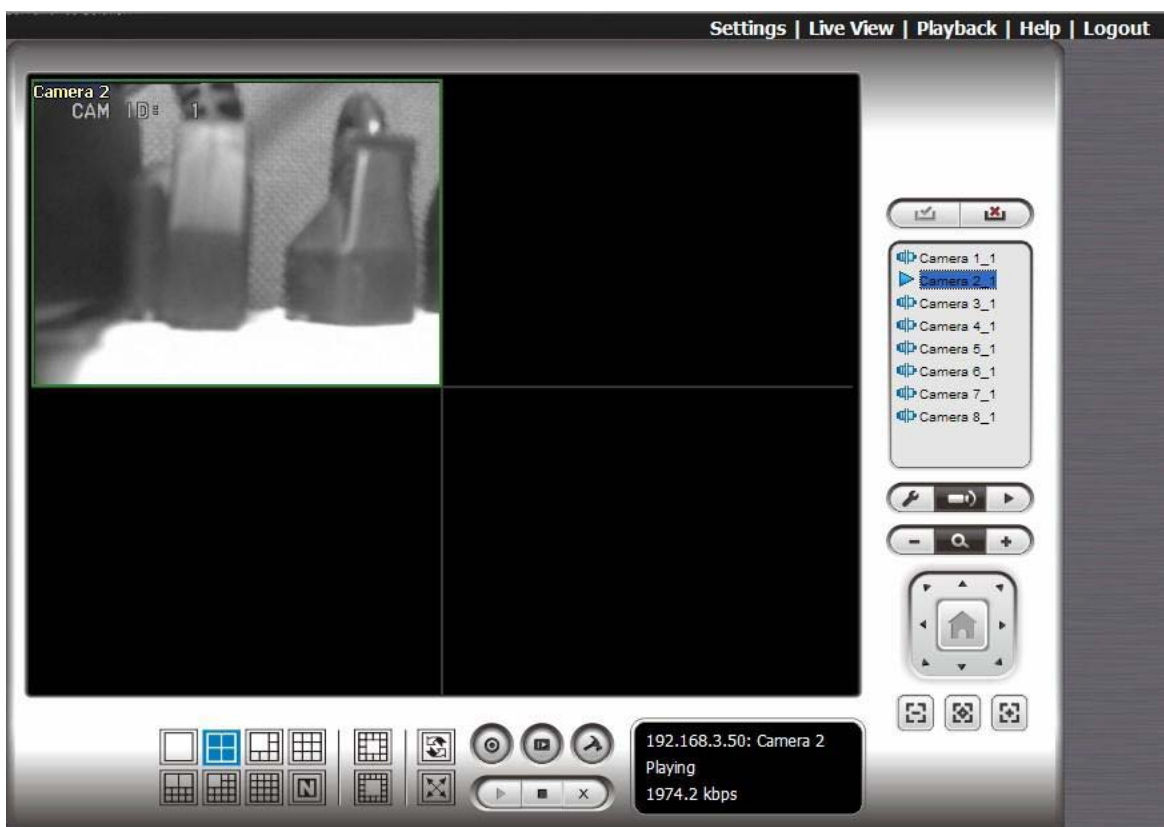
- License Activation:** Includes 'Activation Type' with 'Online' selected and 'Offline' unselected. Below it, 'S/N Type' is set to 'Input S/N:' with a text box containing 'XXXX-XXXX-XXXX-XXXX'. An 'Activate' button is present.
- Offline License File Import:** Includes 'S/N Type' with 'Import license file:' and a 'Browse...' button. An 'Import' button is present.
- License List:** A table with columns 'S/N', 'Channel', and 'Status'. The table is currently empty, showing the message 'There are no licenses yet.'

Licenca će se nadograditi i biti prikazana u Listi licenci.
Sistem će se resetovati automatski.

The screenshot shows the 'License List' interface with a table containing one row of data:

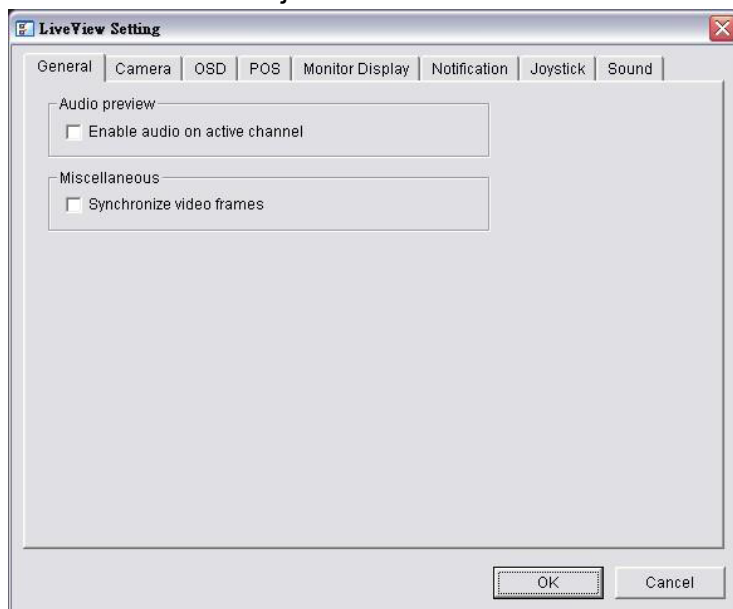
S/N	Channel	Status
XXXX-XXXX-XXXX-XXXX	2	Activated

LIVE VIEW – PREGLED UZIVO



Podešavanje

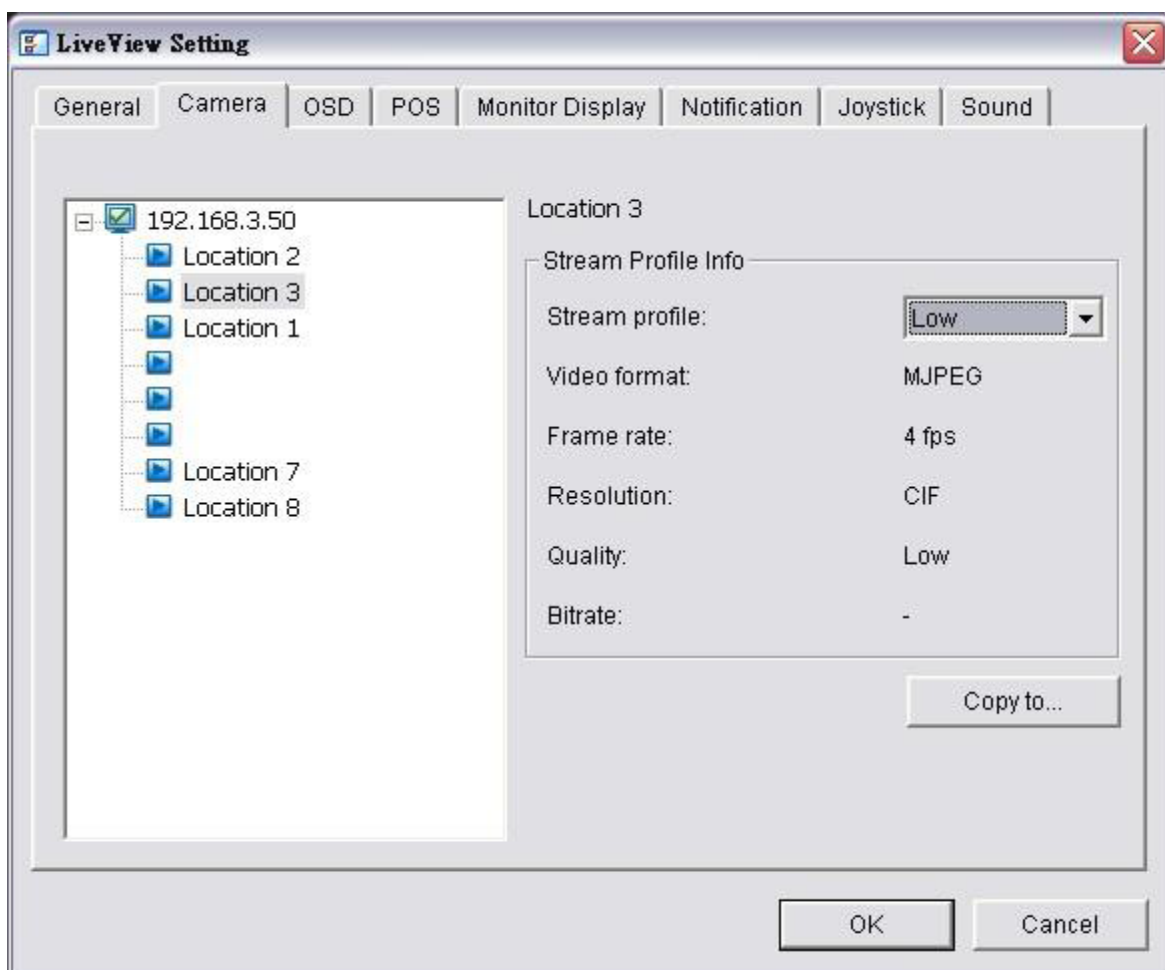
1. Kliknite na Live View dugme
2. Kliknite na General Setting dugme
3. Kliknite na General jezičak



4. Označite Enable audio an active channel ako želite omogućiti zvuk na aktivnom kanalu
5. Označite Synchronize video frames da bi sprečiti seckanje pri velikim opterećenjima CPU.
6. Kliknite na OK

PODEŠAVANJE stream profila

- 1.Kliknite na General setting dugme
- 2.Kliknite na Camera jezičak



Podesite stream profil za svaku kameru kojoj je ta opcija omogućena u **PODEŠAVANJIMA** kamere.

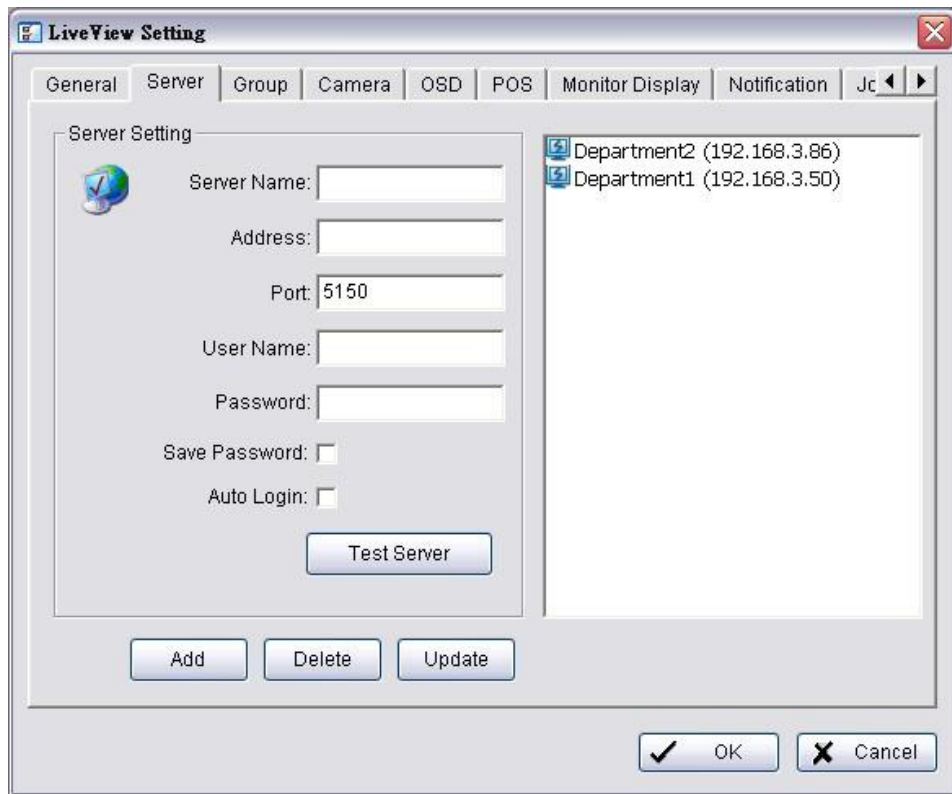
REMOTE LIVE VIEWER APPCICATION (Aplikacija za daljinski pregled)



Izgleda klasično kao i ostali NUUO IP+ software.

PODEŠAVANJE

1. Kliknite na Startup > NUUO NVRmini > Remote Live Viewer
2. Kliknite na General Setting dugme (simbol čekića)
3. Kliknite na Server jezičak
4. Upišite ime uređaja
5. Upišite IP adresu
6. Upišite korisničko ime
7. Upišite lozinku
8. Obeležite Save Password / Auto login opciju
9. Kliknite na Test server dugme kako bi testirali konekciju
10. Kliknite na Add dugme za dodavanje uređaja u listu
11. Kliknite na OK dugme



Nakon izvršenih podešavanja, možete pristupiti Remote Live Viewer (daljinski živi pregled) tako što ćete:

1. Startup > NUUO NVRmini > Remote Live Viewer
2. Kliknite na uređaj kome želite pristupiti
3. Kliknite na LOG IN dugme
4. Odaberite kameru sa desne liste koju želite videti i prevucite je mišem levo na mesto na koje želite



PLAYBACK (REPRODUKCIJA)

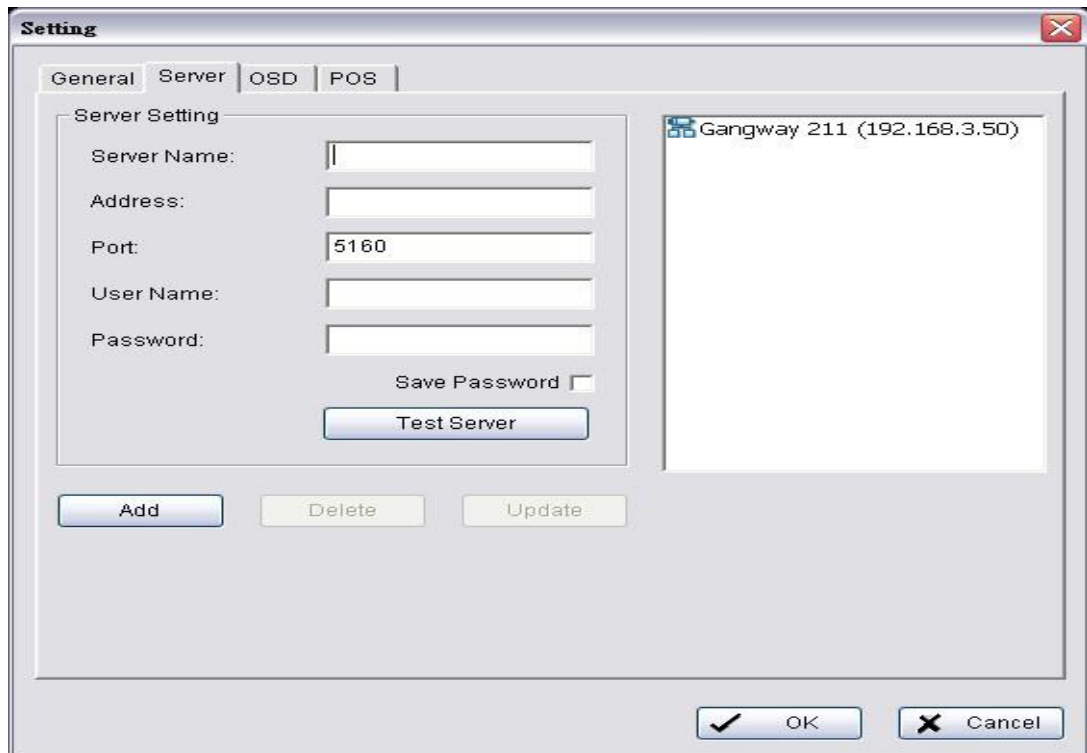
Plejbek možemo izvršiti na dva načina: preko Internet Explorera ili pomoću Programa za Playback.

(Ukoliko se vrši preko Internet Explorera (7 i noviji), potrebno je sačekati nekoliko sekundi (samo prvi put), da se skinu potrebne aktiv X kontrole)



Pre nego što počnemo sa korištenjem aplikacije za Playback, moramo izvršiti Podešavanje konekcije na sledeći način:

1. Kliknite na Startup > NUUO NVRmini > Playback System
2. Kliknite na Greneral Setting dugme
3. Kliknite na Server jezičak

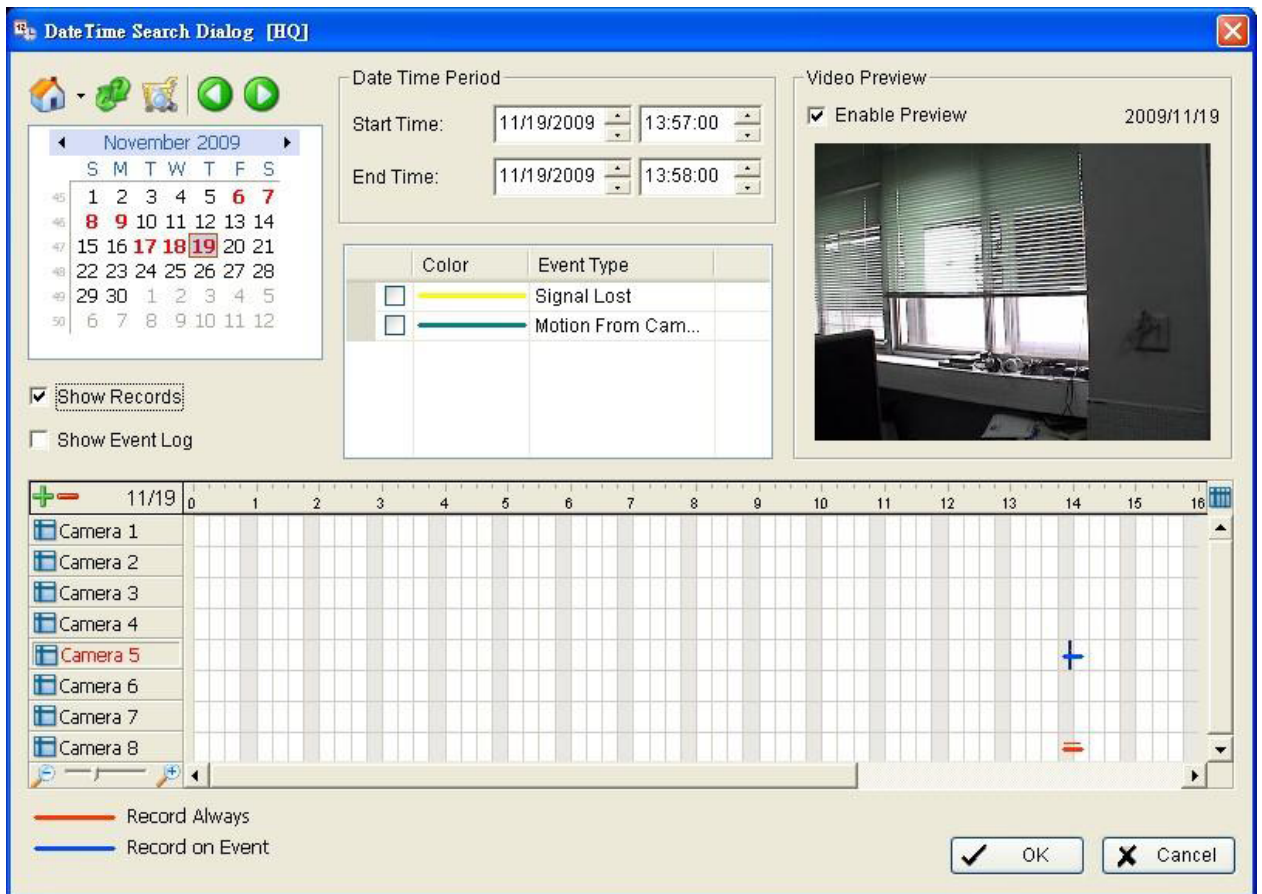


4. Upišite ime uređaja
5. Unesite IP adresu
6. Ispravite port (AKO je to potrebno)
7. Upišite korisničko ime
8. Upišite lozinku
9. Obeležite Save Password opciju
10. Kliknite Test Server dugme kako bi testirali konekciju
11. Kliknite na Add dugme
12. Kliknite na OK dugme

Nakon toga možete početi sa korištenjem Aplikacije za Playback System
Pokrenite aplikaciju, kliknite na OPEN RECORD dugme (ikonica u obliku sata)



Kliknita na ikonicu u obliku strelice kraj kućice u gornjem levom ćošku, da bi izabrali server kojem želite pristupiti



Mišem odaberite datum, kameru i vremenski period koji želite pogledati. Kliknite na OK.

SAVE A VIDEO (SNIMANJE VIDEO ZAPISA)

Nakon što ste odabrali video zapis na gore opisan način, sa Cue In i Cue Out dugmetom odaberite početak i kraj video zapisa koji želite sačuvati.



Cue in Cue Out



< --- Kliknite da Export Video/Audio dugme

1. Odaberite folder gde želite snimiti videozapis
2. Upišite ime video zapisa
3. Odaberite format (AVI ili ASF), **PREPORUČENO JE ASF** jer daje bolji kvalitet snimka
4. Odaberite neki od predloženih profila
5. Obeležite ako želite snimanje Zvuka, OSD i POS transakcija uz video zapis
6. Kliknite na OK.

BACKUP the Recorded Video

Za razliku od Save Video funkcije, Backup funkcija će snimiti SVE snimljene videozapise koji pripadaju odabranom vremenu a ne samo deo zapisa.