

SAMSUNG TECHWIN

**32 KANALA/
64 KANALA NVR**

Korisničko Uputstvo

SRN-6450/3250
SNR-6400/3200



SAMSUNG



32 KANALA/ 64 KANALA NVR Korisničko Uputstvo

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- Data loss due to a damaged hard disk
- If the system behaves abnormally because you run a program irrelevant to the system operation.
- Data loss due to virus infection
- Deteriorated performance or natural worn-out in process of time
- Sensory phenomenon that does not affect the performance or quality of the product (ex: working noise).

❖ **Design and specifications are subject to change without prior notice.**

❖ **The default password can be exposed to a hacking thread so it is recommended to change the password after installing the product.**

Note that the security and other related issues caused by the unchanged password shall be responsible for the user.

Predgovor

Hvala vam što ste odabrali Samsung mrežni video rekorder (Disk plejer).

Ovo uputstvo za korišćenje obezbeđuje detaljne informacije i instrukcije za NVR mrežne DVR proizvode. Molimo vas da u potpunosti pročitate ovo uputstvo i dodatni dokumenat(e) pre nego što pokušate da instalirate i/ili koristite proizvod.

Sadržaj ovog uputstva, kao i softver i hardver objašnjeni ovde, su zaštićeni zakonom o zaštiti autorskih prava. Sva kopiranja, ponovna štampanja i prevođenje na druge jezike dela ili celog sadržaja ovog uputstva za korišćenje, bez dozvole Samsung Techwin Co., Ltd. su strogo zabranjena osim za fer upotrebu u okviru zakona o zaštiti autorskih prava.

Specifikacija proizvoda se može promeniti bez prethodnog obaveštenja radi poboljšanja proizvoda.

Garancija za proizvod i ograničena odgovornost

Proizvođač ovog proizvoda nije odgovoran za prodaju proizvoda, niti proizvođač delagira takvu odgovornost trećoj strani. Garancija za proizvod ne važi za bilo koji nesrećni slučaj, nepažnju, modifikaciju ili nepravilno korišćenje proizvoda. Pored toga, garancija ne pokriva bilo kakve komponente ili delove koji nisu snabdeveni od strane proizvođača ovog proizvoda.

Garancija za proizvod važi tri godine od datuma kupovine. Međutim, garancija ne pokriva nijedan od sledećih problema, a nominalna cena usluge će biti naplaćena ukoliko:

- je proizvod nepravilno korišćen ili upotrebljavan od strane korisnika.
- je proizvod rastavljan i/ili modifikovan od strane korisnika.
- je proizvod oštećen povezivanjem napajanja sa neodgovarajućim specifikacijama.
- je proizvod oštećen usled "Više sile" (požara, poplave, cunamija, prirodne katastrofe, itd.)
- Za zamenu potrošnih komponenti: HDD-a, ventilatora, itd. (Garancija za HDD i ventilator važi godinu dana od datuma kupovine.)

Ova garancija pokriva samo proizvod koji ste dobili sa garancijom.

Nakon isteka garancije (tri godine), cena usluge će biti naplaćena za bilo kakav pregled i/ili popravku proizvoda. U toku perioda trajanja garancije, cena usluge će biti naplaćena za popravku i/ili pregled proizvoda za bilo kakve probleme koje garancija ne pokriva.

Ovaj proizvod nije protivprovalni ili protivpožarni uređaj; proizvođač nije odgovoran za bilo kakvu štetu načinjenu imovini ili osoblju do koje može doći prilikom korišćenja.

Ovaj proizvod treba da instalira obučeno i iskusno osoblje; samo-instaliranje od strane korisnika je zabranjeno. Samo-instaliranje od strane korisnika može da dovede do požara, smrtonosnog strujnog udara i/ili kvara proizvoda. Molimo vas da kontaktirate svog lokalnog prodavca za pomoć oko instaliranja proizvoda.

Sadržaj ovog uputstva se može promeniti radi saglasnosti sa ažuriranjem firmvera i/ili softveru. Takođe, specifikacije i/ili dizajn ovog proizvoda se mogu promeniti bez prethodnog obaveštenja radi poboljšanja proizvoda

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1. Poglavlje - Pregled

Ovaj digitalni video plejer plus disk plejer poseduju HDD skladište i mogućnosti za reprodukciju 64/32 kanala digitalnog videa.

Podešavanje ovog rekordera je jednostavno; možete da koristite tastere na prednjem delu proizvoda, ili da se povežete za proizvod na daljinu preko mreže.

Sa proverenim performansama i pouzdanošću, NVR je samo-dovoljan video rekorder i idealan je za digitalno skladištenje video dotoka za nadgledanje sistema banaka, stambenih zgrada i javnih kancelarija koje zahtevaju visok sigurnosni nivo. Obzirom da je video uskladišten na hard disku, ne dolazi do gubitka kvaliteta slike zbog ponovljene reprodukcije iz skladišta medija. Osim toga, obzirom da su svi video podaci uskladišteni kao digitalni fajlovi, lako je i brzo je pretražiti ih.

Ovaj video rekorder visoke rezolucije poseduje veliki kapacitet za skladištenje i poseduje širok spektar jednostavnih opcija za korišćenje kao što su: Mogućnosti za simultano snimanje i reprodukciju, detekcija pokreta, PTZ (pan, nagib, zum) kontrola, lozinka, snimanje zvučnih podataka u realnom vremenu, zgodnu dozvolu za pristup podešavanju korišćenjem Zaključavanja tastera i održavanje do 10 000 spiskova događaja i dnevnika.

1.1. Bezbedonosni preduslovi



Upozorenje

Sledeće informacije ili uputstvo su vitalni za bezbednost korisnika; molimo vas da ga pročitate u potpunosti kako biste izbegli ozbiljnu povredu ili smrt.

❖ Instaliranje proizvoda

- ✓ Molimo vas da proverite električni priključak za napajanje (AC 100V~240V) pre nego što povežete napajanje sa priključkom.
- ✓ Proverite da je proizvod isključen pre nego što ga instalirate.
- ✓ Da biste izbegli rizik od električnog šoka i/ili požara nemojte da instalirate proizvod u vlažnom području.
- ✓ Proizvod mora biti uzemljen da bi se smanjio rizik od električnog šoka.

❖ Upotreba proizvoda

- ✓ Otvaranje ili ukljanjanje kućišta proizvoda će vas izložiti riziku od električnog šoka; ne otvarajte i ne skidajte kućište osim ukoliko niste kvalifikovani tehničar.
- ✓ Da biste sprečili električni požar, ne povezujte višestruke kablove za napajanje za jedan priključak.
- ✓ Ne stavljajte teške predmete ili posuđe sa vodom na uređaj jer to može da dovede do ozbiljnih kvarova.
- ✓ Ne koristite ovu jedinicu na lokaciji koja sadrži propan gas, gasolin ili druge zapaljive supstance kako biste izbegli rizik od eksplozije ili požara.
- ✓ Da biste izbegli rizik od električnog šoka, ne dirajte priključak za napajanje vlažnim rukama.
- ✓ Proverite da nikakav materijal koji je električni provodnik ne dospe u ventilacioni otvor.
- ✓ Ne povlačite priključak za napajanje koristeći bilo kakvu silu; oštećen priključak može da dovede do električnog šoka ili požara.

❖ Rasklapanje i čišćenje proizvoda

- ✓ Postoji rizik od kvara, šoka ili drugih opasnosti. Nemojte da sami rasklapate, pokušavate da popravite ili modifikujete proizvod.
- ✓ Ne čistite proizvod vodom, razređivačem za boje ili drugim organskim rastvaračima jer to može da dovede do kvara proizvoda i/ili električnog šoka. Kada čistite proizvod, koristite suhu krpu da obrišete spoljašnjost uređaja.



Oprez

Nepravilno korišćenje ili pogrešna operacija uređaja mogu da dovedu do povrede ili da oštete uređaj. Ukazuje da treba biti oprezan prilikom rada.

❖ Instaliranje proizvoda

- ✓ Kada instalirate proizvod, molimo vas ostavite najmanje 15 cm prostora između ventilacionog otvora i zida radi odgovarajućeg rasipanja toplote.
- ✓ Da biste sprečili povređivanje korisnika i oštećenje proizvoda, molimo vas da instalirate proizvod na ravnoj površini gde neće biti rizika da proizvod padne.

- ✓ Izbegavajte instaliranje u području gde će proizvod biti izložen vrućini ili direktno suncu; to može da dovede do deformacije i/ili oštećenja proizvoda.
- ✓ Prilikom instalacije kućišta vodite računa o radnoj temperaturi i vlažnosti vazduha u okolini instalacije, u skladu sa specifikacijama proizvoda (pogledajte Dodatak).

❖ Korišćenje proizvoda

- ✓ Izbegavajte šok ili vibracije kada koristite ili pomerate uređaj.
- ✓ Ne pomerajte proizvod dok radi; ne izlažite proizvod jakim udarcima i ne bacajte proizvod.
- ✓ Ukoliko proizvodu želite da dodate hard disk, molimo vas da kontaktirate svog prodavca; dodavanje nepreporučenog hard diska može da dovede do nepravilnog funkcionisanja proizvoda.
- ✓ Svojevoljno dodavanje hard diska proizvodu će vašu garanciju za proizvod učiniti nevažećom.
- ✓ Ovaj proizvod nije protivprovalni ili protivpožarni uređaj; proizvođač nije odgovoran za bilo kakvu štetu načinjenu imovini ili osoblju do koje može doći.



Oprez

Samsung Techwin preporučuje da instalirate UPS (Neprekidni dovod energije) sa svim proizvodima za snimanje ove kompanije.

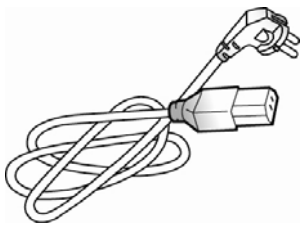
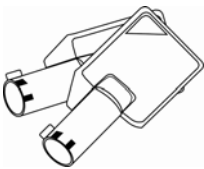
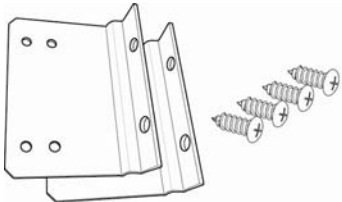
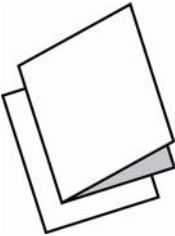
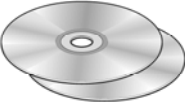
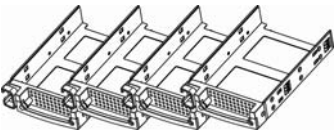


Samsung Techwin brine o prirodnoj okolini tokom svih koraka proizvodnje i preduzima određene korake da bi kupcima obezbedili proizvode koji manje štete prirodnoj okolini.

Eco oznaka predstavlja želju kompanije Samsung Techwin da proizvodi proizvode koji ne štete prirodnoj okolini i ukazuje da proizvod zadovoljava direktivu EU RoHS.

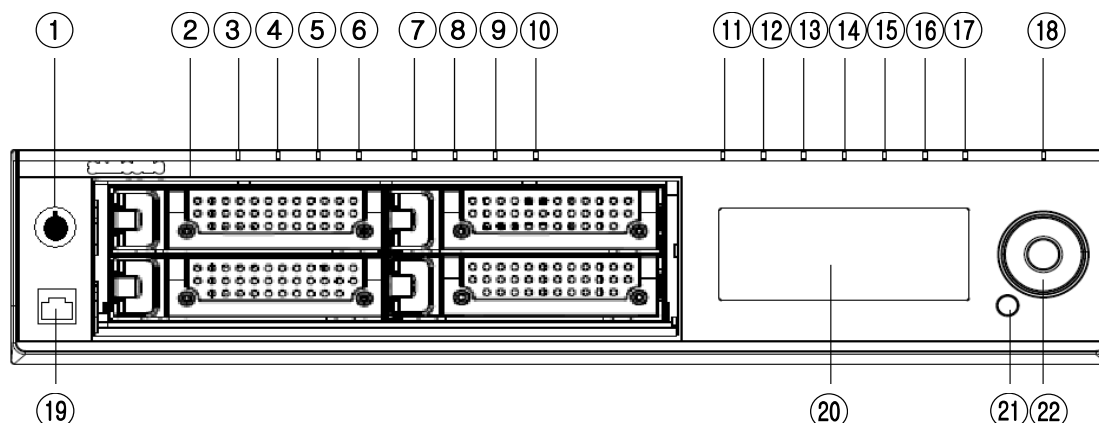
1.2. Sadržaj proizvoda

Sadržaji ovog proizvoda su kao što je prikazano ispod.

 Kabl za struju	 Ključ	 Polica za montiranje i zavrtnji za montiranje
 Zavrtnji za HDD sklop	 Uputstvo za korišćenje	 Vodič za brzo korišćenje
 NET-I Viewer/Uputstvo za korišćenje CD	 Ukršteni kabl	 HDD jezičak (4EA)

2. Poglavlje - Nazivi delova

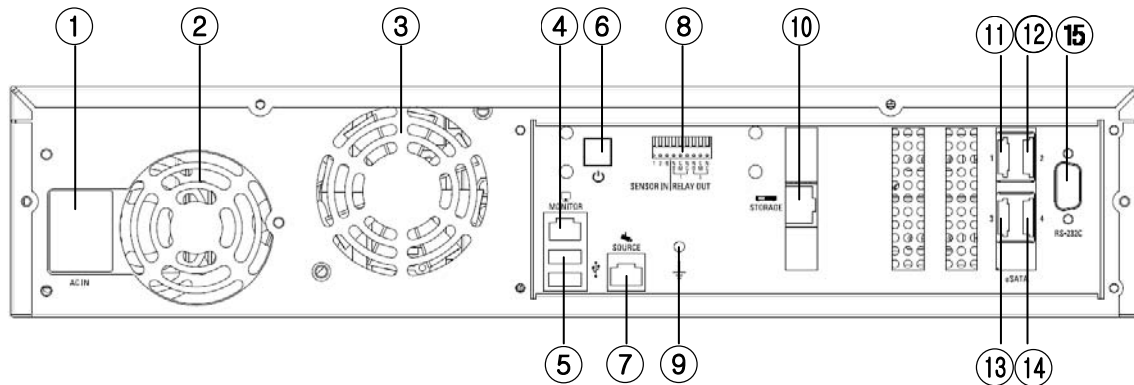
2.1. Prednji panel



Br.	Naziv	Funkcija
1	Key Lock	Potpuno okretanje ključa aktivira bravu, tako da se tasterima na prednjem panelu ne može pristupiti i vrata police za HDD se ne mogu otvoriti.
2	SATA-Bracket	Prima hard diskove za skladištenje snimljenog video zapisa. Do četiri hard diska se mogu namontirati. Montirani HDD-ovi su poznati kao unutrašnji HDD1 (gornji levi), unutrašnji HDD2 (gornji desni), unutrašnji HDD3 (donji levi) i unutrašnji HDD4 (donji desni).
3	Internal HDD1	Plavi indikator znači da je unutrašnji HDD1 instaliran i da funkcioniše normalno. Crveni indikator znači da unutrašnji HDD1 ne funkcioniše pravilno.
4	Internal HDD2	Plavi indikator znači da je unutrašnji HDD2 instaliran i da funkcioniše normalno. Crveni indikator znači da unutrašnji HDD2 ne funkcioniše pravilno.
5	Internal HDD3	Plavi indikator znači da je unutrašnji HDD3 instaliran i da funkcioniše normalno. Crveni indikator znači da unutrašnji HDD3 ne funkcioniše pravilno.
6	Internal HDD4	Plavi indikator znači da je unutrašnji HDD4 instaliran i da funkcioniše normalno. Crveni indikator znači da unutrašnji HDD4 ne funkcioniše pravilno.
7	EXTERNAL HDD1	Plavi indikator znači da je spoljašnji HDD povezan za poledinu eSATA Porta1 i da funkcioniše normalno. Crveni indikator znači da spoljašnji HDD1 ne funkcioniše pravilno.
8	EXTERNAL HDD2	Plavi indikator znači da je spoljašnji HDD povezan za poledinu eSATA Porta2 i da funkcioniše normalno. Crveni indikator znači da spoljašnji HDD2 ne funkcioniše pravilno.

Br.	Naziv	Funkcija
9	EXTERNAL HDD3	Plavi indikator znači da je spoljašnji HDD povezan za poledinu eSATA Porta3 i da funkcioniše normalno. Crveni indikator znači da spoljašnji HDD3 ne funkcioniše pravilno.
10	EXTERNAL HDD4	Plavi indikator znači da je spoljašnji HDD povezan za poledinu eSATA Porta4 i da funkcioniše normalno. Crveni indikator znači da spoljašnji HDD4 ne funkcioniše pravilno.
11	REC	Crveni indikator znači da je proizvod u režimu za snimanje.
12	ALARM	Plavi indikator znači da se pojavio događaj u Ulaznoj grupi.
13	ERROR	Crveni indikator znači da proizvod ne funkcioniše pravilno.
14	RAID	Plavi indikator znači da proizvod radi u RAID režimu.
15	LINK/ACT1	Treperući plavi indikator znači da je mrežni kabl pravilno povezan za Ethernet Port monitora i komunikacija podataka se pravilno odigrava.
16	LINK/ACT2	Treperući plavi indikator znači da je mrežni kabl pravilno povezan za Ethernet Port izvora i komunikacija podataka se pravilno odigrava.
17	LINK/ACT3	Treperući plavi indikator znači da je mrežni kabl pravilno povezan za Ethernet Port skladišta i komunikacija podataka se pravilno odigrava.
18	POWER	Crveni indikator znači da je proizvod uključen.
19	Config Ethernet Port	Koristi se za povezivanje proizvoda za kompjuter za konfiguraciju sistema.
20	LCD Panel	Panel prikazuje trenutni status proizvoda; takođe može da se upotrebi za promenu konfiguracije sistema okolnim tasterima.
21	ESC Button	Ovaj taster se koristi da promeni konfiguraciju sistema. 'Chapter 5 LCD Setup' (Poglavlje 5 LCD podešavanje) pokriva detaljno njegovu upotrebu.
22	Direction Button Enter Button	Ovaj taster se koristi da promeni konfiguraciju sistema. 'Chapter 5 LCD Setup' (Poglavlje 5 LCD podešavanje) pokriva detaljno njegovu upotrebu.

2.2. Zadnji panel



Br.	Naziv	Funkcija
1	AC IN	Služi da poveže kabl za napajanje proizvoda.
2	SMPS FAN	Ovaj ventilator hladi napajanje.
3	DC FAN	Ovaj ventilator hladi unutrašnjost proizvoda.
4	Monitor Ethernet Port	Mrežni port koji dozvoljava proizvodu da se poveže za kompjuter kako bi koristio Internet pregledač.
5	USB Port	Služi za ažuriranje firmver verzije proizvoda.
6	Power Button	Uključuje ili isključuje proizvod.
7	Source Ethernet Port	Mrežni port koji povezuje proizvod sa video kamerom.
8	SENSOR IN / RELAY OUT	Služi za povezivanje senzora ili alarma.
9	GROUND	Terminal koji se koristi da uzemlji okvir za spoljašnji uređaj.
10	Storage Ethernet Port	Služi da poveže NAS (mrežno priloženo skladište) u okviru iste mreže.
11	eSATA Port1	Služi da poveže spoljašnji HDD.
12	eSATA Port2	Služi da poveže spoljašnji HDD.
13	eSATA Port3	Služi da poveže spoljašnji HDD.
14	eSATA Port4	Služi da poveže spoljašnji HDD.
15	RS232C Port	Nekorišćen terminal.

2.3. Standardna podešavanja

Slede fabrička standardna podešavanja za proizvod.

2.3.1. Stranica za nadgledanje

Glavni meni	Pod meni	Standardno podešavanje
Auto sekvenca (Auto Sequence)		Isključeno
Režim za prikaz		Prikaz 16 kanala
Grupa		1
Kanal (Channel)		1
Info		Uključeno
DIT		Isključeno
PT, ZF		PT aktiviran
Prikaz preko ekrana (OSD)		Isključeno
Brzina PTZ-a		3

2.3.2. Stranica za reprodukciju

Glavni meni	Pod-meni	Standardno podešavanje
Vreme	Kanal (Channel)	-
	Kalendar	-
	Vreme	-
Događaj	Tip događaja	-
	Kanal (Channel)	-
	Datum/vreme	-

2.3.3. Stranica za konfiguraciju

❖ Podešavanje snimanja

Glavni meni	Pod meni	Standardno podešavanje
Konfiguracija za normalno snimanje		Svi frejmovi
Konfiguracija snimanja događaja	Ulazna grupa Aktivno Neaktivno Vreme pre snimanja Vreme posle snimanja	sopstveni događaj Svi frejmovi I frejmovi 5 sek 5 sek
Snimanje (Record)	Taster Tabela sa vremenom	Normalno snimanje odabrano Uvek normalno snimanje

❖ Podešavanje događaja

Glavni meni	Pod meni	Standardno podešavanje
Lokalni tip senzora	Senzor1 Senzor2	Normalno otvoreno Normalno otvoreno
Grupa događaja	Ulazna grupa Izlazna grupa Akciona grupa	- - -

❖ **Podešavanje kamere**

Glavni meni	Pod meni	Standardno podešavanje
Spisak kanala	Otvorite spisak kanala Odaberite kanal	Ch1 ~ Ch16 Ch01
Podešavanje kanala	Onemogući/omogući Naziv kanala Model Tip konekcije IP Konekcioni port ID Lozinka Tip slike ATC režim Kvalitet video zapisa Rezolucija video zapisa Broj frejmova video zapisa	Onemogući Ch01, Ch02, Ch03, ... - Statički IP 0.0.0.0 4000 - - MPEG Isključeno Visoko D1 10

❖ **Podešavanje HDD-a**

Glavni meni	Pod meni	Standardno podešavanje
HDD	Ponovi snimanje	Uključeno
Automatsko brisanje	Mod	Isključeno
	Trajanje	180
RAID režim		Normalno
Konfiguracija NAS-a	Nas Port Upotreba Naziv Standardni folder IP ID Lozinka	Nas1 Onemogući - - 0.0.0.0 - -

❖ **Podešavanje mreže**

Glavni meni	Pod meni	Standardno podešavanje
Ethernet Port monitora	Tip konekcije IP adresa Subnet maska Mrežni prolaz (Gateway) Konekcionni port Http Port ATC režim	Statički IP 0.0.0.0 0.0.0.0 0.0.0.0 4000 80 Onemogući
DDNS	Upotreba Domen servera ID Lozinka	Onemogući www.samsungipolis.com - -
Ethernet Port izvora	Tip konekcije IP adresa Subnet maska Mrežni prolaz (Gateway)	Statički IP 0.0.0.0 0.0.0.0 0.0.0.0
Izvor DHCP servera	Upotreba IP opseg	Onemogući 0.0.0.0 ~ 0.0.0.0
Ethernet Port za skladištenje	Tip konekcije IP adresa Subnet maska Mrežni čvor (Gateway)	Statički IP 0.0.0.0 0.0.0.0 0.0.0.0
DNS	DNS1 DNS2	168.126.63.1 168.126.63.2
RTP/RTSP	Upotreba RTSP-a RTSP port RTP port Multicast (višestruko slanje) Multicast Address (Adresa višestrukog slanja)	Onemogući 554 4000 Onemogući 224.0.1.1
Email	Naziv SMTP servera Upotrebi autentizaciju ID Lozinka Pošalji email na	- Da - - -

❖ Podešavanje vremena

Glavni meni	Pod meni	Standardno podešavanje
Konfiguracija vremena	Format datuma Format vremena Vremenska zona Upotrebi DST	mm.dd.yy (mm.dd.gg) 24h (GMT 00:00) Srednje vreme po Griniču Onemogući
NTP	Upotrebi klijenta Upotrebi server Adresa javnog servera1 Adresa javnog servera2 Adresa javnog servera3 Adresa javnog servera4 Adresa javnog servera5	Onemogući Onemogući pool.ntp.org asia.pool.ntp.org europe.pool.ntp.org north-america.pool.ntp.org time.nist.gov

2.3.4. Sistemska stranica

❖ Korisnik

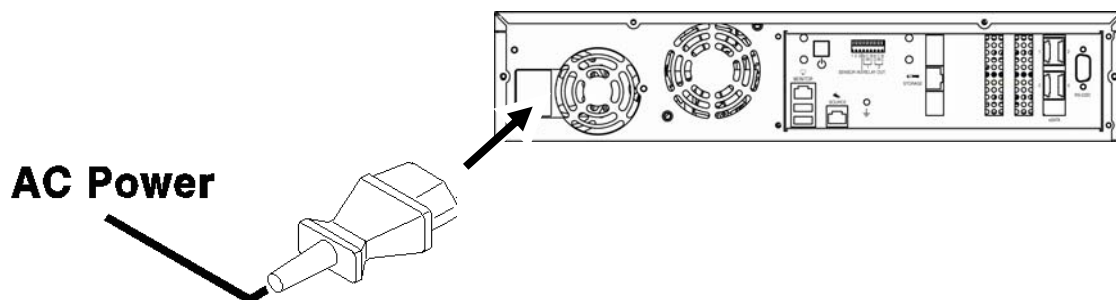
Glavni meni	Pod meni	Standardno podešavanje
Administrator	Lozinka	11111111
Korisnik	ID Lozinka Ovlašćenje	user 22222222 Dozvoljeno je samo nadgledanje.

3. Poglavlje - Instalacija

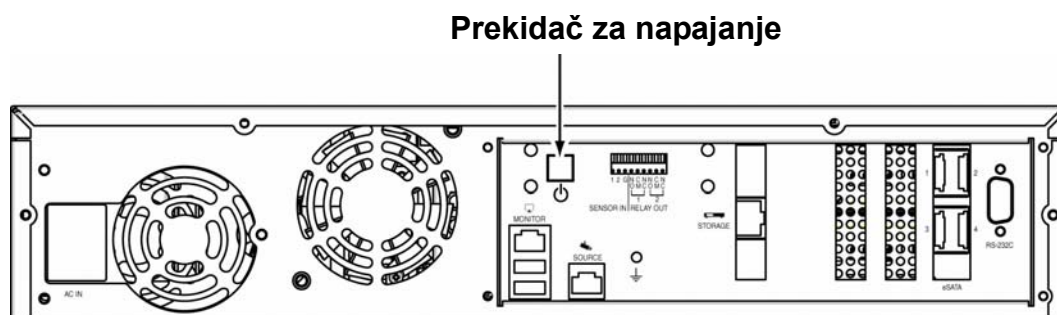
3.1. Instaliranje i povezivanje proizvoda

3.1.1. Napajanje i rad proizvoda

Povežite kabl za napajanje za proizvod kako je prikazano na slici ispod.



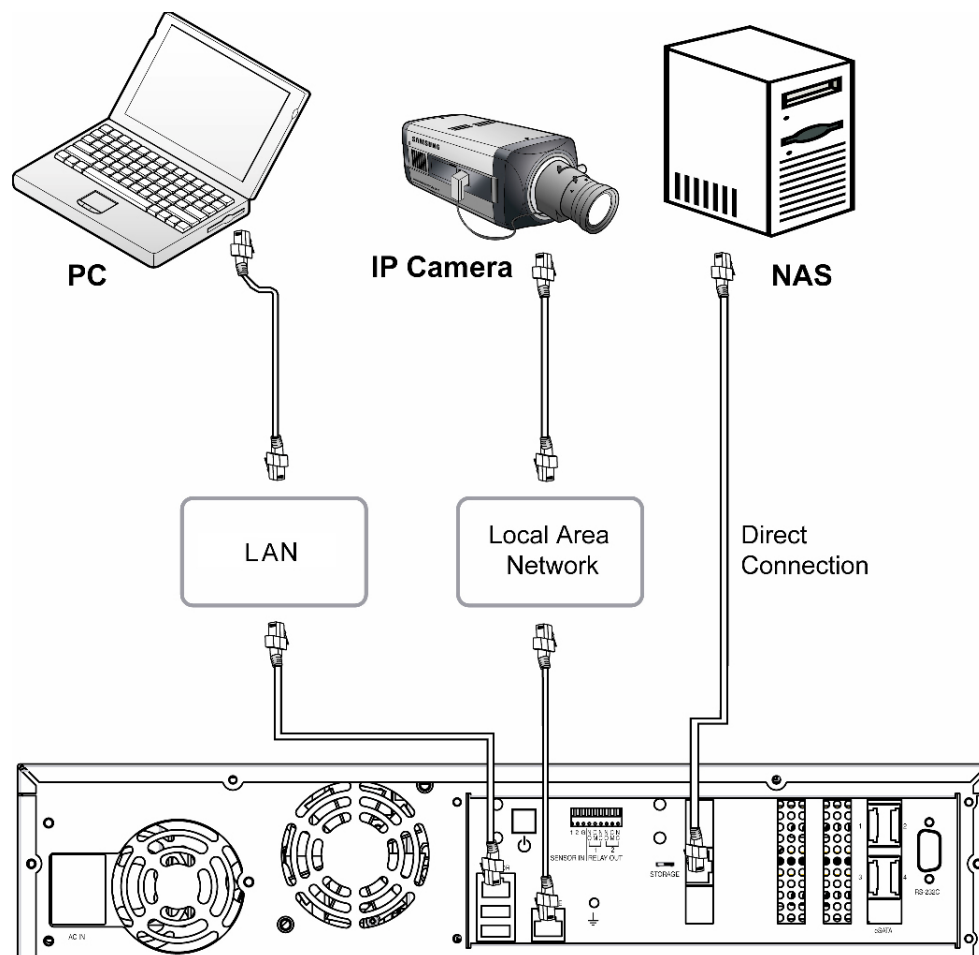
- Kada je kabl za napajanje bezbedno povezan, pritisnite prekidač za napajanje na zadnjem panelu da biste startovali sistem.
- Kada je proizvod uključen, možete da pritisnete prekidač za napajanje na kratko da isključite proizvod.
- Kada se sistem susretne sa greškom i kada ne možete da ga isključite normalno, možete da pritisnete i da držite pritisnut prekidač za napajanje u trajanju od 5 sekundi kako bi primorali system da se isključi.



3.1.2. Konfiguracija mreže

Sledeća slika predstavlja primer mreže korišćenjem NVR. 3 mrežna porta na zadnjem panelu proizvoda su za kompjuter, kameru i NAS (mrežno priključeno skladištenje). Molimo pogledajte "2.2. Zadnji panel".

Mrežni portovi na zadnjem panelu mogu se koristiti za uređaje u okviru iste mreže, ili u različitim mrežama, kako je prikazano na dijagramu radi davanja primera.

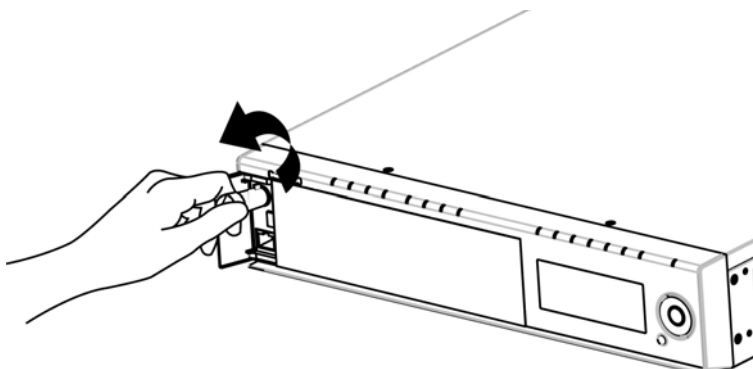


3.1.3. Unutrašnji HDD

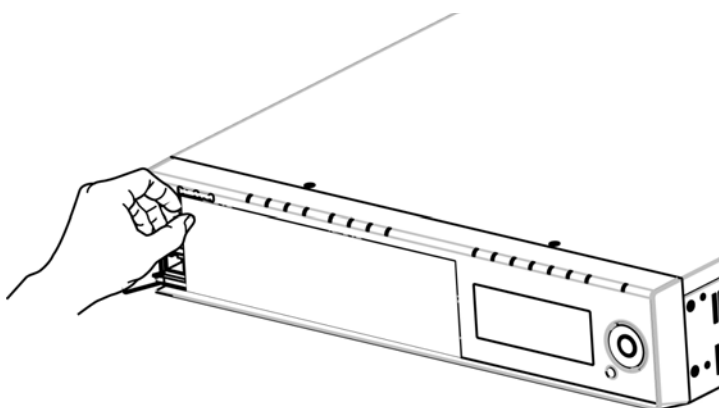
Otvorite HDD policu, kako je prikazano ispod da biste dodali, uklonili ili zamenili unutrašnji HDD.

- ① Pritisnite PUSH (GURNI) ■■ da otvorite Vrata za zaključavanje.

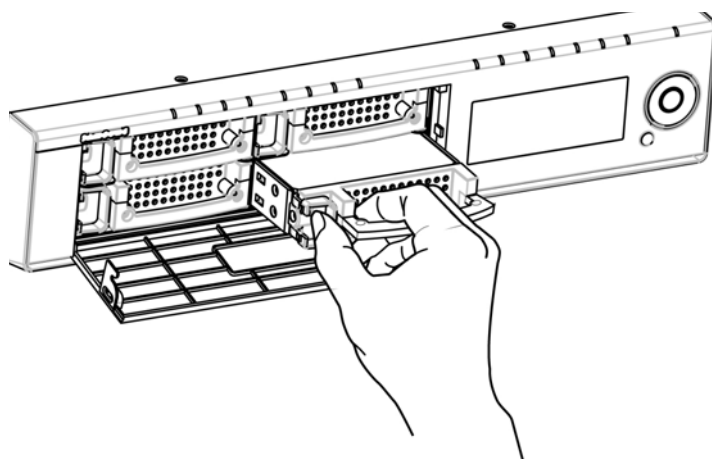
- ② Okrenite bravicu za ključ u smeru suprotnom od smera kretanja kazaljke na satu da otključate.



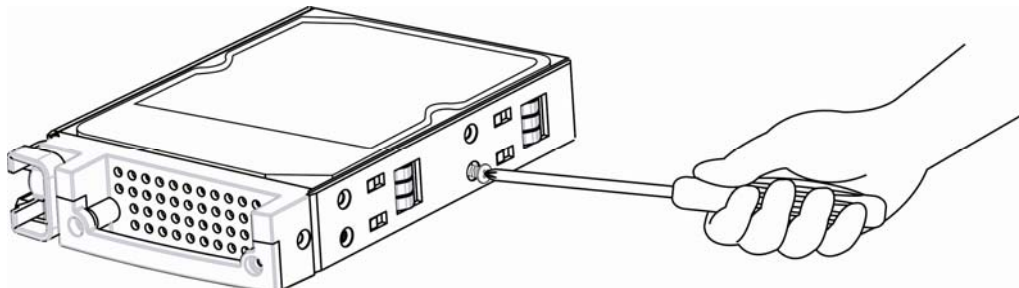
- ③ Otvorite vrata za HDD.



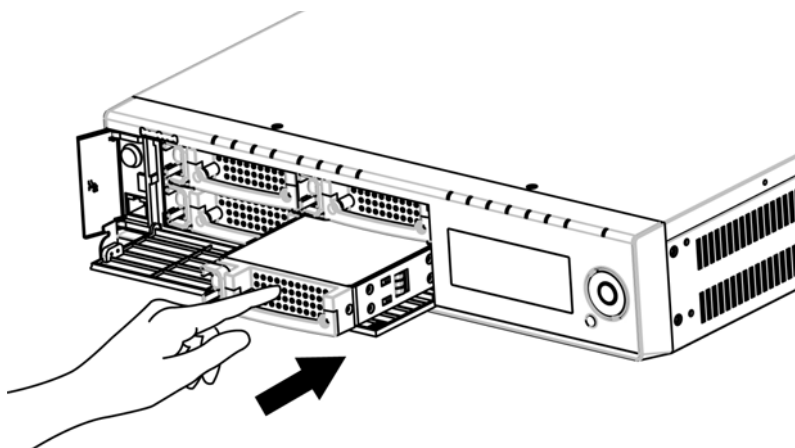
- ④ Dok pritiskate kukicu za HDD naniže, povucite ručicu da izvučete SATA konzolu.



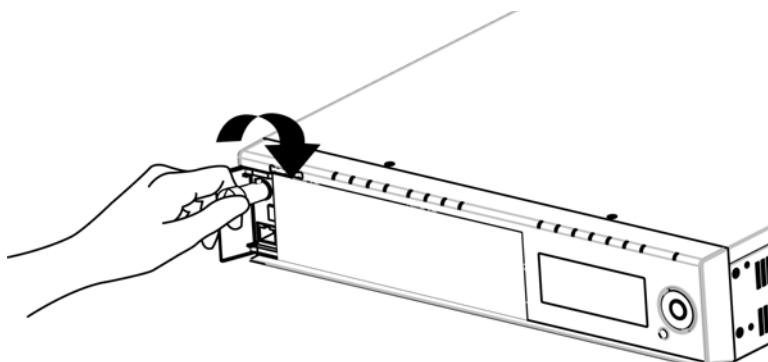
- ⑤ Odvrtite zavrtnje montaže na SATA konzoli pre uklanjanja HDD-a; pričvrstite zavrtnje bezbedno nakon što ubacite HDD u SATA konzolu.



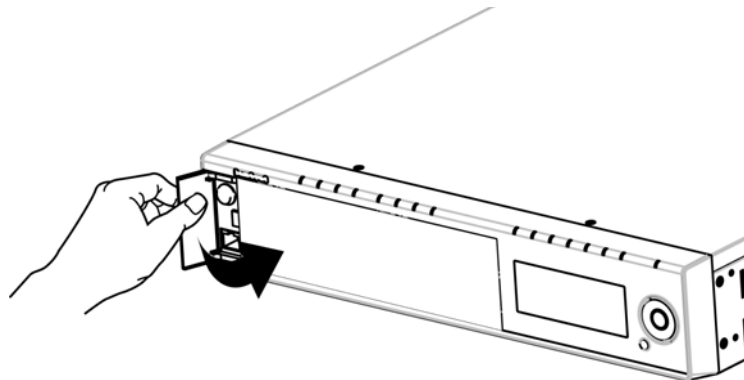
- ⑥ Proverite da je SATA konzola gurnuta unazad do kraja na HDD policu i zatvorite vrata za HDD.



- ⑦ Okrenite bravicu za ključ u smeru kazaljke na satu da zaključate.



- ⑧ Zatvorite vrata za zaključavanje.



- ⑨ Kada dodajete novi, neformatirani HDD, proizvod automatski formatira HDD.

Formatiranje HDD-a
Je u toku...

prikazivanje procesa formatiranja na prednjem LCD-ju.

Unutrašnji HDD [2]
Uspešno dodat!

Nakon završetka procesa formatiranja, poruka iznad pojaviće se na LCD-u zajedno sa plavim indikatorom u svetlećoj diodi HDD-a, ukazujući da je novi HDD spreman za upotrebu.



Napomena

Za spisak kompatibilnih HDD-a, molimo pogledajte “오류! 참조 원본을 찾을 수 없습니다.”.



Oprez

Ne uklanjajte HDD dok proizvod radi. Da biste bezbedno uklonili HDD-e, molimo vas pogledajte "5.4. Uklanjanje HDD-a".



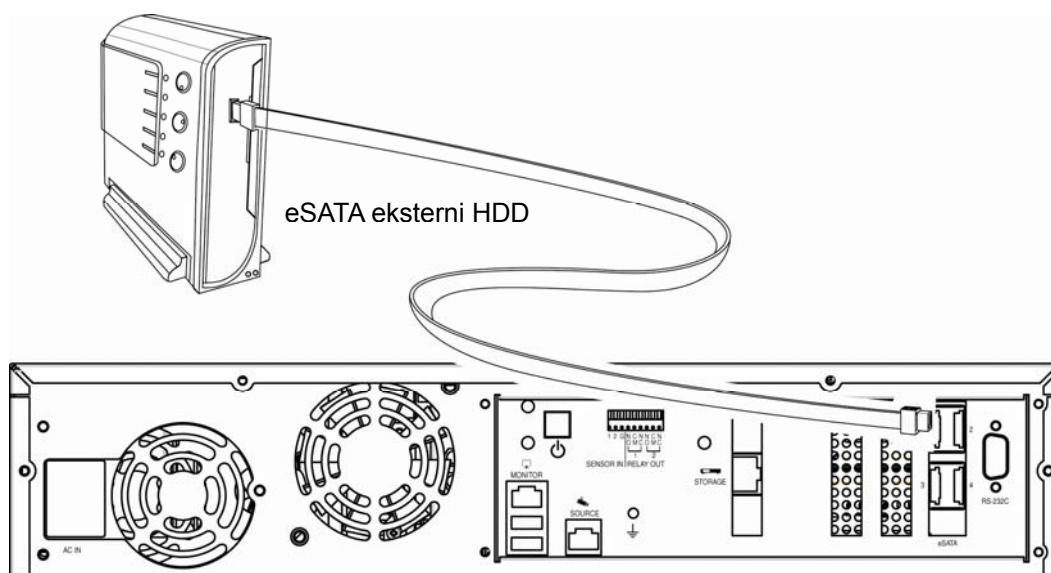
Oprez

Da zaključate vrata HDD-a, molimo vas proverite da je bravica za ključ u potpunosti okrenuta suprotno od smera kretanja kazaljke na satu.

3.1.4. Spoljašnji HDD

NVR podržava eSATA interfejs za povezivanje eksternih uređaja za skladištenje; četiri eSATA porta se nalaze na zadnjem panelu. Proizvod može da ima do 20 TB kapaciteta za skladištenje korišćenjem unutrašnjih HDD-ova i eSATA portova. (Na osnovu kapaciteta od 1TB podataka po HDD-u.)

Eksterni eSATA HDD može da se poveže za eSATA port na zadnjem panelu, kako je prikazano na sledećoj stranici. Imajte u vidu da eSATA port ne dostavlja napajanje uređaju povezanom za njega; eksterni uređaj mora da ima sopstveno napajanje.



Napomena

- Možete da povežete eksterni HDD dok proizvod radi. Međutim, ovo može da dovede do toga da određeni modeli HDD-a ne budu detektovani. Zbog toga, preporučuje se da povežete eksterni HDD prateći korake navedene ispod.
 1. Isključite proizvod.
 2. Povežite eksterni HDD (takođe isključen) za proizvod uz pomoć eSATA interfejs kablova.
 3. Uključite eksterni HDD.
 4. Uključite proizvod.
- eSATA kabl nije uključen sa proizvodom.
- Za spisak kompatibilnih HDD-a, molimo pogledajte "오류! 참조 원본을 찾을 수 없습니다."

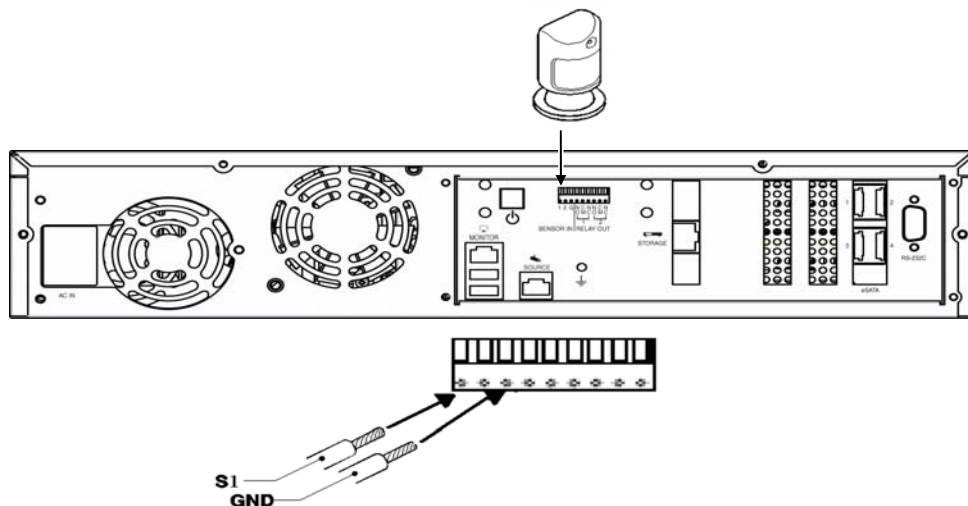
3.1.5. Senzor

Slede specifikacije i radni uslovi za ulaz senzora.

Spec	Broj ulaznih kola	2
	Tipovi ulaza	N.C , N.O
	Podržani tipovi senzora	Senzori sa suvim kontaktom.
	Tip konekcije	Priključite konekcije ogoljene žice za terminalni blok.
Napajanje	DC	150V
	Izlazna struja	Tipično DC 12mA

Molimo vas pogledajte dijagram na sledećoj stranici da biste povezali ulaze za sensor.

Dijagram prikazuje primer senzora sa suvim kontaktom koji je povezan za proizvod.



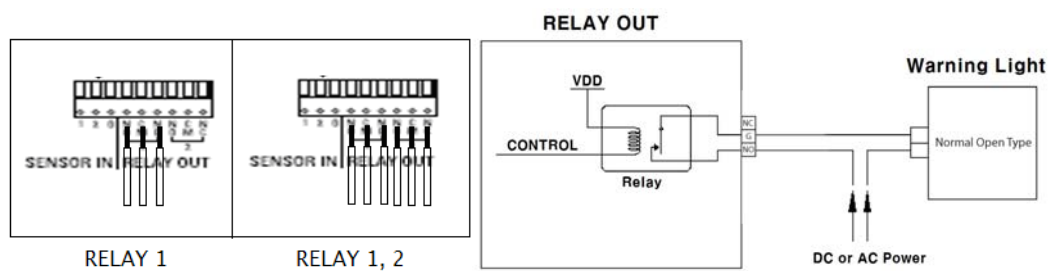
Za detaljna uputstva o povezivanju senzora, molimo pogledajte "4.6.3. Podešavanje događaja".

3.1.6. Releji

Slede specifikacije i radni uslovi za izlaz alarma.

Spec.	Broj ulaznih kola	2 releja
	Tipovi izlaza	Suvi kontakt.
	Tip konekcije	Priključite konekcije ogoljene žice za terminalni blok.
Napajanje	DC	30V 1A
	AC	125V 0.5A

Kada povezujete izlaze releja, najpre odredite attribute uređaja koji (Normalno otvoreno, ili Normalno zatvoreno), a potom povežite uređaj na osnovu dijagrama ispod.



IZLAZ RELEJA 1	NC (NZ)	CM (UO)	NO
Normalno zatvoreno	O	O	-
Uobičajeno	-	O	-
Normalno otvoreno	-	O	O

IZLAZ RELEJA 2	NC (NZ)	CM (UO)	NO
Normalno zatvoreno	O	O	-
Uobičajeno	-	O	-
Normalno otvoreno	-	O	O

Za detaljna uputstva o povezivanju izlaza releja, molimo pogledajte "4.6.3. Podešavanje događaja".

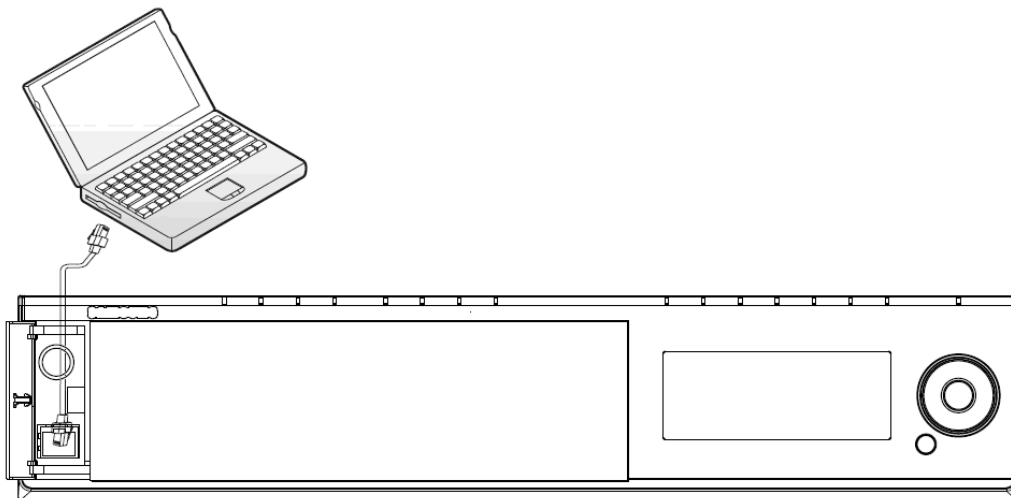
3.1.7. USB

USB portovi na zadnjem panelu se koriste da ažuriraju firmver proizvoda uz pomoć tastera sa prednjeg panela. Molimo pogledajte "5.1.4. Ažuriranje sistema".

3.2. Povezivanje na internet prezentaciju

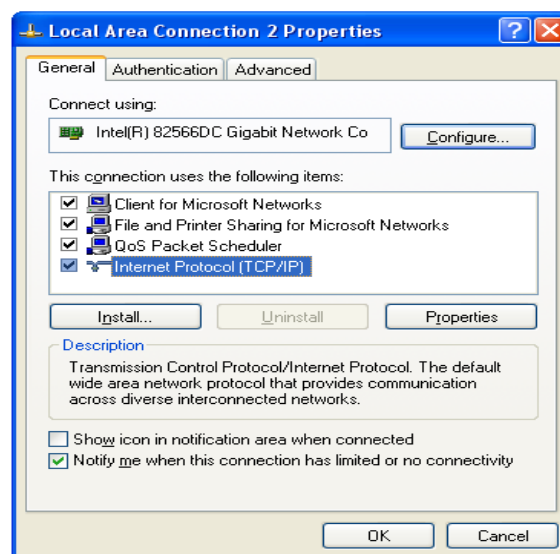
3.2.1. Kabl za povezivanje

Pritisnite PUSH(gurni) na prednjem panelu da otvorite vrata za zaključavanje, a potom povežite PC za mrežni port na prednjem panelu uz pomoć priloženog ukrštenog kabla, kako je prikazano na ilustraciji ispod (Kada koristite glavčinu da povežete proizvod za kompjuter, možete da koristite normalni LAN kabl umesto ukrštenog kabla).

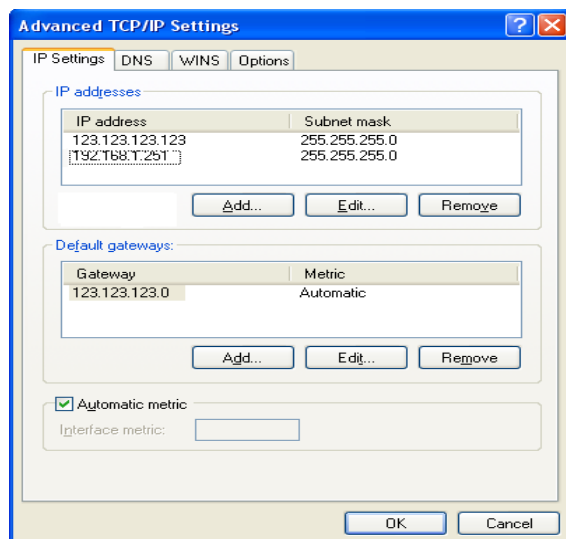


3.2.2. Dodavanje IP adrese

Na vašem kompjuteru, kliknite na Start > Control Panel > Network Connections > Local Area Connection > Properties.



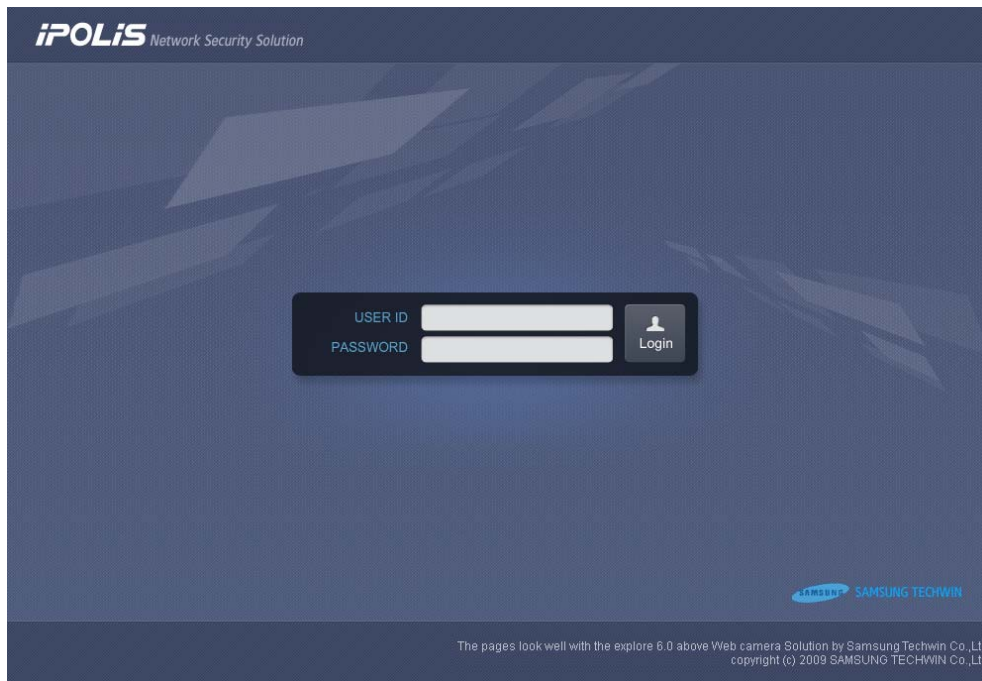
Odaberite Internet Protocol (TCP/IP.) Kliknite na taster Properties u dijalogu Internet Protocol (TCP/IP) Settings, kliknite na taster Advanced da otvorite dijalog Advanced TCP/IP Settings. (Ukoliko je opcija "Obtain an IP address automatically" odabrana u prozoru Internet Protocol (TCP/IP) Properties, molimo kliknite na "Use the following IP address" radio taster opciju pre nego što nastavite.)



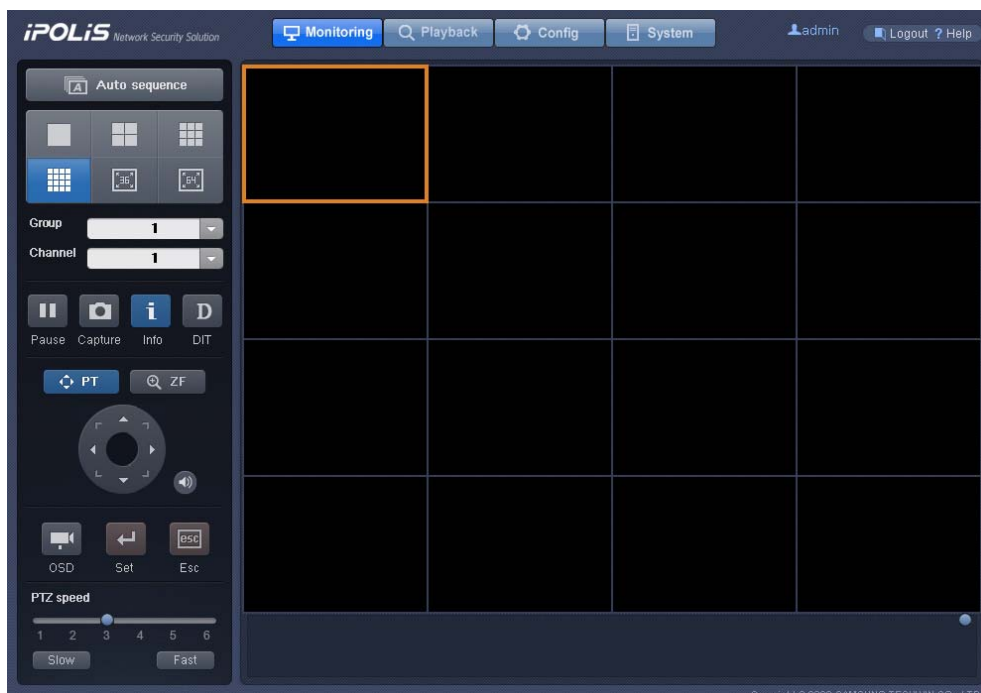
Kliknite na Add pod opcijom IP addresses a potom unesite 192.168.1.xxx. NVR koristi 192.168.1.100 kao IP adresu; ne možete da koristite adresu kao unutrašnju IP adresu za kompjuter.

3.2.3. Povezivanje i promena podešavanja

Ukucajte 192.168.1.100 u traku za adresu svog Internet pretraživača a potom pritisnite Enter.

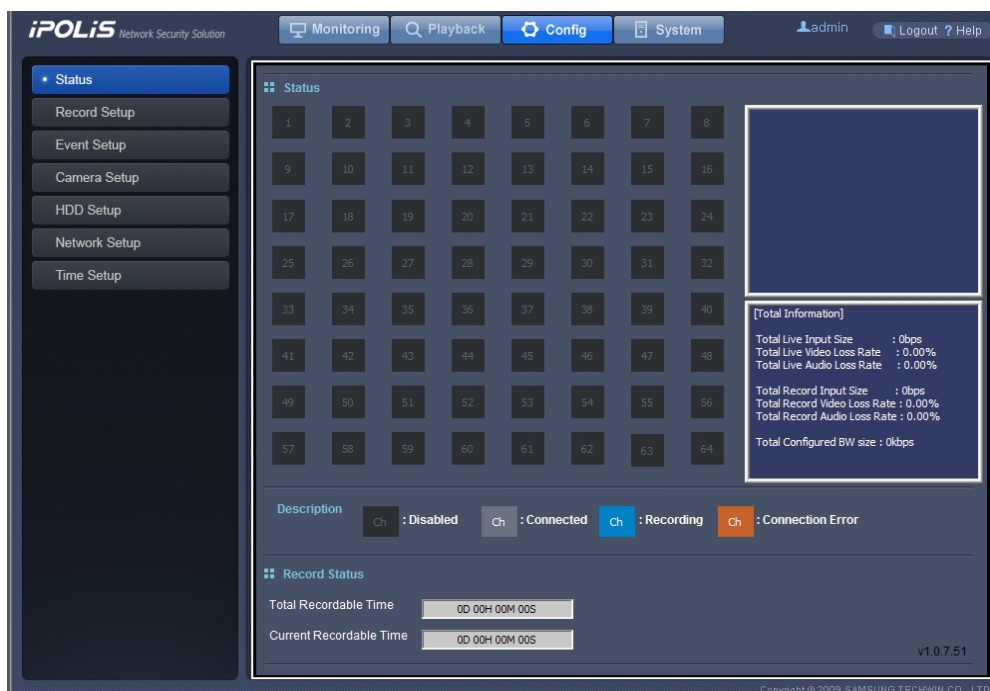


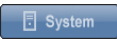
U prozoru za prijavljivanje, unesite admin kao User ID i 11111111 za Password (lozinku).
Kliknite na Login (prijavi se) da povežete proizvod.

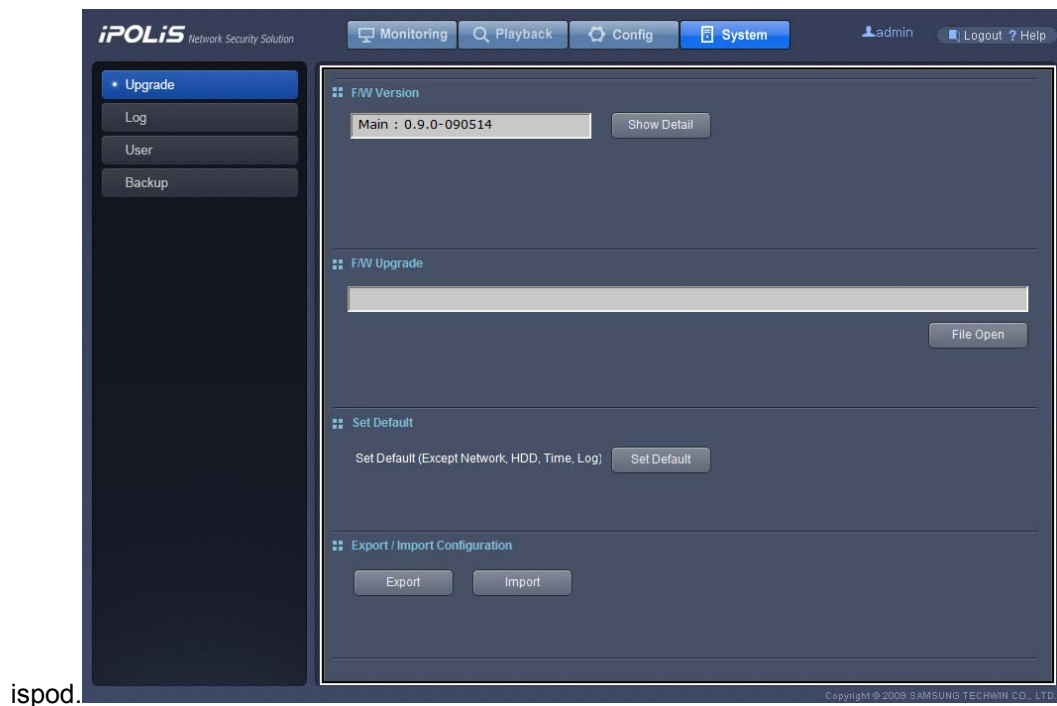


Kada se povezujete za proizvod po prvi put, video neće biti prikazan jer mreža ili kamera nisu podešene.

Klik na  na vrhu ekrana usmerava vas na novu stranicu, kako je prikazano na snimku ekrana ispod.



Klik na  usmerava vas na novu stranicu, kako je prikazano na snimku ekrana



ispod.

Upotrebite levi meni da podesite proizvod. Za detaljna uputstva o svakoj stavci menija, molimo pogledajte "4.6. Konfiguracija" i "4.7. Sistem" Kada je mreža podešena,

Možete da koristite Ethernet Port monitora na zadnjem panelu proizvoda da se povežete za proizvod.

**Napomena**

- IP adresa za prednji port je fiksirana kao 192.168.1.100; ova vrednost ne može se promeniti.
- Izrazito preporučujemo da promenite podrazumevanu lozinku za administratora (Admin PW) što je pre moguće. Za uputstva o tome kako da promenite lozinku, molimo vas pogledajte "4.7.3. Podešavanja za korisnika".

4. Poglavlje. Rad

4.1. Sistemski zahtevi

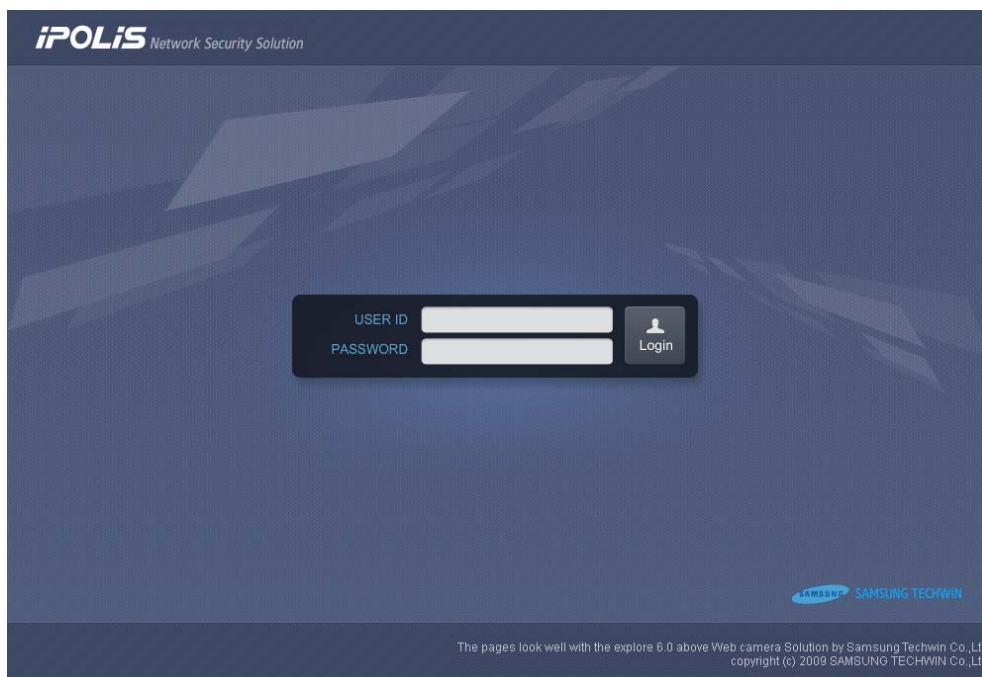
Kategorija	Minimum	Preporučeno
Procesor	Intel Core 2 Quad 2,5GHz ili brži	Intel i7 ili brži
Glavna memorija	3GB	4GB ili više
Video memorija	512MB	1GB ili više
Rezolucija prikaza	1,280 x 1,024	
Hard disk	1GB ili više	
Radni sistem	Windows XP Professional / Windows Vista Business/ Windows 7	
Mreža	Gigabit Ethernet	
Razno	DirectX 9.0 ili noviji	

4.2. Kompatibilni internet pretraživači

Internet pregledač je optimizovan za korišćenje sa Microsoft Internet Explorerom 6.0 ili novijim. Potrebno je da imate Microsoft Internet Explorer 6.0 ili noviji instaliran na svom kompjuteru da biste osigurali rad Internet pregledača bez problema.

4.3. Prijavljivanje

Otvorite internet pretraživač, a potom unesite IP adresu proizvoda. Bićete usmereni na stranicu za prijavljivanje. Unesite svoju ID i lozinku, potom kliknite na taster za prijavljivanje da biste se povezali za sistem. Bićete usmereni na stranicu za nadgledanje. Ukoliko još uvek niste podesili svoju ID i lozinku, standardna ID je "admin", a standardna lozinka je "11111111" (bez znakova navoda). Za instrukcije o promeni ID-a i lozinke, molimo vas da pogledate "4.7.3. Podešavanja za korisnika")

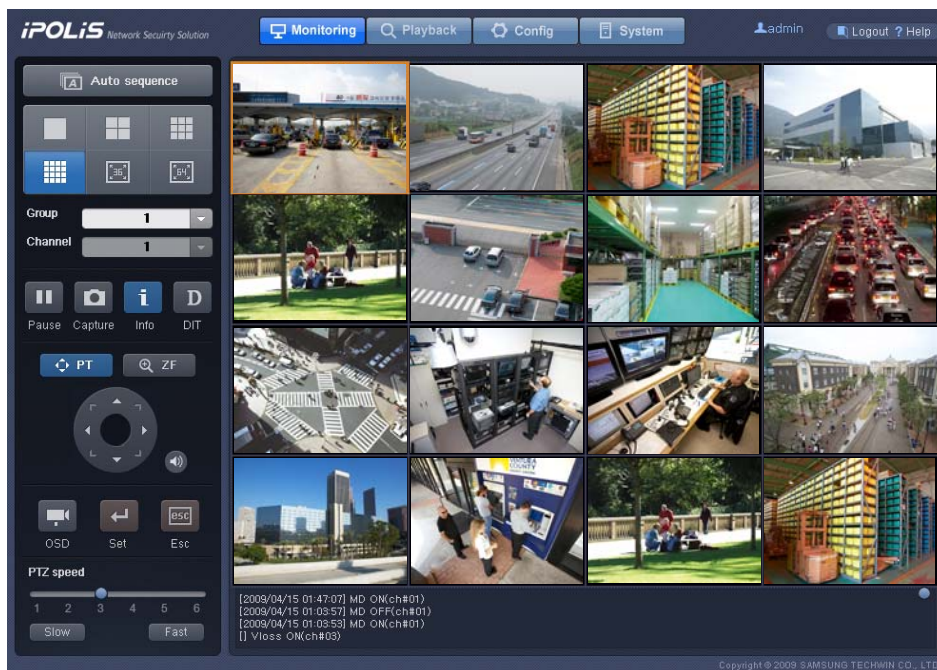


Napomena

- Da biste se povezali za proizvod koristeći prednji mrežni port, molimo vas da obratite pažnju da unesete 192.168.1.100. Da biste se povezali za proizvod koristeći poledinu Ethernet porta monitora, obratite pažnju da unesete IP adresu dodeljenu portu.
- Port za povezivanje i kompjuter moraju da budu u istoj mreži.
- Za HTTP broj porta sa bilo kojom vrednošću preko 80, adresa za pristup je `http://<IP address>:<HTTP broj porta>`.
Na primer, ukoliko je IP adresa 192.168.1.110, a broj HTTP porta je 8080, tada je adresa za internet pregledač <http://192.168.1.110:8080>.
- Za uputstva o promeni IP adrese Ethernet Porta monitora, molimo pogledajte "4.6.6. Podešavanje mreže".

4.4. Nadgledanje

Ukoliko se prijavljujete na svoj mrežni video rekorder po prvi put, ili ukoliko kliknete na taster  na vrhu svog internet pregledača, bićete usmereni na stranicu za nadgledanje gde ćete moći da pregledate dovode video zapisa sa kamera koje su povezane za vaš kompjuter.



4.4.1. Podela ekrana i menjanje kanala

Možete da odaberete broj dovoda video zapisa koji će se simultano prikazivati na ekranu

klikom na taster  u gornjem levom delu ekrana. Možete da imate 1-, 4-, 9-, 16-, 36-, ili 64 dovoda video kanala prikazanih simultano na ekranu; odvojeni prozor za pretraživanje će se otvoriti da prikaže dovode video zapisa za 36- ili 64- kanala. Prilikom prikazivanja 1~36 kanala, kanali su prikazani u grupama da bi se upravljalo preglednošću.

Na primer, ako pregledavate 16 kanala simultano, onda će kanali 1~16 biti prikazani u grupi 1,

a kanali 17~32 će biti prikazani u grupi 2, i tako dalje.  se koristi da odaberete

koju grupu ili kanal želite da gledate; Za gledanje video zapisa na svim kanalima po redu, kliknite na taster  da biste aktivirali opciju za auto sekvencu koja kruži periodično kroz video zapise u različitim grupama u intervalima od po 7 sekundi. Dnevnicu za trenutni kanal su na dnu ekrana: događaj (MD, V-gubitak), senzor za glavni opseg i relej događaja. Da biste proverili dnevnik, pomerite taster  na desnoj strani prozora naviše ili

naniže. Nazivi događaja kao 'MD', 'V-gubitak' itd. Se prikazuju na video zapisu onih kanala gde dođe do događaja.

4.4.2. Video kontrola

Klikom na video kanal, odabrani ekran će se prikazati u narandžastoj boji. Kada odaberete kanal, možete da koristite tastere na levoj strani stranice da biste upravljali video dovodom u tom kanalu.

-  Taster: Pauzira ili depauzira video dovod u odabranom kanalu.
-  Taster: Hvata slike ekrana trenutnog ekrana koje možete da sačuvate kao JPG fajl slike.
-  Taster: prikazuje naziv i trenutno vreme kanala na video ekranu.
-  Taster: Aktivira ili onemogućuje Deinterlace opciju na video zapisu za kanal.

Postavite kursor iznad slike i desnim tasterom kliknite da biste prikazali kontekstni meni za zvuk.



- **Audio:** Ovo radi isto kao i kliktanje tastera  na levoj strani ekrana. Reprodukција audio zapisa je sa trenutno odabranog kanala. Ikona () se pojavljuje da bi ukazala sa kog kanala je audio dovod; takođe možete kliknuti na () da biste podesili jačinu tona.
- **Unapred podešeno:** Prikazuje  na video ekranu kanala. Klik na  vam dozvoljava da odaberete unapred podešeno. Unapred podešeno je unapred odabran rad ugla i zuma za PTZ (pan, nagib, zum) kamere. Odabirom unapred podešenog vraćate kameru na prethodna podešavanja ugla i zuma. NVR podržava samo postojeća unapredna podešavanja koja se učitavaju. Da biste kreirali nova unapredna podešavanja, morate da ih ručno podesite na svom PTZ-u (pan, nagib, zum) kamera.

4.4.3. PTZ kontrola

Kliknite na kanal prikazan na ekranu; prikazaće se narandžasta granica oko tog kanala da ukaže da je kanal odabran. Kada je kanal odabran, možete da koristite taster na levoj strani stranice da biste upravljali PTZ-om (pan, nagib, zum) kamere za odabrani kanal.

 menja smer ka kome je kamera okrenuta. Kliknite na taster da biste prikazali kružni taster, prizan na desnoj strani. Kliknite smer na kružnom tasteru da biste namestili pan kamere u tom smeru.

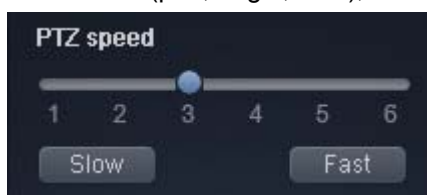


 ZF podešava zum i fokus odabrane kamere. Kliknite na taster da biste prikazali kružni taster, prizan na desnoj strani. Kliknite na  i  da biste uzumirali i odzumirali; kliknite na  i  da biste podesili fokus.



Kliknite na taster  pored kružnog tastera da biste reprodukovali audio dovod sa odabranog kanala. Efekat ovog tastera je identičan audio opciji u meniju za sadržaj koji se dobija desnim klikom.

Možete da podesite brzinu PTZ-a (pan, nagib, zum) klizećim dugmetom na dnu stranice. Ukupno 6 različitih nivoa brzine PTZ-a (pan, nagib, zum) je dostupno. Kliknite na  da biste smanjili brzinu PTZ-a (pan, nagib, zum) za jedan nivo i  da biste je povećali za jedan nivo. "1" je najsporija brzina PTZ-a (pan, nagib, zum), a "6" je najbrža.

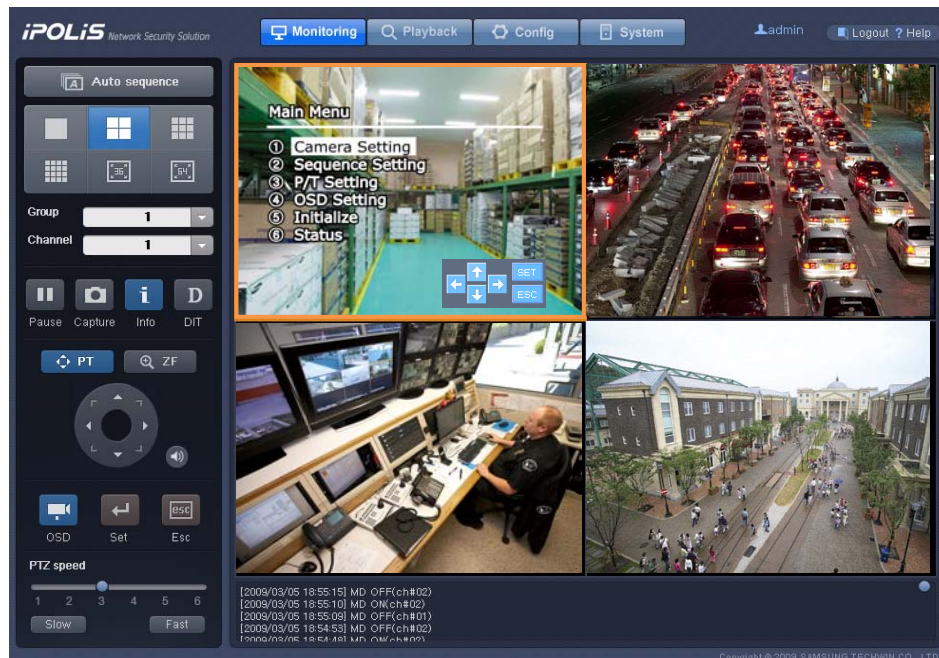


Napomena

Kontrola PTZ-a i opcije za podešavanja unapred su u saglasnosti samo sa PTZ omogućenim kamerama.

4.4.4. Kontrola PRIKAZA NA EKRANU

Klikom na video kanal, video ekran će se prikazati u narandžastoj boji da bi ukazalo kako je odabran. Za prikaz kamere na ekranu odabranog kanala, kliknite na  na levoj strani ekrana.



Za upravljanje menijem za prikaz na ekranu, kliknite na tastere  na dnu video ekrana.

Za pomeranje između menija za prikaz preko ekrana i menjanje podešavanja, koristiti tastere sa strelicom. Da biste se pomerili na pod meni ili primenili novo podešavanje, kliknite na taster SET (podesi). Da biste se vratili na prethodni meni, kliknite na taster ESC (izlaz). Umesto tastera SET (podesi) i ESC (izađi) na video ekranu, takođe možete da koristite tastere  i  pored tastera . Za detaljne instrukcije o podešavanju prikaza na ekranu, molimo vas da pogledate uputstvo za korišćenje za svoju kameru.



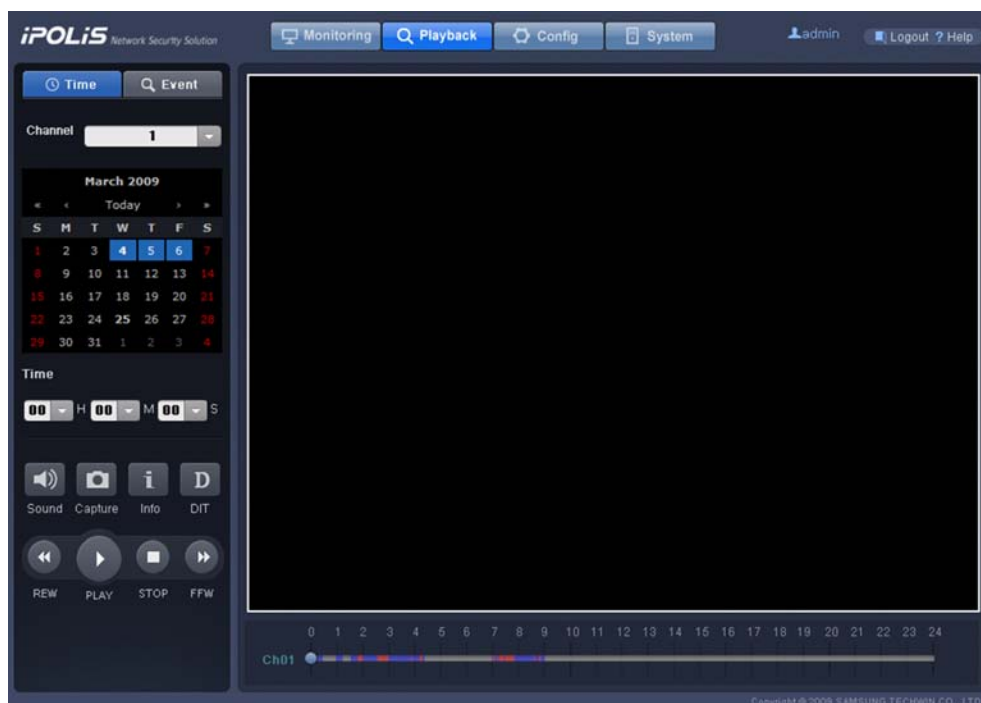
Napomena

Kontrola PTZ operacija, Unapred podešene vrednosti i OSD nisu dostupni kod AXIS kamere.

4.5. Reprodukcija

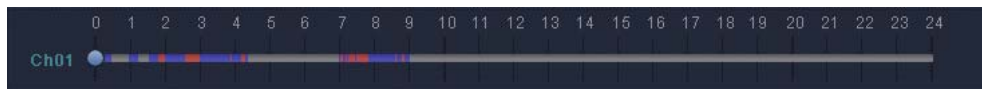
Kliknite na **Playback** na vrhu ekrana da biste prikazali ekran za reprodukciju. Ovaj ekran vam dozvoljava da gledate sačuvane video zapise. Postoje dva načina da koristite opciju za reprodukciju; **Time** vam omogućava da pretražite i gledate video zapise prema vremenu snimanja i datumu, dok vam **Event** dozvoljava da pregledavate video zapise prema događajima koji su se javili. Kada se po prvi put povezujete za ekran za reprodukciju, meni za pretragu vremena se pojavljuje kao standardni.

4.5.1. Pretraga vremena



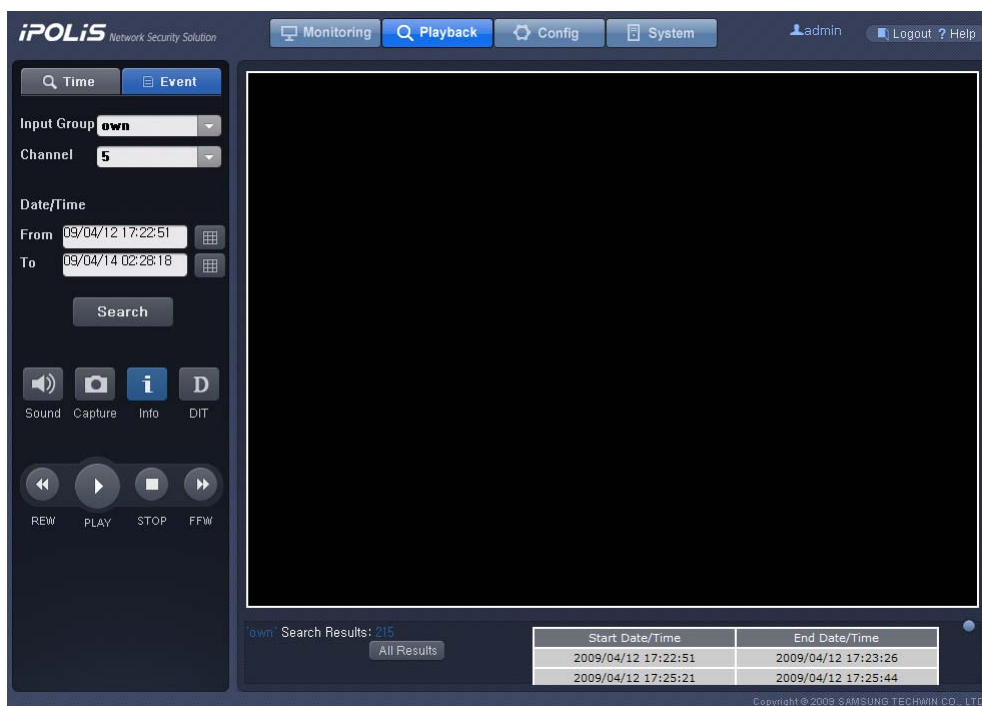
- **Kanal:** Omogućuje odabiranje kanala.
- Da biste udobno gledali video zapis, odaberite datum na kalendaru ispod tastera za kanal. Dostupni datumi sa video zapisima se prikazuju u plavoj boji, npr. **4** **5**
- **00:00:00** Vremensko područje: Dok je video ekran pauziran, odabiranje vremena i klik na taster za reprodukciju reprodukuje video u to vreme. Dok se video reprodukuje, vremensko područje prikazuje vreme snimanja video zapisa.
- **[Speaker Icon]** Taster za zvuk: Uključuje ili isključuje audio za trenutni video.
- **[Camera Icon]** Taster za pamćenje: Pamti slike trenutnog ekrana u JPG formatu.
- **[i]** Taster za informacije: Prikazuje naziv kanala i vreme snimanja trenutnog video zapisa.
- **[D]** DIT taster: Aktivira ili onemogućuje Deinterlace opciju za trenutni video.

-  Tasteri za REW (premotavanje unazad) i  FFW (premotavanje unapred): Premotajte unazad, brzo premotajte unapred i podesite brzinu reprodukcije trenutnog video zapisa. Dok se video reprodukuje, tasteri se menjaju u , , , , , , , i  ukazujući na smer reprodukcije i brzinu. Podešene brzine za reprodukciju su 1x, 2x, 4x, i 8x unazad i unapred. Svaki put kada se pritisne taster za REW (premotavanje unazad) ili FFW (premotavanje unapred), brzina reprodukcije se menja za jedan nivo.
(Reprodukcija ili kretanje „korak po korak“ nisu podržani.)
-  Taster za REPRODUKCIJU: Reprodukuje video. Dok se video reprodukuje, menja se na taster  (PAUZA). Klikom na taster PAUSE (PAUZA) pauzirate trenutni video.
-  Taster za stopiranje: Stopira video.
- Pomerite  dugme na kliznoj liniji ispod ekrana za reprodukciju da biste potražili određeno vreme video zapisa. Vreme sa dostupnim video zapisom je označeno u plavoj boji na kliznoj liniji za vreme dok je vreme sa video događajem u crvenoj boji.

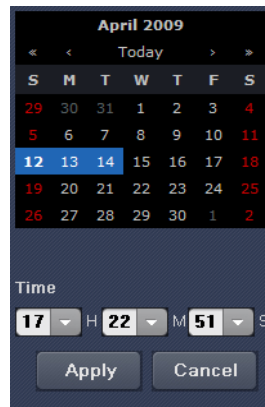


4.5.2. Pretraga događaja

Q Event prikazuje ekran pretrage vremena, kao što je prikazano na slici ispod. Za detaljne informacije o događajima, molimo vas da pogledate "4.6.3. Podešavanje događaja".



- **Input Group** **own** Područje: Omogućuje odabiranje grupe ulaza događaja.
- **Channel** **5** Područje: Omogućuje odabiranje kanala koji sadrži grupe ulaza događaja.
- **Date/Time**
From
To Područje: Omogućuje odabiranje početnih i završnih vremena za pretragu događaja.
- Taster: Prikazuje kalendar, kako je prikazano na sledećoj stranici, omogućujući vam da odaberete početne i završne datume i vremena za pretraživanje događaja. Odaberite datum i vreme, a potom kliknite na Apply (primeni).



- Search Pretražuje video zapise koji odgovaraju odabranom tipu događaja, kanala, datuma i vremena, a potom prikazuje prvih 10 rezultata na dnu ekrana, kao što je prikazano na slici ekrana ispod. Da biste reprodukovali video, kliknite na rezultat. Da biste proverili svih 10 rezultata, pomerite na desnu stranu ekrana naviše ili naniže.

own Search Results: 215

All Results

Start Date/Time	End Date/Time
2009/04/12 17:22:51	2009/04/12 17:23:26
2009/04/12 17:25:21	2009/04/12 17:25:44

- All Results prikazuje sve rezultate pretrage na levom delu stranice. 10 rezultata pretrage se prikazuju odjednom. Klik na stavku automatski reprodukuje video sačuvan u odabranom vremenu. i pomeraju na prethodnu ili sledeću stranicu sa rezultatima. Close pomera na prethodni ekran.

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Monitoring Playback Config System admin Logout ? Help

Time Event

own Search Results: 225

No	DateTime Range
1	2009/04/12 17:25:21 2009/04/12 17:25:44
2	2009/04/13 04:38:34 2009/04/13 04:38:53
3	2009/04/13 04:43:30 2009/04/13 04:44:08
4	2009/04/13 04:44:23 2009/04/13 04:44:41
5	2009/04/13 04:48:35 2009/04/13 04:48:55
6	2009/04/13 04:49:02 2009/04/13 04:49:18
7	2009/04/13 04:54:31 2009/04/13 04:54:48
8	2009/04/13 05:19:02 2009/04/13 05:19:20
9	2009/04/13 08:07:31 2009/04/13 08:07:46
10	2009/04/13 08:09:21 2009/04/13 08:09:45

Page 1 / 23

Close

own Search Results: 225

All Results

Start Date/Time	End Date/Time
2009/04/12 17:22:51	2009/04/12 17:23:26
2009/04/12 17:25:21	2009/04/12 17:25:44

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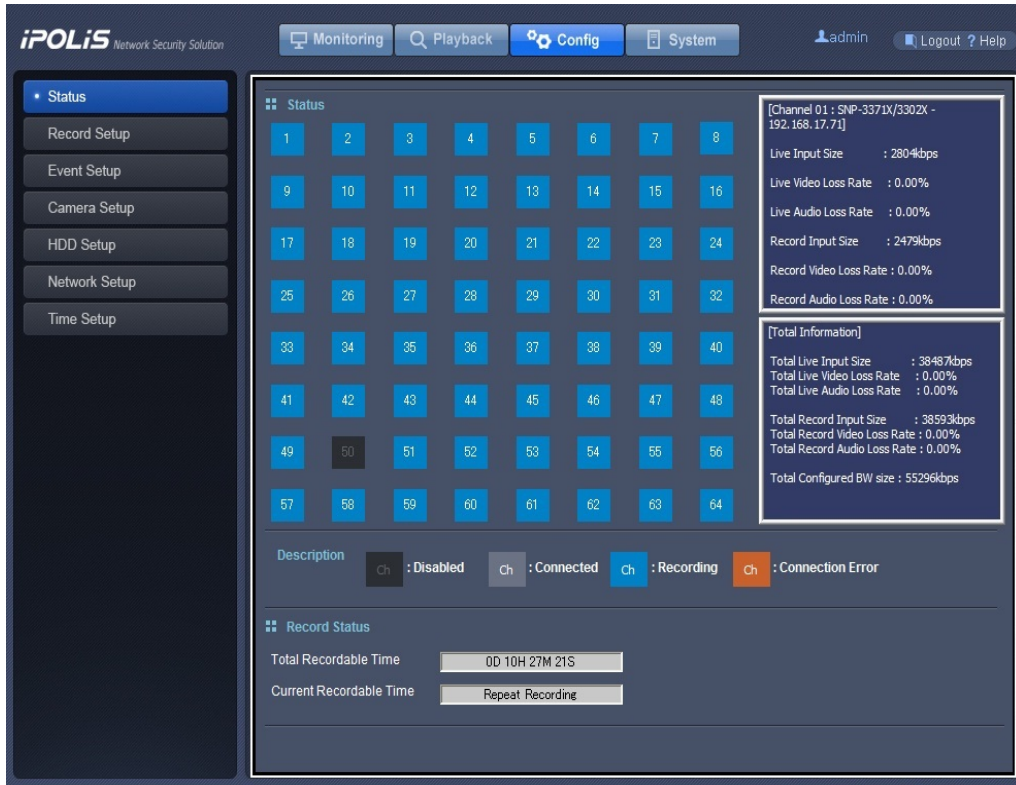


Napomena

- Maksimalni period za pretraživanje je 7 dana.
 - Ako se više od 500 fajlova video događaja snimi u okviru odabranog perioda pretrage, podaci sačuvani tog dana, za koji je akumulirano 500 ili više snimljenih video fajlova, se pretražuju, ali podaci sačuvani sledećeg dana se ne pretražuju. (Na primer, ako se video fajlovi pretražuju od 10-og do 15-og i 800 akumuliranih video fajlova je sačuvano do 11-og, program neće pretraživati datume sačuvane nakon 11-og i prikazaće rezultate pretrage samo do 800-og fajla).
 - Događaji koji su se javili u toku režima za normalno snimanje se ne mogu pretražiti.
-
-  Taster za zvuk: Uključuje ili isključuje audio za trenutni video.
 -  Taster za pamćenje: Pamti slike trenutnog ekrana u JPG formatu.
 -  Taster za informacije: prikazuje naziv kanala i vreme snimanja trenutnog video zapisa.
 -  DIT taster: Aktivira ili onemogućuje Deinterlace opciju za trenutni video.
 -  Tasteri za REW (premotavanje unazad) i  FFW (premotavanje unapred): Premotajte unazad, brzo premotajte unapred i podesite brzinu reprodukcije trenutnog video zapisa. Dok se video reprodukuje, tasteri se menjaju u , , , , , , , i  ukazujući na smer reprodukcije i brzinu. Podešene brzine za reprodukciju su 1x, 2x, 4x, i 8x unazad i unapred. Svaki put kada se pritisne taster za REW (premotavanje unazad) ili FFW (premotavanje unapred), brzina reprodukcije se menja za jedan nivo.
 -  Taster za REPRODUKCIJU: Reprodukuj video. Dok se video reprodukuje, menja se na taster  (PAUZA). Klikom na taster PAUSE (PAUZA) pauzira se trenutni video.
 -  Taster za stopiranje: Stopira video.

4.6. Konfiguracija

Ekran koji sledi se pojavljuje kada se klikne na  na vrhu ekrana. Klik na taster na levom meniju vas upućuje na odgovarajuću stranicu.



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Monitoring Playback **Config** System admin Logout ? Help

Status

Record Setup

Event Setup

Camera Setup

HDD Setup

Network Setup

Time Setup

Status

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32
33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56
57	58	59	60	61	62	63	64

[Channel 01 : SNP-3371X/3302X - 192.168.17.71]

Live Input Size : 2804kbps

Live Video Loss Rate : 0.00%

Live Audio Loss Rate : 0.00%

Record Input Size : 2479kbps

Record Video Loss Rate : 0.00%

Record Audio Loss Rate : 0.00%

[Total Information]

Total Live Input Size : 38487kbps

Total Live Video Loss Rate : 0.00%

Total Live Audio Loss Rate : 0.00%

Total Record Input Size : 38593kbps

Total Record Video Loss Rate : 0.00%

Total Record Audio Loss Rate : 0.00%

Total Configured BW size : 55296kbps

Description Ch : Disabled Ch : Connected Ch : Recording Ch : Connection Error

Record Status

Total Recordable Time 0D 10H 27M 21S

Current Recordable Time Repeat Recording

4.6.1. Status

Prikazuje trenutni status svakog kanala zajedno sa slobodnim prostorom za skladištenje na proizvodu na dnu.

The screenshot displays the 'Status' page of a security system interface. It features a grid of 64 channel status indicators (numbered 1 to 64) arranged in 8 rows and 8 columns. Channel 2 is highlighted in orange, indicating a connection error. Channel 50 is highlighted in black, indicating it is disabled. All other channels are blue, indicating they are in recording mode. To the right of the grid, there are two information panels. The top panel, titled '[Channel 02 : SNC-570 - 192.168.7.21]', displays the message 'Password Fail.'. The bottom panel, titled '[Total Information]', displays the following statistics: Total Live Input Size : 38487kbps, Total Live Video Loss Rate : 0.00%, Total Live Audio Loss Rate : 0.00%, Total Record Input Size : 38593kbps, Total Record Video Loss Rate : 0.00%, Total Record Audio Loss Rate : 0.00%, and Total Configured BW size : 55296kbps. Below the grid, a 'Description' section shows four status icons: 'Ch : Disabled' (black), 'Ch : Connected' (grey), 'Ch : Recording' (blue), and 'Ch : Connection Error' (orange). At the bottom, the 'Record Status' section shows 'Total Recordable Time' as '0D 10H 27M 21S' and 'Current Recordable Time' as 'Repeat Recording'.

Stranica za status vam daje da proverite status svih kanala na jednom ekranu. Tamno siva ukazuje na nekorišćen kanal. Svetlo siva ukazuje na kanal koji je povezan sa kamerom, ali nije u režimu za snimanje. Plava ukazuje na kanal koji je u režimu za snimanje. Narandžasta ukazuje na kanal koji ima problema da se poveže sa kamerom.

Detalji će biti prikazani na desnoj strani. Uobičajene prikazane stavke obuhvataju: trenutnu bitsku brzinu za svaku od funkcija Live and Record (Uživo i snimanje), Video Loss (Video gubici) i Audio Loss (Audio gubici). U donjem delu se dodaje zadata širina propusnog opsega kao referentna vrednost. U međuvremenu, informacije o kanalu će biti prikazane u gornjem delu, dok će statistika za sve kanale biti navedena u donjem delu. Kada odabirate kanal koji je povezan ili snima, brzina bita kao i gubitak video i audio zapisa za kanal se prikazuju. Za kanal u stanju greške prilikom konekcije, prikazuje se informacija o grešci.



Napomena

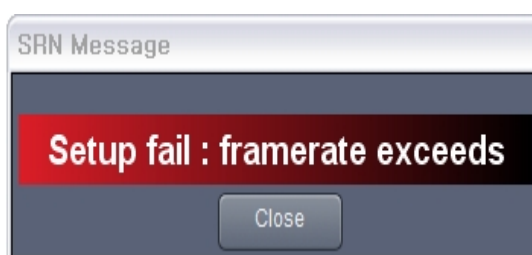
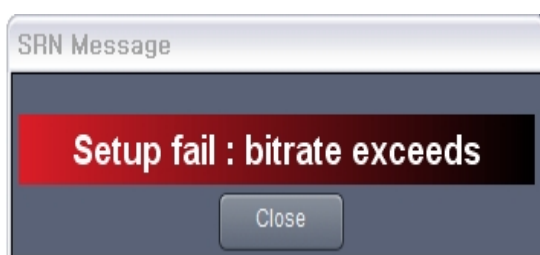
- "Uživo" ukazuje na video dovod uživo. "Snimanje" ukazuje na video dovod uživo koji se snima i čuva na HDD-u proizvoda.
- "Snimanje" koristi podatke u poslednjih 8 sekundi za izračunavanje statistike; može postojati blago neslaganje između brzine bita za "Uživo" i "Snimanje", čak i kada se svi frejmovi koji dolaze sa kamere skladište normalno.

Status snimanja prikazuje preostale sate za snimanje pod trenutnim podešavanjima za snimanje. Ukupno vreme za snimanje prikazuje vreme za snimanje svih povezanih jedinica za skladištenje podataka. Trenutno vreme za snimanje prikazuje preostale sate koji se mogu snimiti na osnovu trenutnog slobodnog prostora za skladištenje na proizvodu. Ukoliko se HDD potpuno napuni u toku režima za ponavljanje snimanja, meni za trenutno vreme za snimanje prikazuje ponavljanje snimanja. Molimo vas da pogledate "



Oprez

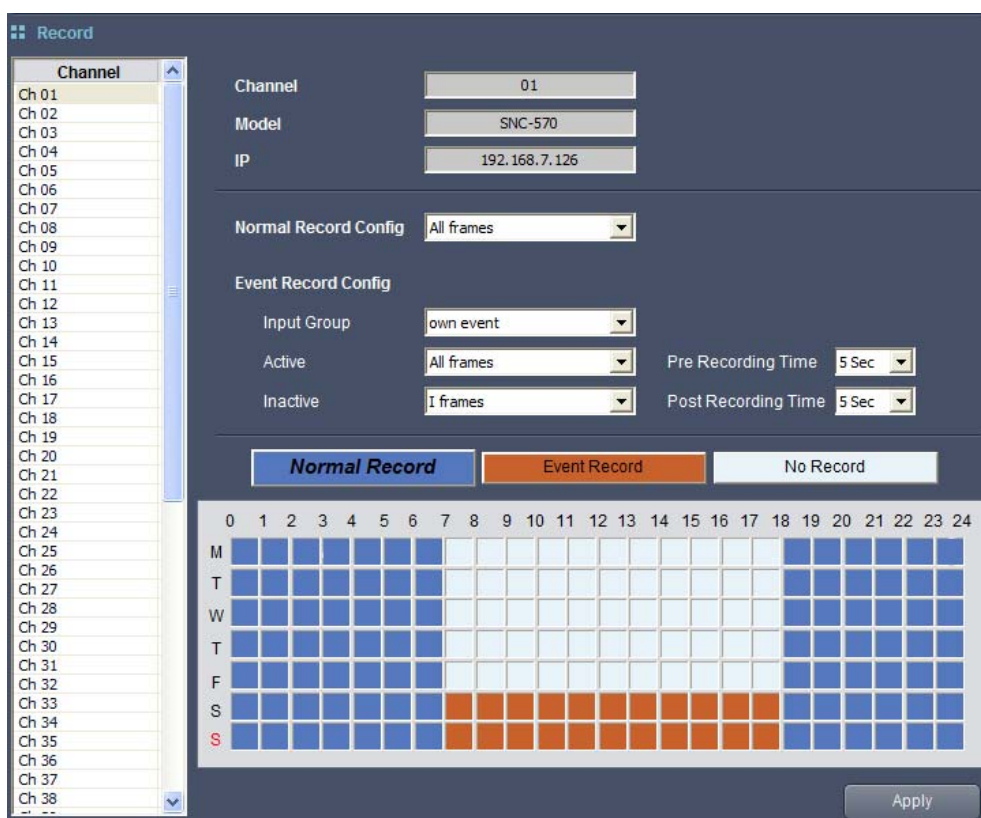
- Ako se prikaže poruka „Setup fail : bitrate exceeds“ (Neuspešno podešavanje : prekoračena bitska brzina) ili „Setup fail : framerate exceeds“ (Neuspešno podešavanje : prekoračena brzina kadra) (pogledajte donju sliku), više ne možete dodati kameru.



4.6.5. Podešavanje HDD-a".

4.6.2. Podešavanje snimanja

Odaberite kanal na levoj strani ekrana da biste odabrali njegov metod za snimanje video zapisa.



Odaberite kanal na levoj strani ekrana da biste odabrali njegov metod za snimanje video zapisa. Da biste odabrali vreme i metod čuvanja video zapisa svakog dana, odaberite jedno od **Normal Record**, **Event Record**, ili **No Record**, a zatim povucite kursor na dno tabele sa vremenom da biste izvršili odabir. Različito obojeni blokovi časova i dana ukazuju na različite režime za snimanje. Nakon odabira, nazivi tastera režima za snimanje su boldovani i iskošeni na **Normal Record**, **Event Record**, i **No Record**.

Režim za normalno snimanje uvek snima video prema podešenoj brzini frejma dok snimanje događaja menja svoju brzinu frejma za događaje. Možete da odaberete ulaznu grupu događaja ili sopstveni događaj da biste aktivirali režim za snimanje događaja. Kada odabirete ulaznu grupu, snimanje događaja se aktivira za događaje koji odgovaraju ulaznoj grupi. Kada odabirate sopstveni događaj, snimanje događaja se aktivira za sve događaje koji se javljaju na odabranom kanalu. Za snimanje događaja, "vreme pre snimanja" definiše trajanje vremena pre događaja, a "vreme posle snimanja" definiše trajanje vremena koje protekne nakon događaja, radi primene određene brzine frejma za skladištenje video zapisa. Možete da imate do 5 sekundi vremena pre snimanja, i do 60 sekundi vremena posle snimanja. Možete da pretražite snimljene video zapise prema snimljenim događajima u ekranu za reprodukciju. Za uputstva o podešavanju događaja i ulazne grupe, molimo pogledajte "4.6.3. Podešavanje događaja".

Možete da odaberete različite brzine frejmova za svaki režim za snimanje: Normalno snimanje, snimanje događaja – aktivno (kada se događaj javi), snimanje događaja – neaktivno (kada nijedan događaj nije detektovan). Za normalno snimanje i snimanje događaja – aktivno, svi frejmovi, 1 frejmovi i 2 I frejma je dostupno. Za snimanje događaja – neaktivno, svi frejmovi, 1 frejmovi, 2 I frejma i No Record (nema snimanja) je dostupno. Odaberite "Svi frejmovi" da biste uskladištili sve video dovode sa kamere dok "1 frejm" skladišti samo 1 frejm video dovoda po 1 sekundi. Odabirenje "2 I frejma" skladišti samo 1 frejm video dovoda svake 2 sekunde. No Record ne snima nikakav video.



Nova podešavanja se primenjuju samo ako pritisnete **Apply**.

Napomena

4.6.3. Podešavanje događaja

Sa ovog ekrana možete da konfigurišete podešavanja povezana sa događajem.

The screenshot shows the 'Event' configuration interface. At the top, there's a title bar 'Event' and a toolbar with 'Local Sensor Type', 'Sensor1' (Normal Open), 'Sensor2' (Normal Open), and an 'Apply' button. Below the toolbar are three main sections: '1 Input Group', '2 Output Group', and '3 Action Group'. Each section contains a list of items (input1, output1, action1) and buttons for 'Add', 'Modify', and 'Remove'.

❖ Tip lokalnog senzora

Tip lokalnog senzora vam omogućava da odaberete tip operacije za senzor 1 i 2 između normalno otvorenog i normalno zatvorenog. Normalno otvoreno aktivira ulaz za senzor kada je tip kontakta kratak ili kada je dinamičan tip na niskom nivou. Normalno zatvoreno aktivira ulaz za senzor kada je tip kontakta otvoren ili kada je aktivni tip visoka impedancija (otvoreni kolektor). Za više informacija o senzorima, molimo vas da pogledate korisničko uputstvo za svaki senzor.

❖ Ulazna/izlazna grupa događaja

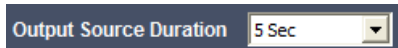
Ulazna grupa događaja definiše grupu događaja koji se mogu javiti na kamerama i mrežnim video rekorderima, Izlazna grupa događaja definiše grupu odgovora koje kamere i rekorder mogu da preduzmu za poseban događaj. Kliknite na **Add** bilo ispod Ulazne grupe događaja ili Izlazne grupe događaja da biste videli naredni ekran. Ovaj ekran se takođe pojavljuje prilikom odabira

grupe a potom klikom na **Modify**, ili jednostavno duplim klikom na grupu.

The screenshot shows the 'Event' configuration window. At the top, there are dropdowns for 'Local Sensor Type', 'Sensor1' (set to 'Normal Open'), and 'Sensor2' (set to 'Normal Open'), with an 'Apply' button. Below this are three main sections: '① Input Group', '② Output Group', and '③ Action Group'. Each section has a table with columns for 'Name', 'Type', and 'Value'. Below each table are 'Add', 'Modify', and 'Remove' buttons. The 'Input Group' section is currently selected, and a list of 'Event Input Source' is shown below it. This list includes 'ch01 : SNP-1000 - 192.168.7.59', 'ch02 : SNP-1000 - 192.168.7.124', 'sensor1', 'sensor2', 'ch1.md' (which is checked), 'ch14 : SNP-1000 - 192.168.7.52', and 'SRN-6450'. At the bottom right of the window are 'Apply' and 'Close' buttons.

Unesite novi naziv grupe u panelu ulazne grupe ili izlazne grupe. Ovaj spisak ispod panela prikazuje nazive kanala kamere zajedno sa proizvodom. Za prikaz dostupnih izvora ulaznog događaja ili izlaznog događaja, kliknite na kameru ili proizvod. Za ulaznu grupu, dostupne

opcije uključuju senzor i MD (detekciju pokreta) i relej, Email i bip za ulaznu grupu. (Za više informacija o ulaznim i izlaznim signalima za kamere, molimo vas da pogledate korisničko uputstvo svake kamere.) Proverite sve opcije da biste ih uključili u novu grupu i potom kliknite na  da biste kreirali grupu preko tastera Add (dodaj), ili primenili nova podešavanja preko tastera za modifikovanje.  zatvara prozor za podešavanje grupe bez kreiranja grupe ili čuvanja novih podešavanja.



Za izlaznu grupu, trajanje izlaznog izvora je dostupno da se doda i modifikuje. Trajanje akcija bipa i releja se može podesiti od '1sekunde' do 'uvek' (da bi akcije radile jednom kada dođe do događaja).

Da biste obrisali grupu, odaberite grupu na spisku grupa i potom kliknite na .



❖ Akciona grupa događaja

Akciona grupa događaja povezuje ulaznu grupu događaja i izlaznu grupu događaja u jednu funkcionalnu jedinicu, tako da kada se događaj iz ulazne grupe događaja javi, svi odgovori uključeni u izlaznu grupu događaja su uključeni. Kliknite na **Add** ispod spiska akcione grupe događaja i bićete usmereni na ekran prikazan ispod. Ovaj ekran se takođe pojavljuje kada odabirate grupu a potom kliknete na **Modify**, ili jednostavno duplim klikom na grupu.

Event

Local Sensor Type Sensor1 Normal Open Sensor2 Normal Open Apply

① Input Group

input1

Add Modify Remove

② Output Group

output1

Add Modify Remove

③ Action Group

action1

Input Group input1

Output Group output1

Ch	IP	Model	Event Type
Ch2	192.168.7.124	SNP-1000	ch1 md

Ch	IP	Model	Event Type
Ch2	192.168.7.124	SNP-1000	relay1
-	-	SRN-6450	relay1
-	-	SRN-6450	email
-	-	SRN-6450	beep

Apply Close

Prvo, unesite naziv nove grupe nazivu za grupu. Potom odaberite ulaznu i izlaznu grupu događaja na spisku ulaznih i izlaznih rupa. Događaji registrovani za odabrane ulazne i izlazne grupe su na dnu ekrana. Kliknite na **Apply** da biste kreirali grupu, **Close** zatvara prozor za podešavanja grupe bez da kreira grupu.

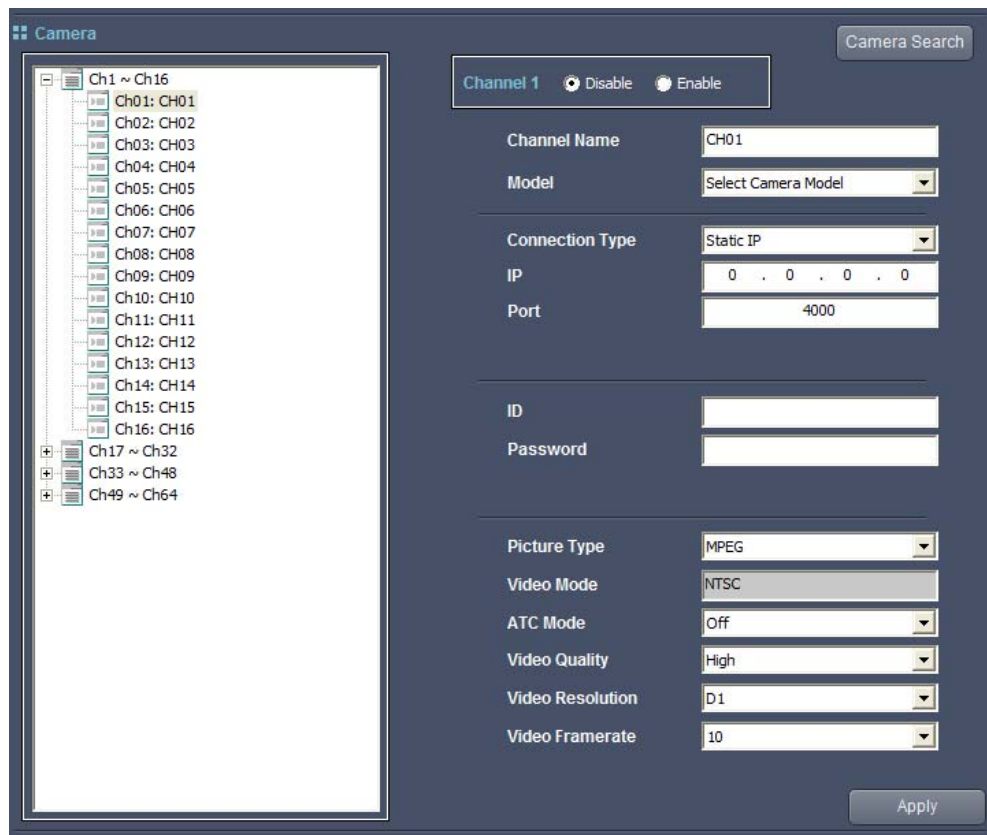
Da biste obrisali grupu, odaberite grupu na spisku grupa i potom kliknite na **Remove**..



Napomena

Brisanje ulazne ili izlazne grupe briše akcionu grupu koja odgovara ulaznoj ili izlaznoj grupi.

4.6.4. Podešavanje kamere



Odaberite kanal na levom spisku; možete da pregledate ili modifikujete podešavanja njegove kamere. Aktivni kanali su prikazani sa , a neaktivni sa .

-   : Odabiranje opcije Enable (Omogući) aktivira kanal.
- **Naziv kanala:** Dajte naziv kanalu. Naziv kanala je prikazan na vrhu ekrana za nadgledanje i reprodukciju.
- **Model:** Odaberite broj modela kamere. Pored mrežnih kamera, možete da odaberete mrežne video servere kao što su SNS-100, SNS-400, itd.
- **Tip konekcije:** Odaberite tip konekcije za kameru između statičnog IP i DDNS-a.
 - Da biste koristili statičnu IP, unesite IP adresu i konekcijski port za kameru.
 - Da biste koristili DDNS, unesite adresu DDNS servera i korisnički ID.
- **ID, Lozinka:** Unesite ID za prijavljivanje i lozinku za kameru.
- **Tip slike:** Odaberite metod za čuvanje slika između MPEG i JPEG formata.
- **Kavlitet video zapisa, rezolucija video zapisa, brzina frejma video zapisa:** Odaberite kvalitet video zapisa, rezoluciju i brzinu frejma video zapisa. Odabiranje viših podešavanja za ovo će vam pružiti viši kvalitet video zapisa, po cenu mrežnog protoka i kapaciteta za skladištenje na disku.



Napomena

- Maksimalna brzina frejma proizvoda je ograničena i varira u zavisnosti od rezolucije i RAID podešavanja. (Pogledajte stranicu za specifikacije proizvoda)
- Brzina frejma kanala sa tipom slike podešenom na JPEG je dupla u odnosu na kanal sa tipom slike podešenom na MPEG, kada se izračuna ukupni opseg frejmova.
- Sistem predstavlja uređaj sa jednim tokom bitova koji vrši snimanje i reprodukciju uživo u režimu kamere koji je definisan na strani za podešavanje kamere.



Napomena

- Režim za video prikazuje sistem kodiranja odabrane boje kamere, NTSC ili PAL i ne može se modifikovati.
- Dostupne rezolucije se razlikuju u zavisnosti od mrežne kamere. Za rezolucije veće od 720p ne postoji odvajanje između NTSC i PAL, a maksimalna brzina kadrova se menja u skladu sa tim..

	NTSC	PAL
QCI	176 x120	176 x144
CIF	352 x240	35 x288
2CIF	704 x240	704 x288
4CIF	704 x480	704 x576
D1	720x480	720 x576
720p	1280x720	
960p	1280x960	
FullH	1920x1080	
QVGA	320x240	
VGA	640x480	
SVGA	800x600	
XGA	1024 x768	
SXGA	1280 x1024	
UXGA	1600 x1200	
QXGA	2048 x1536	

**Oprez**

- Ako postavke kamere menjate kada je ona u modu snimanja, slika koja se snimi u trenutku promene možda neće biti pravilno reprodukovana.

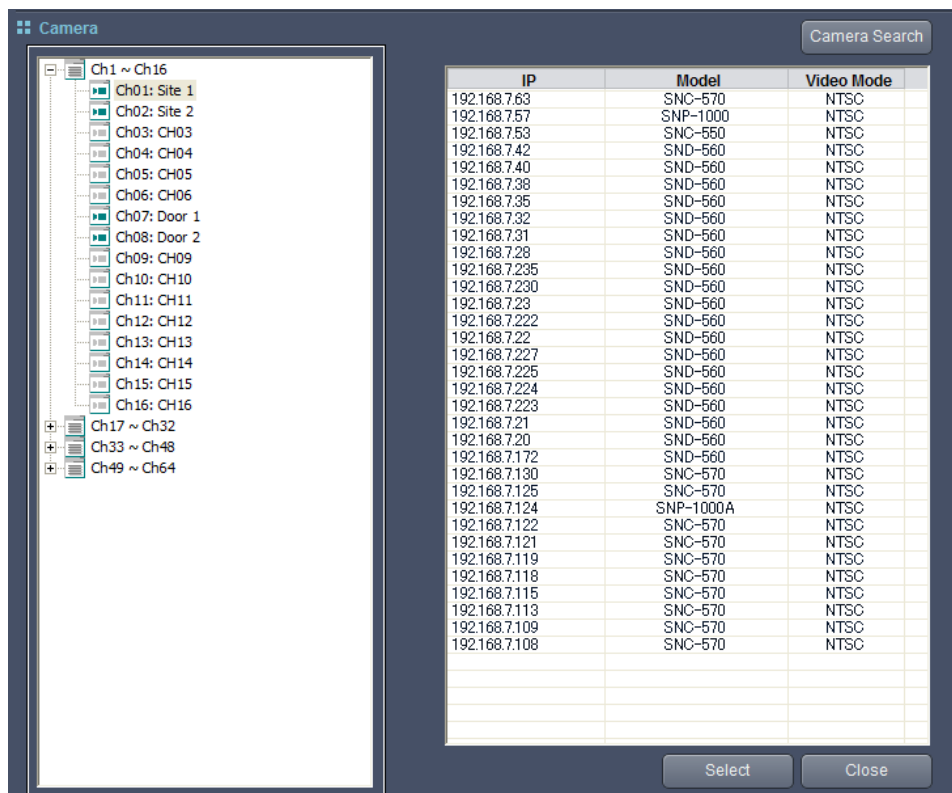
**Napomena**

NVR se može koristiti zajedno sa Samsung Techwin mrežnim proizvodima kao i sa AXIS proizvodima. AXIS kamere imaju ipak ograničenu usaglašenost sa ovim proizvodom, kao što je opisano ispod.

- Samo AXIS kamere koje podržavaju izlaz i za VAPIX i za MPEG4 su kompatibilne sa ovim proizvodom.
- Kodiranje audio zapisa G711 i-law
- Pretraga kamere: Ne može da pretraži.
- Rezolucija: Na stranici za podešavanje kamere, jedan D1, pola D1 ili CIF se može odabrati kao AXIS rezolucija. Ali određeni modeli AXIS kamere ne podržavaju D1, pola D1 i CIF rezoluciju. U ovom slučaju, molimo vas da koristite sledeću tabelu da biste utvrdili video režim i rezoluciju video zapisa. Na primer, ukoliko želite da koristite CIF rezoluciju za video za AXIS kameru, proverite da li je 352x240, 320x240, ili 352x288 na spisku ispod rezolucije u tabeli. Ukoliko je jedna od veličina dostupna, to znači da možete da koristite rezoluciju. Ukoliko odabrana rezolucija ne može da se primeni, proizvod traži podržanu rezoluciju prema redosledu D1, pola D1 i CIF i potom automatski menja rezoluciju. AXIS kamere koje ne podržavaju nijednu od rezolucija datih ispod se ne mogu koristiti povezane sa NVR.

	NTSC	PAL
D1	704x480, 4CIF, 640x480	704x576
Polovina D1	704x240, 2CIF	704x288
CIF	352x240, 320x240	352x288

- **Camera Search** automatski pretražuje trenutnu mrežu radi pronalazjenja kamera za povezivanje.



Odaberite kameru na spisku, a potom duplim klikom kliknite na nju, ili jednostavno kliknite na **Select**. Model, tip konekcije, IP i opcije za konekcijski port kamere će se automatski podesiti u zavisnosti od podešavanja kamere.

Model	SNS-100
Connection Type	Static IP
IP	192 168 100 121
Connection Port	4000



Napomena

Pretraga kamere ne nađe uvek sve kamere na mreži; možda će biti potrebno da kliknete na **Camera Search** više od jednom da biste pronašli sve kamere koje želite.



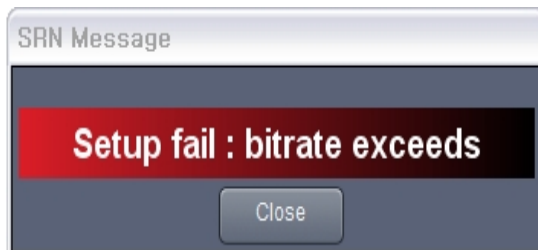
Napomena

Nova podešavanja se primenjuju samo ako pritisnete **Apply**.



Oprez

- Ako se prikaže poruka „Setup fail : bitrate exceeds“ (Neuspešno podešavanje : prekoračena bitska brzina) ili „Setup fail : framerate exceeds“ (Neuspešno podešavanje : prekoračena brzina kadra) (pogledajte donju sliku), više ne možete dodati kameru.



4.6.5. Podešavanje HDD-a

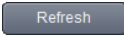
Sa ove stranice, možete da konfigurišete uređaje za skladištenje povezane sa sistemom.

[illegible]

❖ HDD

Na vrhu ekrana su izlisteni tipovi i statusi unutrašnjih HDD-ova, spoljašnjih HDD-ova i/ili NAS uređaja koji su trenutno povezani sa sistemom. Unutrašnji i spoljašnji HDD-ovi daju svom modelu, vremena snimanja, "ukupnu veličinu" (ukupni kapacitet) i "slobodnu veličinu" (preostali kapacitet); NAS uređaji daju svoja korisnički dodeljena imena i status trenutne konekcije. RAID-konfigurisani unutrašnji HDD-ovi su prikazani kao "RAID" umesto "unutrašnji" i njihovi nazivi modela su zamenjeni raid režimom: "RAID1 REŽIM" ili "RAID5 REŽIM." Dok se HDD formatira, HDD je u procesu za proveru diska i novi RAID režim se konfiguriše; ; "formatiranje" "testiranje" i "građenje" su prikazani umesto naziva modela uređaja.

Podesite Ponovi snimanje na uključeno i sistem će automatski obrisati najstarije snimljene video zapise da bi napravio prostor za nove video zapise kada više nema slobodnog prostora na HDD-u.

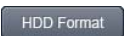
Da obnovite spisak povezanih HDD-ova, kliknite na .

Kada odaberete HDD, pojaviće se ; kliknite na njega da biste formatirali odabrani HDD. Dok je formatiranje u toku, prednji LCD prikazuje sledeću poruku.

Formatting HDD
is in Progress...

HDD Format
[DONE]

Dok se HDD formatira, HDD je u procesu provere diska, ili se konfiguriše novi RAID režim - proizvod se ne može koristiti da formatira novi HDD; taster  se neće prikazati čak i ako odaberete HDD na spisku.

Odabiranje NAS i potom klik na  ne formatira celi NAS; samo briše sve video podatke odabranog NAS-a.



Napomena

Novo podešavanje za ponavljanje snimanja se primenjuje samo ukoliko kliknete na  na vrhu ekrana.

❖ Automatsko brisanje

U modu automatskog brisanja možete da izaberete i zadate potrebne opcije automatskog brisanja, kao i period skladištenja. Stavku Mode (Režim) postavite na On (Uključeno) i navedite period skladištenja pod stavkom Duration (Vreme). Zatim pritisnite taster [Apply (Primeni)] na desnoj strani. Ovim će se automatski izbrisati podaci sa hard diska koji su

stariji od specificiranog perioda. Period skladištenja se može specificirati po danu, u opsegu od najmanje jednog dana do najviše 365 dana.



Napomena

Ako prvi put aktivirate Automatsko brisanje, podaci sa hard diska koji su stariji od specificiranog vremena će biti automatski izbrisani i može proći izvesno vreme dok se mod Automatskog brisanja ne pokrene.

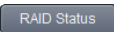
❖ RAID režim

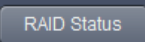
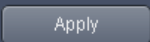
U meniju za RAID režim, možete da promenite podešavanja za RAID sistem. Da biste promenili podešavanja, odaberite Normalno, RAID1 ili RAID5 i potom kliknite na  na desnoj strani. Normalno je ne-RAID režim. Nakon primenjivanja novih RAID podešavanja, sistem se automatski ponovo startuje; bićete diskonektovani sa internet pregledača. Sistemu je potrebno otprilike 2 minuta da se ponovo startuje i uspostavi mrežnu konekciju.

Dok se nova RAID podešavanja primenjuju, prednji LCD prikazuje sledeće poruke u skladu sa progresom.

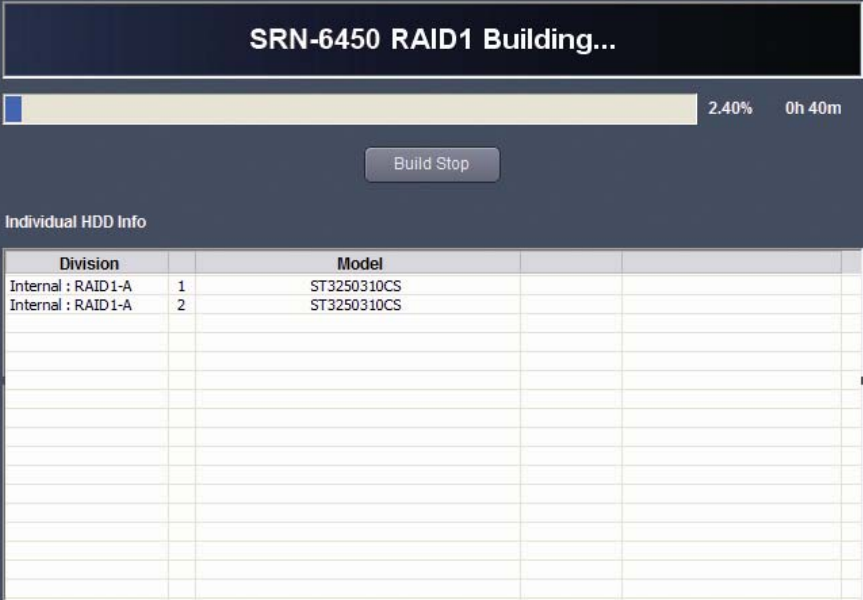
Preparing RAID1 is in Progress...
Rebooting system is in Progress...
Build RAID1: 48.8% Finish: 37.6min
RAID1 Setup [DONE]

Unbuilding RAID is in Progress...
Rebooting system is in Progress...
Unbuilding RAID [DONE]

Kada je sistem u RAID režimu,  će se pojaviti na desnoj strani.

 RAID Mode ☐ Normal ☒ RAID1 ☐ RAID5  
--

RAID Status



Build Stop



-

- RAID1 zahteva najmanje 2 opremljena HDD-a jedan pored drugog—HDD1 i HDD2, ili HDD3 i HDD4—dok RAID5 zahteva da sva 4 HDD-a budu opremljena.
- Za konfigurisanje RAID režima, HDD mora biti iste veličine. Izuzetno se preporučuje da koristite istu marku i model HDD-ova za konfigurisanje RAID-a.
- RAID podešavanja su dostupna samo za unutrašnje HDD-ove.
- Građenje RAID-a korišćenjem 4 x HDD-a od 500GB traje oko 3 časa za RAID1 i 4 časa za RAID5.

(Kod nepravilnog isključenja sistema, kao na primer pri isključenju napajanja tokom RAID konfiguracije može biti potrebno puno vremena za završetak RAID konfiguracije. Zato se preporučuje korišćenje UPS uređaja za napajanje.)



Oprez

- **Menjanje RAID podešavanja na novi režim automatski briše sve podatke na HDD-ovima proizvođa i novi video fajlovi neće biti sačuvani dok se RAID režim potpuno ne konfiguriše.**
- **Kada se proizvod isključi na neuobičajen način, npr. izvlačenjem adaptera za AC napajanje i potom se uključi, proizvod će možda automatski ponovo konfigurisati RAID podešavanja da bi osigurao celovitost sačuvanih podataka. Dok se novi RAID režim konfiguriše, postojeći podaci se neće izgubiti ali ni novi podaci neće biti sačuvani.**
- **Ukoliko je više od dva RAID-a konfigurisana HDD-a polomljeno ili uklonjeno sa proizvođa, RAID konfiguracija će biti u kvaru, dovodeći do gubitka podataka.**
- **Tokom korišćenja RAID konfiguracije, ni u kom slučaju ne treba pokretati proceduru „Remove HDD“ (Ukloni HDD) iz LCD menija.**
- **Ako bilo koji od HDD-a otkaže za vreme RAID procedure, neophodno je zameniti neispravne HDD što je pre moguće, kako bi se povratila stabilnost sistema.**

❖ NAS

Do četiri NAS uređaja se mogu povezati; na svaki NAS ukazuje njegov NAS port. Odaberite NAS port da biste pregledali ili promenili njegovu konfiguraciju.

Način upotrebe vam omogućuje da odlučite da li da upotrebite odabrani NAS port ili ne.

Naziv vam omogućuje da dodelite naziv NAS uređaju. NAS naziv se prikazuje ispod kategorije modela na HDD spisku na vrhu ekrana.

Standardni folder vam omogućava da odredite folder na NAS-u gde želite da sačuvate snimljene video zapise.

Unesite IP adresu, ID za prijavljivanje i lozinku za NAS u IP, ID i lozinku.



Napomena

- Samo sistem CIFS (Samba) fajlova je podržan za NAS portove..
- Naziv za NAS i naziv standardnog foldera mogu da sadrže maksimalno 32 bita, npr 32 alfanumerička karaktera. (engleski)
- NAS HDD se možda neće pojaviti na HDD spisku ukoliko je isključen u vreme kada je proizvod uključen po prvi put, ili kada proizvod ne uspe da se poveže za HDD iz drugih razloga. U ovim slučajevima, proizvod nije u mogućnosti da se poveže sa NAS HDD-om automatski čak i ako se problem reši. Da biste se povezali sa NAS HDD-om potrebno je da promenite podešavanja na Disable (onemogućiti), a potom promenite nazad na Enable (omogućiti).
- Ukoliko se NAS HDD diskonektuje sa proizvoda, njegov status na HDD spisku će se promeniti sa "Povezan" na "Nepovezan". U ovom slučaju se proizvod automatski povezuje sa NAS HDD-om ukoliko je problem rešen. Status HDD-a se onda vraća na "Povezan".
- NAS brzina čuvanja podataka je sporija nego kod unutrašnjih i spoljašnjih HDD-ova; ovo može dovesti do toga da video fajlovi ne budu sačuvani kako treba.



Napomena

Nova NAS podešavanja se primenjuju samo ukoliko kliknete na  na dnu ekrana.



Oprez

HDD-ovi se ne smeju uklanjati sa sistema dok sistem radi. Da biste sigurno uklonili HDD-ove, molimo vas da pročitate "5.4. Uklanjanje HDD-a".

4.6.6. Podešavanje mreže

Možete da konfigurirate podešavanja mreže na ovom ekranu.

The screenshot displays a network configuration interface with the following sections:

- Monitor Eth Port:**
 - Connection Type: PPPoE
 - Assigned IP: [empty]
 - ID: [empty]
 - Password: [empty]
 - Connection Port: 4000
 - Mac Address: 00:00:00:00:00:00
 - Http Port: 80
 - ATC Mode: ☒ Disable ☐ Enable
 - DDNS:**
 - Use: ☒ Disable ☐ Enable
 - Server Domain: www.samsungipolis.co
 - ID: [empty]
 - Password: [empty]
- Source Eth Port:**
 - Connection Type: Static IP
 - IP Address: 0 . 0 . 0 . 0
 - Subnet Mask: 0 . 0 . 0 . 0
 - Gateway: 0 . 0 . 0 . 0
 - Mac Address: 00:00:00:00:00:00
 - Source DHCP Server:**
 - Use: ☒ Disable ☐ Enable
 - Net Mask: 0.0.0.0
 - IP Range: 0 . 0 . 0 . 0 ~ 0 . 0 . 0 . 0
- Storage Eth Port:**
 - Connection Type: DHCP
 - Assigned IP: [empty]
 - Mac Address: 00:00:00:00:00:00
- DNS (All Ethernet Port):**
 - DNS1: 168 . 126 . 63 . 1
 - DNS2: 168 . 126 . 63 . 2
- RTP/RTSP:**
 - Use RTSP: ☒ Disable ☐ Enable
 - RTSP Port: 554
 - RTP Port: 4000
 - Multicast Address: 224 . 0 . 1 . 1
- E-Mail:**
 - SMTP ServerName: [empty]
 - ☒ Use Authentication
 - ID: [empty]
 - Password: [empty]
 - E-Mail To: [empty]

An **Apply** button is located at the bottom right of the interface.

Možete da koristite bilo PPPoE, statičnu IP, ili DHCP kao metod povezivanja za mrežne portove na zadnjem panelu. Ukoliko niste sigurni koji metod da koristite, molimo vas pitajte svog mrežnog administratora za pomoć.

Ukoliko je proizvod povezan za xDSL liniju PPPoE-tipa, odaberite PPPoE kao metod za povezivanje i unesite ID za pristup i lozinku. Odaberite statičnu IP kao metod za povezivanje ukoliko želite da koristite statičnu IP i unesite IP adresu, subnet masku i adresu prolaza (gateway) za korišćenje. Odaberite DHCP ukoliko je DHCP server povezan za mrežu na koju želite da se povežete; DHCP server će vam automatski dodeliti IP adresu.



Napomena

- Ukoliko koristite PPPoE ili DHCP, naći ćete IP adresu trenutno dodeljenu vašem proizvodu na dodeljenom IP-u); ne možete sami da podesite dodeljeni IP).
- Menjanje metode za mrežno povezivanje sa PPPoE na DHCP ili statični IP će automatski ponovo startovati sistem.

3 zadnja mrežna porta (pogledajte "2.2. Zadnji panel" i "3.1.2. Konfiguracija mreže") su Ethernet port monitora, Ethernet port izvora i Ethernet port skladišta. Ethernet port monitora povezuje kompjuter za nadgledanje sa uređajem NVR preko mreže ili programa za

podešavanje. Ethernet port izvora se povezuje sa kamerama. Ethernet port skladišta se povezuje sa NAS uređajima.

Vezano za Ethernet port monitora, možete da podesite broj konekcijskog porta i http port. Http port se koristi da se poveže za proizvod preko internet pregledača. Ukoliko promenite standardnu vrednost (80) za HTTP port, onda je potrebno da dodate "(svoj broj porta)" adresi proizvoda kada se povezujete za svoj proizvod preko internet pregledača. Na primer, ukoliko je vaša IP adresa 192.168.1.110 i HTTP port 8080 onda je `http://192.168.1.110:8080` adresa za pristup proizvodu uz pomoć internet pregledača. Konekcijski port se koristi da poveže vaš kompjuter sa proizvodom nakon uspostavljanja http konekcije.

Možete da aktivirate ili onemogućite ATC u meniju za ATC režim. ATC automatski podešava kvalitet video zapisa u zavisnosti od statusa mrežne konekcije.

Ethernet port monitora podržava DDNS. Registrovanjem vašeg proizvoda uz pomoć DDNS servera, možete se povezati za ethernet port monitora sa spoljašnje strane, koristeći ID DDNS servera, umesto IP adrese proizvoda. Ukoliko koristite bilo PPPoE ili DHCP da biste se povezali za ethernet port monitora, biće vam dodeljena nova IP adresa svaki put kada povežete proizvod sa mrežom. DDNS je naročito koristan u ovakvim okolnostima.



Napomena

Korišćenje DDNS-a

1. Registrujte se kao član na početnoj stranici iPOLiS-a (www.samsungipolis.com).
2. Prijavite se i registrujte svoj NVR uz pomoć menija za registraciju proizvoda u MY IPOLIS (MOJ IPOLIS). (Obratite pažnju da proverite duple domene kada registrujete svoj domen). Možete da proverite da li je vaš proizvod registrovan kako treba na spisku proizvoda.
3. Potom podesite upotrebu DDNS-a na "Enable" (omogućiti), unesite "www.samsungipolis.com" u domen servera (bez znaka navoda) i na kraju otkucajte ID i lozinku sa kojom ste se registrovali na kućnoj stranici iPOLiS-a.
4. Možete da pogledate status konekcije za svoj registrovani proizvod(e) na spisku proizvoda iPOLiS-a. ("ON" (UKLJUČENO) znači da je proizvod povezan sa DDNS-om).
5. Kliknite na Poveži se sa proizvodom), na opciji Spisak proizvoda) da biste se povezali sa svojim proizvodom.
6. Takođe možete da unesete `http://www.samsungipolis.com/ID` u svoje

polje za adresu internet pretraživača da biste se povezali sa svojim proizvodom. ("ID" je domen koji ste vi izabrali kada ste registrovali svoj proizvod.)

Ethernet port izvora može da se ponaša kao DHCP server da dodeli IP adresu povezanoj kameri. Unesite dve IP adrese—prvu i poslednju adresu IP opsega—da biste ograničili opseg dinamičnih IP-a. Ova opcija za DHCP server je naročito korisna kada želite da otvorite samo NVR ka spoljašnjoj mreži i držite povezane kamere u unutrašnjoj mreži.



Napomena

Da biste koristili DHCP server, metod za povezivanje za ethernet port izvora mora biti podešen na statičnu IP.



Napomena

- Prednji mrežni port (konfigurisani ethernet port) je fiksiran kao IP 192.168.1.100, HTTP port 80, konekcijski port 4000; ne možete da promenite ovo podešavanje.
- Kada se povezujete za sistem preko ethernet porta monitora umesto konfigurisanog ethernet porta, menjanje podešavanja ethernet porta monitora može da prekine konekciju. Ukoliko se to desi, potrebno je da upotrebite novu adresu da biste se povezali sa proizvodom.



Oprez

Ako promenite informacije o DHCP serveru, za primenu promena na sistemu može biti potrebno najviše 5 minuta.

Svi portovi koriste isti DNS server; možete imati do dva DNS servera. DNS1 se koristi kao standardni, a DNS2 se koristi kada DNS1 nije dostupan.

Upotreba RTP/RTSP vam omogućava da gledate video SRN-6450 u sistemu za nadgledanje bez da koristite internet pregledač. Da biste koristili RTP/RTSP, odaberite "Enable" (Omogući) u meniju za korišćenje RTSP-a i potom promenite RTSP i RTP brojeve porta u meniju za podešavanja. (RTSP se koristi za upravljanje video zapisom, a RTP se koristi za prebacivanje video podataka).

Multicast opcija je korisna kada šaljete video većem broju korisnika istovremeno bez previše konzumiranja protoka. Multicast je dostupan samo u lokalnoj mreži koja je konfigurisana sa ruterom za omogućavanje multicasta, ne može se koristiti preko interneta.



Napomena

- Broj porta RTSP-a ne može biti identičan broju konekcijskog porta za ethernet port monitora.
- Molimo vas da uzmete u obzir da ne biste trebali da menjate adresu osim ako niste upoznati sa multicast protokolom RTP-a. Standardna multicast adresa je 224.0.1.1.
- RTSP nadzor se primenjuje samo za MPEG-kompatibilne kamere. (H.264 i JPEG-kompatibilne kamere nisu podržane)



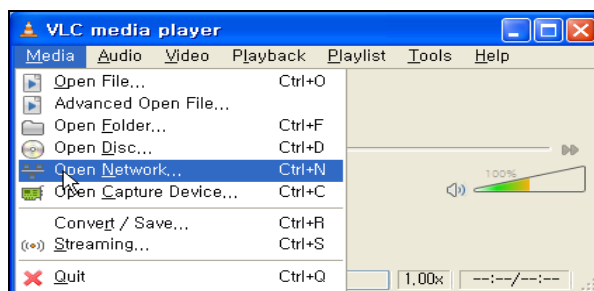
Napomena

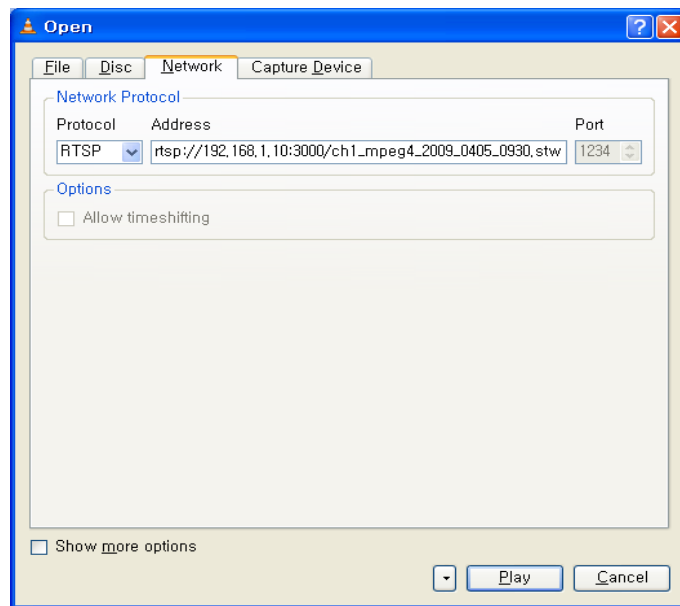
Da biste povezali svoj kompjuter sa proizvodom i gledali video preko RTP/RTSP-a, molimo vas da pratite instrukcije ispod. Za video plejer, preporučujemo korišćenje VLV medija plejera. (Neki plejeri kao što su Quicktime možda neće raditi kako treba, jer oni ne podržavaju povezivanje. Meni za konfiguraciju VLC medija plejera može da varira u zavisnosti od njegove verzije. (Verzija 0.9.8a ili novija.)

1. Na stranici za podešavanje mreže, odaberite "Enable" (Omogući) u meniju za korišćenje RTSP-a.

Da biste koristili multicast, odaberite "Enable" (Omogući) u meniju za korišćenje multicast-a.

2. Instalirajte i pokrenite VLC medija plejer na svom kompjuteru.
3. Ispod menija za medije, odaberite Otvorena mreža) ili jednostavno upotrebite tastere za prečicu (Ctrl+N) Odaberite RTSP ispod protokola.





4. U zavisnosti od tipa video zapisa, unesite adresu kao u primerima u sledećoj tabeli, a potom kliknite na Play (Reprodukcija). Kada koristite standardni broj porta RTSP-a, 554, možete da preskočite unošenje broja porta.

Video tip		Adresa
Uživo	U icast	rtsp://<IP>:<Port>/ch<channel>_mpeg4.stw
	Multicast	rtsp://<IP>:< rt>/mch<channel>_ pe 4.stw
Snimljeno	Unicast	rtsp://<IP>:<Port>/ch<channel>_mpeg4_<YYYY>_<MMDD>_<HHMM>.stw
	Multicast	rtsp://<IP>:<Port>/ch<channel>_mpeg4_<YYYY>_<MMDD>_<HHMM>.stw

tj.) Ukoliko je IP adresa ethernet porta monitora 192.168.1.10, a RTSP port 3000, unesite `rtsp://192.168.1.10:3000/ch1_mpeg4_2009_0405_0930.stw` da biste gledali video sa kanala 1 koji je snimljen 5-og aprila 2009-e u 9:30 ujutru.

Možete da registrujete svoju email adresu u ekranu Network Setup (Mrežno podešavanje), tako da vaš proizvod može da vas putem elektronske pošte obavesti kada dođe do definisanog događaja. Molimo pogledajte "4.6.3. Podešavanje događaja". Unesite adresu servera emaila koji se šalje ispod naziva SMTP servera i email adresu ispod Email to (Pošalji

email na). Ukoliko vaš server za poštu zahteva potvrdu o autentičnosti za slanje emaila, proverite autentičnost korisnika. Unesite svoj ID za prijavljivanje i lozinku za svoj server za poštu u opciji za ID i lozinku.



Napomena

Da biste koristili Email opciju, ethernet port monitora mora biti povezan za server pošte.



Napomena

Nova mrežna podešavanja se primenjuju samo ako pritisnete na .

4.6.7. Podešavanje vremena

Ova stranica se bavi podešavanjima vremena sistema.

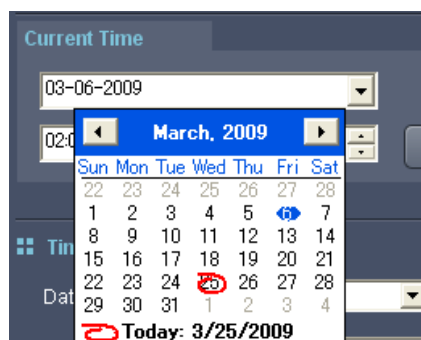
The screenshot shows a web-based configuration interface for system time. It is divided into three main sections:

- Current Time:** Features a date picker set to '03-06-2009' and a time picker set to '20:31:42'. A 'Set Time' button is located to the right of the time picker.
- Time Configuration:** Contains settings for 'Date Format' (mm.dd.yy), 'Time Format' (24h), and 'Time Zone' ((GMT 00:00) Greenwich Mean Time : Dublin, Edinburgh, Lisbon, London). It also includes 'Use DST' radio buttons (Disable is selected) and 'Start'/'End' date pickers for DST transitions (Mar 5th Sun 01:00:00 and Oct 5th Sun 02:00:00).
- NTP:** Includes 'Use Client' and 'Use Server' radio buttons (both are disabled). Below these are five input fields for NTP server addresses:
 - Public Server1 Address: pool.ntp.org
 - Public Server2 Address: asia.pool.ntp.org
 - Public Server3 Address: europe.pool.ntp.org
 - Public Server4 Address: north-america.pool.ntp.org
 - Public Server5 Address: time.nist.gov

An 'Apply' button is located at the bottom right of the interface.

Podesite trenutno vreme za proizvod ispod (Trenutno vreme)'. Trenutni datum je lociran iznad; trenutno vreme ispod. Odaberite stavku klikom na nju i koristite ili taster sa strelicom za naviše i naniže, ili taster sa brojem na svojoj tastaturi da biste primenili njenu vrednost. Taster za naviše i naniže može da se koristi umesto tastature da se promeni trenutno vreme.

Da biste prikazali kalendar, kliknite na u prozoru za datum. Trenutan datum proizvoda je označen plavom bojom. Trenutan datum proizvoda je označen plavom bojom. Trenutni datum vašeg kompjutera je zaokružen crvenom bojom na kalendaru, kao i ispisan na dnu kalendara. Da biste se pomerili na prethodni ili sledeći mesec, kliknite na ili na vrhu kalendara. Da biste promenili trenutni datum, kliknite na datum na kalendaru.



Format datuma vam omogućava da odaberete ili gg.mm.dd, mm.dd.gg ili dd.mm.gg. za prikaz trenutnog datuma. Gg je godina, mm je mesec i dd je dan. Možete da odaberete format vremena kao 24 časa i 12 časa za prikaz trenutnog vremena u Formatu vremena.

Kliknite na Vremensku zonu) da biste odabrali svoju vremensku zonu i grad. Ukoliko vaš grad koristi letnje računanje vremena, vreme će se automatski primeniti. Takođe možete ručno da odlučite da li da upotrebite DST ili ne sa DST upotrebom.

Možete da odaberete da koristite NTP klijent i NTP server u meniju za NTP. NTP (mrežni vremenski protokol) sinhronizuje vreme među različitim uređajima i sistemima povezanih sa mrežom; NTP klijent automatski komunicira sa registrovanim NTP serverima kako bi podesio njegovo podešavanje vremena. Za korišćenje NTP servera koji nije standardni, koristite adresu javnog servera.



Napomena

- Menjanje GMT podešavanja automatski menja trenutno vreme.
- Sinhronizovanje podešavanja vremena NTP servera i proizvoda može malo da potraje ukoliko promenite podešavanja za NTP klijenta sa Onemogućiti na (Omogućiti). Ažuriranje podešavanja vremena proizvoda nema odmah efekta; potrebno je da osvežite ekran tako što ćete otvoriti stranicu za podešavanje vremena).
- Da biste koristili opciju za NTP klijenta, javni NTP server i ethernet port monitora moraju da budu u istoj mreži.
- Kada se opcija za NTP server aktivira, ethernet port izvora se ponaša kao NTP server.



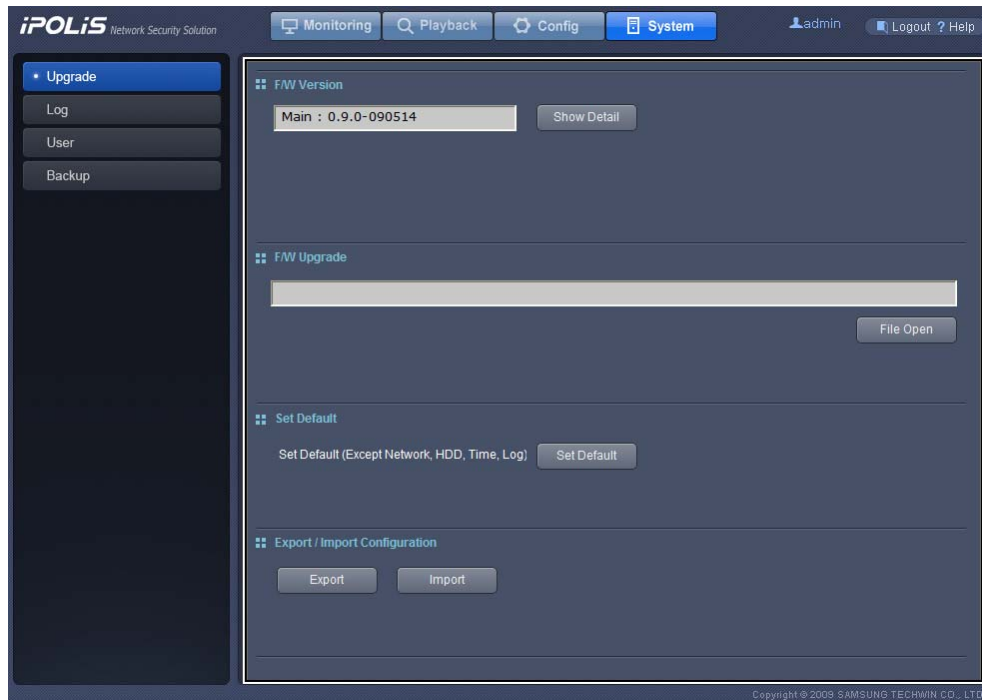
Napomena

Nova mrežna podešavanja se primenjuju samo ako pritisnete **Set Time**. Nova mrežna podešavanja i podešavanja NTP-a se primenjuju samo ako pritisnete

Apply

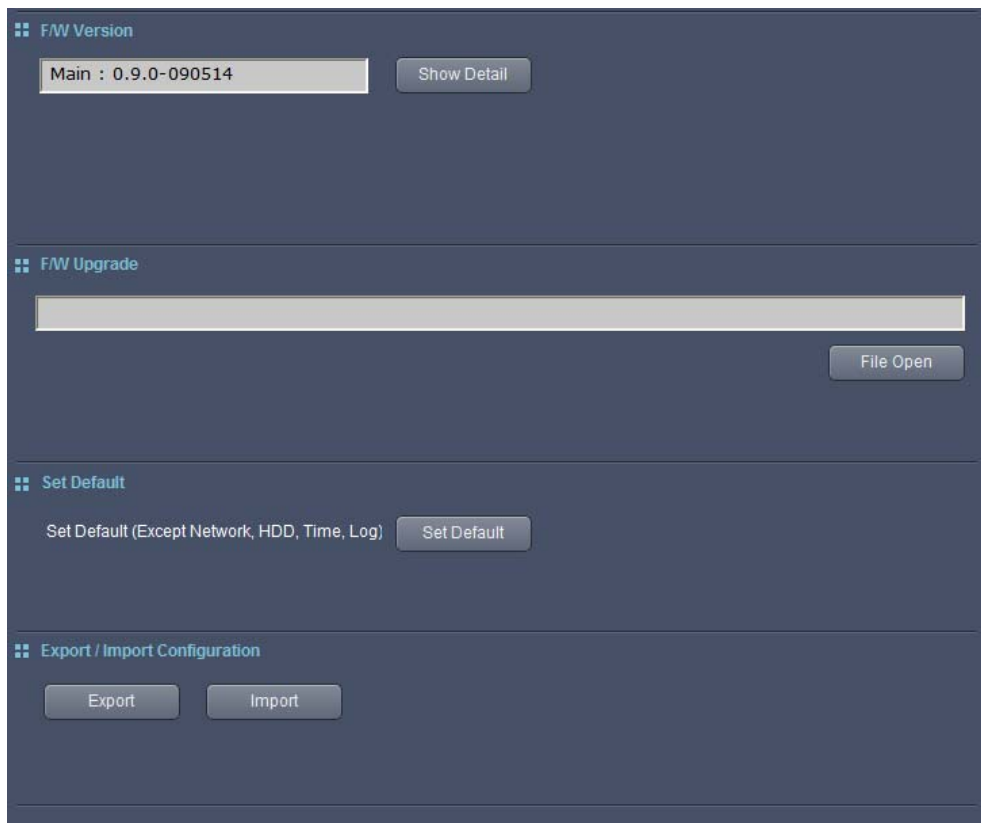
4.7. Sistem

Pojaviće se sledeća stranica kada odaberete  na vrhu ekrana. Klikom na jedan od tastera na levoj strani ekrana, možete otići na stranicu koja odgovara funkciji opisanoj na tom tasteru.

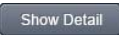


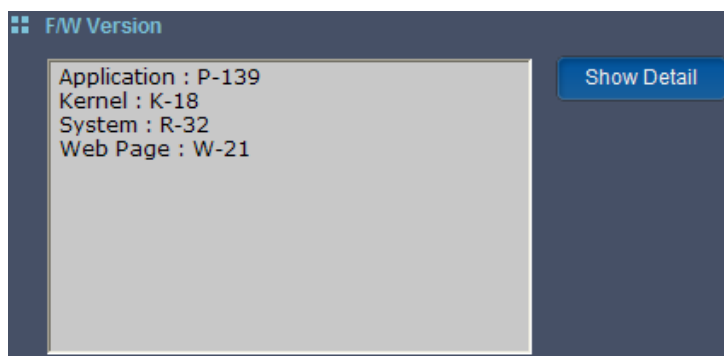
4.7.1. Ažuriranje

Prikazuje trenutnu verziju firmvera sistema i omogućava ponovna podešavanja i podešavanja.

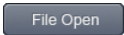


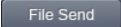
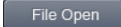
❖ F/W verzija

Na vrhu ekrana je trenutna verzija firmvera. Kliknite na  za više detalja kao što je prikazano na slici ekrana ispod.



❖ F/W ažuriranje

Da biste ažurirali firmver proizvoda, kliknite na  ispod menija za F/W ažuriranje i potom odaberite firmver fajl za ažuriranje.

Odabiranje firmver fajla aktivira  ispod . Kliknite na to da biste započeli ažuriranje fajla.

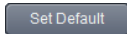


Napomena

Da biste preuzeli najnovije firmver fajlove, molimo vas da posetite Support > Download Center (Podrška > Centar za preuzimanje) na www.samsungcctv.com.

Nakon završetka procesa ažuriranja, sistem će se automatski ponovo startovati; bićete diskonektovani sa internet pregledača. Sistemu je potrebno otprilike 2 minuta da se ponovo startuje i uspostavi mrežnu konekciju.

❖ Podesite na standardno



resetuje podešavanja snimaka, događaja, kamere i korisničkog menija.

Za više informacija o podrazumevanim vrednostima podešavanja, molimo pogledajte "2.3. Standardna podešavanja".

❖ Ulazna / Izlazna konfiguracija

Možete da sačuvate trenutna podešavanja proizvoda kao fajl i potom da upotrebite fajl da biste povratili podešavanja u budućnosti. Da biste sačuvali trenutna podešavanja proizvoda kao fajl, kliknite na taster  i potom podesite naziv fajla i putanju.

Da biste ponovo startovali i povratili stara podešavanja sa fajla, kliknite na taster  i potom odaberite fajl za podešavanje.



Opres

Kada unosite stara podešavanja, ukoliko su stara RAID podešavanja drugačija od trenutnih, svi podaci unutrašnjeg HDD-a će biti obrisani.

4.7.2. Sistemski dnevnik

Možete da pregledate sistemski dnevnik na ovoj stranici.

The screenshot shows a web interface titled 'Log'. It has two tabs: 'System Log' (selected) and 'Event Log'. Below the tabs is a 'Type' dropdown menu set to 'All' and an 'Export' button. The main area contains a table with the following columns: Index, Time, Type, and Detail. The table lists various system events such as 'Config Changed', 'Power On', 'Power Off', 'Raid Rebuild Start', and 'Raid Build Start' with their corresponding timestamps and details. At the bottom of the table, there are 'Prev' and 'Next' buttons, a page indicator '1 / 7', and a 'Move' button.

Index	Time	Type	Detail
0001	2009-03-04 23:13:43	Config Changed	Network Page
0002	2009-03-04 23:13:42	Config Changed	Record Page
0003	2009-03-04 23:13:42	Config Changed	
0004	2009-03-04 23:13:36	Power On	
0005	2009-03-04 23:12:16	Power Off	
0006	2009-03-04 21:26:42	Raid Rebuild Start	Raid1 admin
0007	2009-03-04 18:23:01	Config Changed	Network Page
0008	2009-03-04 18:23:01	Config Changed	Record Page
0009	2009-03-04 18:23:01	Config Changed	
0010	2009-03-04 18:22:51	Power On	
0011	2009-03-04 04:16:23	Config Changed	Network Page
0012	2009-03-04 04:16:22	Config Changed	Record Page
0013	2009-03-04 04:16:22	Config Changed	
0014	2009-03-04 04:16:15	Power On	
0015	2009-03-04 04:10:38	Config Changed	Record Page
0016	2009-03-04 04:10:32	Config Changed	
0017	2009-03-04 04:00:36	Config Changed	Network Page
0018	2009-03-04 04:00:29	Power On	
0019	2009-03-01 21:10:28	Raid Build Start	admin
0020	2009-03-01 21:06:05	Raid Build Start	Raid1 admin
0021	2009-03-01 21:04:38	Raid Build Finish	Raid1
0022	2009-03-01 12:26:02	Raid Rebuild Start	Raid1 admin
0023	2009-03-01 09:36:48	Config Changed	Network Page
0024	2009-03-01 09:36:47	Config Changed	Record Page
0025	2009-03-01 09:36:47	Config Changed	
0026	2009-03-01 09:36:40	Power On	
0027	2009-03-01 09:32:38	Config Changed	Record Page
0028	2009-03-01 09:32:36	Config Changed	

Vrsta dnevnika vam omogućuje da odaberete koji dnevnik da pregledate: Dnevnik događaja ili sistemski dnevnik. **System Log** prikazuje dnevnike rada proizvoda dok **Event Log** prikazuje dnevnike unosa događaja poslatih sa povezanih kamera.

Odabiranjem tipa dnevnika u opciji za tip prikazuje samo taj tip dnevnika.

Da biste pogledali istoriju promena podešavanja sistema ili promene grupa događaja, kliknite duplim klikom na fajl dnevnika Promene konfiguracije ili na tip Kreirana grupa događaja. Detalji će se pojaviti kao što je prikazano na slici ekrana ispod.

The screenshot shows a detail view of a log entry. It contains a text box with the following text: 'Ip Channel4 by admin 192.168.7.126 --> 192.168.7.123'. Below the text box are 'Prev' and 'Next' buttons, a page indicator '1 / 7', and a 'Move' button.

Prev **Prev** i **Next** pomera na prethodnu ili sledeću stranicu. Da biste se pomerili direktno na stranicu, unesite broj stranice u kvadratiću za tekst i potom kliknite na **Move**.

Da biste sačuvali fajl sistemskog dnevnika na svoj kompjuter, kliknite na **Export**.

**Napomena**

Do po 10 000 dnevnika za sistemske dnevnike i dnevnike događaja se mogu sačuvati. Ukoliko broj bilo kog tipa dnevnika pređe preko 10 000, sistem će automatski obrisati najstarije dnevnike.

Sledeća tabela prikazuje različite tipove dnevnika.

<Sistemski dnevnik>

Tip dnevnika	Opis
Napajanje uključeno	Napajanje je bilo uključeno.
Napajanje isključeno	Napajanje je bilo isključeno.
Ponovno startovanje sistema	Sistem je ponovo startovan.
Snimanje uključeno	Započeto snimanje video zapisa.
Snimanje isključeno	Završeno snimanje video zapisa.
Formatiranje HDD-a	HDD je formatiran.
Povezivanje kamere	Kamera je bila povezana.
Promena konfiguracije	Konfiguracija proizvoda je bila promenjena.
HDD je pun	Ograničenje kapaciteta za HDD je dostignuto/pređeno.
HDD je dodat	HDD je bio dodat
HDD je uklonjen	Uklanjanje HDD-a
Početak građenja RAID-a	Započeto građenje RAID niz.
Završeno građenje RAID-a	Završeno građenje RAID niza.
RAID razgradnja	RAID niz je uklonjen.
Početak ponovne gradnje RAID-a	RAID je bio ponovo izgrađen.
Kreirana grupa događaja	Grupa događaja je kreirana.
Grupa događaja je obrisana	Grupa događaja je obrisana.
Bravica ključa je uključena	Bravica ključa je bila zaključana.
Bravica ključa je isključena	Bravica ključa je nezaključana.
Test HDD-a	Provera HDD-a je izvršena.
Izlaz fajla dnevnika	Dnevnik je izvežen.
Ažuriranje firmvera	Firmver je ažuriran
Podesite na standardno	Podešavanje na standardno je izvršeno preko internet pregledača.
Fabričko resetovanje	Fabričko resetovanje je izvršeno korišćenjem tastera na prednjem panelu.
RAID greška	Došlo je do greške RAID-a.
Provera greške HDD-a	Došlo je do greške u proveru HDD-a.
HDD I/O greška	HDD je naišao na I/O grešku.
Greška u ažuriranju	Došlo je do greške u ažuriranju firmvera.

Tip dnevnika	Opis
Mrežni status	Povezivanje sa mrežom je ili izgubljeno ili ponovo uspostavljeno.
Greška u povezivanju kamere	Došlo je do greške prilikom povezivanja sa kamerom.
Konfiguracija izvoza	Podešavanja proizvoda su izvežena na kompjuter za nadgledanje.
Konfiguracija uvoza	Stara podešavanja proizvoda su uvežena i ponovo vraćena.
Rez. kopija	Kreira rezervnu kopiju snimljenih podataka
Prijava	Prijavljivanje korisnika
Neusp. prijava	Pokušaj prijavljivanja nije uspeo
Odjava	Odjavljivanje korisnika
DDNS reg. Neusp.	DDNS nije registrovan

<Dnevnik događaja>

Tip dnevnika	Opis
Detekcija pokreta	Pokretanje je detektovano.
Senzor	Podešavanje senzora
Relej	Izlaz za relej.
V-LOSS: (GUBITAK VIDEO ZAPISA)	Video zapis je izgubljen sa kamere.
Nadgledanje konekcije	Ekran uživo je povezan.
Ulazna grupa	Događaj uključen u ulaznu grupu se javio.
Izlazna grupa	Događaj uključen u izlaznu grupu se javio.
Informisanost	Događaj određen u opciji za informisanost se javio.
Ručno brisanje alarma	Upotrebite NVR dugme napred za isključivanje "bipova"
Reprodukcija pokrenuta	Pristupite stranici reprodukcije za proveru video zapisa.

4.7.3. Podešavanja za korisnika

Na ovoj stranici možete da podesite lozinku administratora i da podesite ID, lozinku i privilegije za korisnički nalog.

The screenshot displays a web interface for configuring users, divided into two main sections: 'Admin' and 'User'.

Admin Section:

- Fields for 'Old Password', 'New Password', and 'Re-type New Password' are provided as text inputs.
- An 'Apply' button is located to the right of the password fields.

User Section:

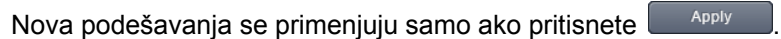
- The 'User ID' field contains the text 'User'.
- The 'Password' field contains a series of asterisks '*****'.
- Under the 'Authority' heading, there are three checkboxes: 'Monitoring' (checked), 'Playback', and 'PTZ/OSD Control' (unchecked).
- An 'Apply' button is located to the right of the authority checkboxes.

U opciji za administratora, možete da podesite novu lozinku za administratora. Unesite trenutnu lozinku u "Old Password" (Stara lozinka), unesite novu lozinku u "New Password" (Nova lozinka), potvrdite novu lozinku u "Re-type New Password" (ukucajte ponovo novu lozinku), potom kliknite na taster . Lozinka administratora se koristi za prijavljivanje na nalog administratora, a to je nalog administratora sistema sa najvišim nivoom ovlašćenja.

Pored naloga administratora, možete da podesite jedan korisnički nalog sa ograničenim ovlašćenjima. Korisničkom nalogu su data ovlašćenja od strane administratora ispod menija sa ovlašćenjem. Nadgledanje i reprodukcija se odnose na menije koji se koriste prilikom pristupanja proizvodu preko internet pregelača; PTZ/OSD upravljanje se odnosi na PTZ i OSD funkcije povezanih kamera.

(Pogledajte "4.4.3. PTZ kontrola" i "4.4.4. Kontrola PRIKAZA NA EKRANU")

Ukoliko želite da promenite ID korisničkog naloga, lozinku ili privilegije, možete to uraditi unošenjem nove ID u Korisnička ID, unošenjem nove lozinke u Lozinka i proverom ovlašćenja data korisničkom nalogu. Kliknite na  da biste omogućili promene.



4.7.4. Rezervna kopija

Pravljenje rezervne kopije video fajlova sa proizvoda na kompjuter.

Da biste odabrali period snimanja za rezervnu kopiju video fajlova, kliknite na taster

Odabiranje kanala u opadajućem meniju Kanala prikazuje snimljene periode kanala u panelima From (Od) i To (Do) pod menijem Date/Time /Datum/Vreme). Odaberite početno i završno vreme rezervne kopije video fajlova u Od i Do panelima, a potom kliknite na taster  da biste započeli pravljenje rezervne kopije video fajlova.

Backup

Search Type:

Event & Channel

Input Group:

Channel:

Date/Time

From:

To:

Download Folder:

Index	CH	Start Time	End Time	Download Status
0	1	2009-05-13 21:13:06	2009-05-13 21:13:15	
1	1	2009-05-13 21:13:45	2009-05-13 21:13:53	
2	1	2009-05-13 21:14:23	2009-05-13 21:14:29	
3	1	2009-05-13 21:14:35	2009-05-13 21:14:50	
4	1	2009-05-13 21:15:00	2009-05-13 21:15:04	
5	1	2009-05-13 21:15:08	2009-05-13 21:15:21	
6	1	2009-05-13 21:15:33	2009-05-13 21:15:39	
7	1	2009-05-13 21:15:55	2009-05-13 21:16:02	
8	1	2009-05-13 21:16:22	2009-05-13 21:16:24	
9	1	2009-05-13 21:16:30	2009-05-13 21:16:37	
10	1	2009-05-13 21:17:16	2009-05-13 21:17:24	
11	1	2009-05-13 21:17:30	2009-05-13 21:17:42	
12	1	2009-05-13 21:18:35	2009-05-13 21:18:41	
13	1	2009-05-13 21:18:47	2009-05-13 21:18:54	
14	1	2009-05-13 21:18:58	2009-05-13 21:19:05	
15	1	2009-05-13 21:19:40	2009-05-13 21:19:46	
16	1	2009-05-13 21:20:02	2009-05-13 21:20:09	

SLIM Player Download

Da biste napravili rezervnu kopiju video fajlova određenog događaja, upotrebite taster Event (Događaj) i pretražite događaje. Odabiranjem ulazne grupe događaja u panelu ulazne grupe prikazuje spisak kanala koji sadrže video fajlove odabranog događaja. Odaberite kanal, odaberite željena vremena u Od i Do panelima i potom kliknite na taster da biste prikazali spisak video fajlova odabranog događaja koji su sačuvani u odabranom periodu. Odaberite rezervnu kopiju za video fajlove na spisku i potom kliknite na taster da biste započeli sa pravljanjem rezervne kopije fajlova. Za odabiranje više fajlova, koristite Ctrl + klik ili Shift + klik. Klik na taster odabira sve rezultate pretrage.



Napomena

- Maksimalni period za pretraživanje je 7 dana.
- Ukoliko je više od 500 video fajla događaja snimljeno u okviru odabranog perioda za pretragu, podaci sačuvani posle dana za koji je snimljeno i akumulirano 500 ili više video fajlova se ne pretražuju. (Na primer, ako se video fajlovi pretražuju od 10-og do 15-og i 800 akumuliranih video fajlova je sačuvano do 11-og, program neće pretraživati datume sačuvane nakon 11-og i prikazaće rezultate pretrage samo do 800-og fajla).
- Događaji koji su se javili u toku režima za normalno snimanje se ne mogu pretražiti.
- Nemojte klikovati tasterom miša ili pritiskati bilo koji taster tokom procesa kreiranja rezervne kopije. Ako se pozicija kursora u okviru prozora promeni biranjem druge stavke ili prelaskom na sledeću karticu, kreiranje rezervne kopije neće biti pravilno obavljeno. Kreiranje rezervne kopije će se zaustaviti ako otvorite drugu stavku tokom ovog procesa.

Taster	Naziv	Funkcija
1	Odaberi folder	Upotrebite ovaj taster da biste otvorili folder koji sadrži rezervnu kopiju video fajlova. Dostupni video fajlovi su dati prema redosledu vremena ili kanala
2	Odaberi/Poništi ceo odabit	Odaberi ili poništi odabir svih fajlova.
3	Odaberi fajl	Odaberi jedan ili više fajlova.
4	Poništi odabir fajla	Poništi odabir jednog ili više fajlova.
5	Reprodukcija	Reprodukuju odabrane fajlove jedan po jedan.
6	Stop	Zaustavi reprodukciju i poništi odabir na spisku za reprodukciju.
7	Informacije o kanalima	Prikaži informacije o sačuvanim kanalima.
8	Informacije o vremenu	Prikaži vreme trajanja video fajla koji se reprodukuje.
9	Brzina reprodukcije	Podesi brzinu reprodukcije plejera. 1x, 2x, 4x, i 8x.
10	Opcije za reprodukciju	Opcije za reprodukciju: Preskoči frejm unazad Reprodukuju unazad Pauziraj Reprodukuju unapred Preskoči frejm unapred
11	Ekran. Veličina	Podesi veličinu ekrana plejera. - 1x/2x/Ceo ekran - 704x240 i 704x288 video fajlovi se mogu uvećati 2x bez da se smanji kvalitet slike.
12	Slika ekrana	Sačuvaj trenutni ekran kao JPEG fajl.
13	Rotiraj 180°	Okreće trenutni ekran za 180°.
14	Audio	Uključuje ili isključuje audio.
15	Spisak za reprodukciju	◊ : Čeka ▶ : Reprodukcija unapred ◀ : Reprodukcija unazad ■ : Pauza ■ : Stop
16	Provera vodenog žiga	Aktivirajte ili onemogućite opciju provere vodenog žiga.

Poglavlje 5. LCD podešavanje

LCD prednjeg panela podrazumevano prikazuje trenutno vreme i status snimanja (prikazano ispod).



Prva linija na LCD-u pokazuje Godinu, Mesec, Dan, Sat i Minut. Druga linija ukazuje na broj aktivnih kanala/ukupno kanala i RAID režim.

Korišćenjem LCD-a i <, ^, v, >, ENTER i ESC tastera sa vaše desne strane, možete da proverite status sistema i da promenite neka od podešavanja.

- **Tasteri za naviše i naniže:** Koriste se za kretanje između menija i biraju slova i brojeve u režimu za tekst.
- **Tasteri za levo i desno:** Koriste se za pomeranje kurzora u režimu za unos teksta.
- **Taster za unos, ENTER:** Prelazi na sledeću fazu.
- **ESC taster:** Kada se pritisne, vraća se na prethodnu fazu. Kada ga držite pritisnutog 2 sekunde ili duže, pomera se glavni ekran koji prikazuje trenutno vreme i status snimanja.



Napomena

Ovi tasteri su zaključani kada je taster Lock (Zaključaj) na prednjem panelu zaključan.

5.1. Sistem

Na podrazumevanom LCD ekranu, pritisnite $\wedge$, $\vee$ da pređete na ekran prikazan ispod i pritisnite ENTER.

1. System
[SET]

Pod-meniji će se pojaviti gde možete da koristite $\wedge$, $\vee$ tastere za navigaciju.

1. Firmware Version
2. Key Beep On/Off

3. Relay off
4. System Update

5. Factory Reset
6. Test HDD

7. System Power Off

5.1.1. Proveravanje firmver verzije

Pod opcijom Sistem, odaberite 1. Firmver verzija i potom pritisnite Enter. Trenutna firmver verzija sistema prikazuje se kako je prikazano na ilustraciji ispod.

U nastavku je dat uzorak slike kao referenca; verzija firmvera se razlikuje zavisno od modela.

Firmware Version
0.1.4-090309

5.1.2. Uključivanje/isključivanje bipa

Možete da uključite ili da isključite bip tastera prednjeg panela koristeći ovu stavku menija.

Pod opcijom Sistem, odaberite 2. Uključen/isključen bip tastera i potom pritisnite ENTER.

1. On
2. Off

Odabiranje "1. On" i pritiskanje tastera Enter uključuje bip. Odabiranje "2. Off" i pritiskanje tastera Enter isključuje bip. U svakom slučaju, pojaviće se sledeća poruka.

Key Beep is On!

Key Beep is Off!



Napomena

Bip zvuk se automatski uključuje nakon restartovanja sistema, čak i ukoliko je isključen.

5.1.3. Isključivanje releja

Pod opcijom Sistem, odaberite 3. Isključivanje releja i potom pritisnite taster ENTER. Sledeća poruka se pojavljuje dok se izlazi za Relej 1, 2 na zadnjem panelu uklanjaju.

Relays are off!



Napomena

- Za detaljna uputstva o podešavanju releja za izlaz, molimo vas pogledajte "4.6.3. Podešavanje događaja
- "
- Bip zvuk praćen događajima do kojih dolazi se isključuje ukoliko pritisnete bilo koji taster na panelu.

5.1.4. Ažuriranje sistema



Napomena

- Da biste ažurirali sistem, USB fleš drajv koji sadrži fajl kojim se ažurira mora da se poveže za USB port na zadnjem panelu.
- Datoteka za ažuriranje firmvera počinje slovima „srn“ za ime i završava se ekstenzijom „.bin“.
- Fajl za ažuriranje firmvera mora da se nalazi u osnovnom direktorijumu fleš drajva. Ukoliko postoji više od jednog fajla za ažuriranje na fleš drajvu, ažuriranje firmvera možda neće biti ispravno instalirano.
- Da preuzmete najnovije fajlove za ažuriranje, molimo vas da posetite Support > Download Center na adresi www.samsungcctv.com.

Pod opcijom Sistem, odaberite 4. Ažuriranje sistema i potom pritisnite Enter.

Ukoliko je USB flaš drajv koji sadrži ažuriranje firmvera detektovan, sistem prikazuje poruku koja vas pita da li želite da nastavite ili želite da prekinete ažuriranje, kako je prikazano na ilustraciji ispod.

Warning! All actions
will be stopped

Update Firmware?
Yes: Enter No: Esc

Kada pritisnete Enter, pojaviće se sledeća poruka dok se odabrani firmver ažurira. Jednom kada je proces ažuriranja okončan, sistem se automatski restartuje. Da se vratite na prethodnu fazu, pritisnite ESC. Da otkazete ažuriranje i da se vratite nazad na glavni ekran, držite pritisnut ESC taster u trajanju od 2 sekunde ili duže.

System Update
is in Progress...

System will reboot
after 5 seconds

Rebooting system
is in Progress...

Ukoliko USB fleš drajv nije ubačen u USB terminal na zadnjem panelu proizvoda, pojaviće se sledeća poruka o grešci.

There's no usb stick
Check usb please...

Ukoliko je USB fleš drajv ubačen, ali ne sadrži fajl za ažuriranje firmvera, pojaviće se sledeća poruka o grešci.

No f/w file in usb
Check usb please...

5.1.5. Inicijalizacija podešavanja

Pod opcijom Sistem, odaberite 5. Fabričko podešavanje i potom pritisnite ENTER. Pojaviće se poruka na ekranu koja će od vas zatražiti da potvrdite kako želite da resetujete sve konfiguracije na podrazumevana fabrička podešavanja.

Warning! All actions
will be stopped

Are you sure?
Yes: Enter No: Esc

Kada pritisnete ENTER, pojaviće se sledeće poruke dok se podešavanja inicijaliziraju. Kada je inicijalizovan, sistem se vraća na podrazumevana fabrička podešavanja. Da se vratite na prethodnu fazu, pritisnite ESC. Da otkazete inicijalizaciju i da se vratite nazad na glavni ekran, držite pritisnut ESC taster u trajanju od 2 sekunde ili duže.

Factory reset
is in Progress...

System will reboot
after 5 seconds

Rebooting system
is in Progress...

Za više informacija o vrednostima podrazumevanih podešavanja, molimo vas pogledajte "2.3. Standardna podešavanja".



Napomena

Fabričko resetovanje ne resetuje RAID podešavanja sistema i ne briše podatke koji se čuvaju na HDD-ima.

5.1.6. Provera HDD-a

Pod opcijom Sistem, odaberite 6. Testirajte HDD i potom pritisnite Enter. Pojaviće se sledeća poruka koja će vas upitati da odaberete HDD koji želite da proverite.

HDD to examine
Internal HDD? [1]

HDD to examine
RAID PARTITION? [1]

Nakon odabiranja HDD-a, pojaviće se poruka koja će vas upitati da li zaista želite da obavite proveravanje diska za odabrani HDD.

Record on this HDD
will be stopped

Are you sure?
Yes: Enter No: Esc

Kada pritisnete ENTER, pojaviće se sledeća poruka dok se proces proveravanja HDD-a inicijalizira. Jednom kada se proces završi, ekran prikazuje rezultate provere.

Executing...
Please Wait!!!

Examining Int HDD[1]
is in Progress...

Examining Int HDD[1]
[DONE]

```
HDD test result:
0 bad block
```

Rezultati provere ostaju na ekranu dok ne kliknete na taster.

Kada odabirate HDD koji nije dostupan ili nije povezan, pojaviće se sledeća poruka.

```
Internal HDD [1]
is empty!!
```

```
RAID PARTITION [1]
Does not exist!
```

```
Check HDD to Examine
Please Try Again
```



Napomena

- Kada se HDD proverava, novi podaci se ne čuvaju na HDD-u ili nja njegovom RAID nizu. Međutim, ukoliko su dostupni drugi HDD ili drugi HDD niz, tada se podaci čuvaju na HDD-u ili nizu.
- Opcija za proveravanje HDD-a je dostupna samo za unutrašnje HDD-e.

5.1.7. Gašenje sistema

Pod opcijom Sistem, odaberite 7. Gašenje sistema i potom pritisnite Enter. Pojaviće se sledeća poruka koja će vas upitati da li zaista želite da ugasi sistem.

```
Are you sure?
Yes: Enter  No: Esc
```

Kada pritisnete ENTER, pojaviće se sledeće poruke dok se sistem gasi. Da se vratite na prethodnu fazu, pritisnite ESC. Da otkazete gašenje i da se vratite nazad na glavni ekran, držite pritisnut ESC taster u trajanju od 2 sekunde ili duže.

```
Preparing Poweroff
is in Progress...
```

```
System will be down
in seconds
```

Ove poruke se takođe pojavljuju kada se prekidač za napajanje na zadnjem panelu proizvoda pritisne, dok se sistem u potpunosti ne ugasi.

5.2. Podešavanje mreže

Na podrazumevanom LCD ekranu, pritisnite $\wedge$, $\vee$ da biste pomerili ekran prikazan ispod i potom pritisnite ENTER.

2. Network Setup [SET]

Pojaviće se podmeniji gde možete da upotrebite tastere $\wedge$, $\vee$ za navigaciju.

1. Monitoring Port 2. Source Port

3. Storage Port



Napomena

Za informacije o svakom mrežnom podešavanju i radu mreže, molimo vas pročitajte "{REF}"(Page {PAGEREF})

5.2.1. Podešavanje ethernet porta monitora

Ethernet port monitora je port koji se koristi da poveže vaš kompjuter sa proizvodom.

Pod opcijom Network Setup (Mrežno podešavanje), odaberite 1. Ethernet port monitora, a potom pritisnite ENTER.

1. Use Static IP 2. Use DHCP (Client)
--

3. Use PPPoE 4. Use DDNS

Upotrebite jednu od 3 opcije da podesite IP adresu za Ethernet port monitora. Odabiranje stavke 4 iz menija vam omogućava da koristite DDNS umesto IP adrese.

❖ Podešavanje statične IP

Pritisnite $\wedge$ i $\vee$ da odaberete 1. Upotrebite Statičnu IP, a potom pritisnite Enter.

IP Address 0.0.0.0

Pritisnite tastere $\wedge$, $\vee$ da odaberete brojeve (0~9), razmak i tačku (.); pritisnite tastere $<$, $>$ da se krećete između brojeva. Kada završite sa unosom IP adrese, pritisnite Enter.

Subnet Mask 0.0.0.0
Gateway 0.0.0.0
DNS1 Server IP 192.168.1.1

Unesite Subnet masku, adresu prolaza (gateway) i adresu DNS Servera 1 na isti način.

Confirm IP Setup? Yes: Enter No: Esc

Pritiskom na Enter prelazite na sledeći ekran, dok se IP adresa za Ethernet port monitora čuva. Da se vratite na prethodnu fazu, pritisnite ESC. Da otkazete nova podešavanja i da se vratite nazad na glavni ekran, držite pritisnut ESC taster u trajanju od 2 sekunde ili duže.

IP Setup [DONE]



Napomena

- Adresa DNS1 može se podesiti pod opcijom Monitor Ethernet Port Port > Static IP. DNS 2 adresa se nalazi pod Source Port > Static IP. Jednom kada ih podesite, ove DNS servere koriste svi portovi.
- DNS1 se koristi kao podrazumevano, a DNS2 je za podršku.

❖ Podešavanje DHCP klijenta

Pritisnite $\wedge$ i $\vee$ da odaberete 2. Upotrebite DHCP (Client) i potom pritisnite Enter.

Use DHCP Client? Yes: Enter No: Esc
--

Pritisak na Enter prelazi na sledeći ekran, dok se Monitor Ethernet Port ažurira da koristi DHCP. Da se vratite na prethodnu fazu, pritisnite ESC. Da otkazete nova podešavanja i da se vratite nazad na glavni ekran, držite pritisnut ESC taster u trajanju od 2 sekunde ili duže.

Client Mode Setup [DONE]

❖ PPPoE podešavanje

Pritisnite $\wedge$ i $\vee$ da odaberete 3. Koristi PPPoE, a potom pritisnite Enter.

ID a

Pritisnite tstore $\wedge$, $\vee$ da odaberete karaktere (a~z) i razmak; pritisnite taster $<$, $>$ da pređete na sledeći karakter. Kada završite sa unošenjem ID za korišćenje, pritisnite Enter.

Password a

Ponovite korake da biste uneli lozinku a potom pritisnite Enter.

Confirm PPPoE Setup? Yes: Enter No: Esc
--

Pritiskom na Enter prelazite na sledeći ekran, dok se PPPoE podešavanja za Ethernet port monitora čuva. Da se vratite na prethodnu fazu, pritisnite ESC. Da otkazete nova podešavanja i da se vratite nazad na glavni ekran, držite pritisnut ESC taster u trajanju od 2 sekunde ili duže.

PPPoE podešavanje



Napomena

- Menjanje metoda mrežne konekcije sa PPPoE na DHCP ili na Statičnu IP automatski restartuje sistem.

❖ DDNS podešavanje

Pritisnite $\wedge$ i $\vee$ da odaberete opciju 4. Koristite DDNS, a potom pritisnite Enter.

Server Domain www.samsungipolis.com
--

Podrazumevani DDNS server je www.samsungipolis.com. Da biste koristili DDNS server koji nije iPOLiS, upotrebite $\wedge$ i $\vee$ da odaberete između alfanumeričkih karaktera (a-z i 0-9), razmaka i tačke (.); koristite $<$ and $>$ da se krećete između karaktera i da uredite podrazumevanu DDNS adresu.

Pritisnite Enter kada završite sa unosom adrese DDNS servera.

ID a

Password a

Ponovite korake da unesete ID za prijavljivanje i lozinku novog DDNS servera.

Confirm DDNS Setup? Enter: Yes Esc: No

Pritisak na Enter prebacuje vas na sledeći ekran, a nova DDNS podešavanja se čuvaju. Da se vratite na prethodnu fazu, pritisnite ESC. Da otkazete nova podešavanja i da se vratite nazad na glavni ekran, držite pritisnut ESC taster u trajanju od 2 sekunde ili duže.

DDNS Server Setup [DONE]

5.2.2. Podešavanje ethernet porta izvora

Ethernet port izvora se koristi za komuniciranje između proizvoda i kamere.

Pod opcijom Network Setup (Mrežno podešavanje), odaberite 2. Source Ethernet Port (Ethernet port izvora), a potom pritisnite ENTER.

1. Use Static IP 2. Use DHCP (Client)
--

3. Use PPPoE 4. Use DHCP (Server)

Koristite jednu od prve 3 opcije da podesite IP adresu za Ethernet port izvora. Za detaljna uputstva o podešavanju porta, molimo vas da pogledate podešavanja za Statičnu IP, DHCP klijenta i PPPoE pod "5.2.1. Podešavanje ethernet porta monitora".

Odabiranje stavke 4 iz menija vam omogućava da koristite opciju za DHCP server.

❖ Podešavanje DHCP servera

Pritisnite $\wedge$ i $\vee$ da odaberete 4. Koristite DHCP (Server), a potom pritisnite Enter.

```
IP Range: from
0
```

Pritisnite tastere $\wedge$, $\vee$ da odaberete brojeve (0~9), razmak i tačku (.); koristite $<$ i $>$ da se krećete između karaktera.

```
IP Range: to
0
```

Repeat the steps to enter the ending IP address for the range.

```
Use DHCP Server?
Yes: Enter  No: Esc
```

Pritisak na Enter prebacuje vas na sledeći ekran, a nova podešavanja za DHCP Server se čuvaju. Da se vratite na prethodnu fazu, pritisnite ESC. Da otkazete nova podešavanja i da se vratite nazad na glavni ekran, držite pritisnut ESC taster u trajanju od 2 sekunde ili duže.

```
Server Mode Setup
      [DONE]
```

5.2.3. Podešavanje ethernet porta skladištenja

Ethernet port skladištenja se koristi za komuniciranje između proizvoda i NAS-a.

Pod opcijom Network Setup (Mrežno podešavanje), odaberite 3. Use Storage Ethernet Port (Koristite ethernet port skladištenja), a potom pritisnite ENTER.

```
1. Use Static IP
2. Use DHCP (Client)
```

```
3. Use PPPoE
```

Koristite jednu od prve 3 opcije da podesite IP adresu za Ethernet port izvora. Za detaljna uputstva o podešavanju porta, molimo vas da pogledate podešavanja za Statičnu IP, DHCP klijenta i PPPoE pod "5.2.1. Podešavanje ethernet porta monitora".

5.3. Podešavanje HDD režima

Na glavnom ekranu, pritisnite $\wedge$ i $\vee$ da pređete na sledeći ekran, a potom pritisnite Enter.

3. HDD Mode Setup
[SET]

Pojaviće se podmeniji gde možete da koristite $\wedge$ i $\vee$ za navigaciju.

1. Normal
2. RAID1

2. RAID1
3. RAID5

Odaberite operativni režim HDD-a i potom pritisnite Enter. Pojaviće se sledeća poruka upozorenja. Normalno je režim koji nije RAID.

Warning! All Record
data will be removed

Nakon što poruka upozorenja bude prikazana u trajanju od 3 sekunde, ekran se pomera na sledeći ekran koji odgovara odabranom režimu.

Unbuild RAID?
Yes: Enter No: Esc

Use RAID1?
Yes: Enter No: Esc

Use RAID5?
Yes: Enter No: Esc

Pritisnite Enter da promenite HDD režim na odabrani režim. Da se vratite na prethodnu fazu, pritisnite ESC. Da otkazete nova podešavanja i da se vratite nazad na glavni ekran, držite pritisnut ESC taster u trajanju od 2 sekunde ili duže.

Dok se konfiguriše novi RAID režim, pojavljuju se po redosledu sledeće poruke, koje informišu o progresu i o preostalom vremenu.

Preparing RAID1
is in Progress...

Rebooting system
is in Progress...

Build RAID1: 48.8%
Finish: 37.6min

RAID1 Setup
[DONE]

(Kada su odabrani RAID1 ili RAID5.)

Unbuilding RAID
is in Progress...

Rebooting system
is in Progress...

Unbuilding RAID
[DONE]

(Kada je odabrano Normalno.)

Ukoliko je HDD već podešen na novi RAID režim, pojavljuje se sledeća poruka. .

Current HDD mode is
RAID1 mode

Current HDD mode is
Normal mode

Check HDD mode and
Please Try Again!

Ukoliko broj postojećih HDD-ova nije dovoljan, pojavljuje se sledeća poruka. RAID1 zahteva da najmanje 2 HDD-a budu opremljeni jedan pored drugog, HDD1 i HDD2, ili HDD3 i HDD4, dok RAID5 zahteva da budu opremljena sva 4 HDD-a.

There are not enough
HDD to build RAID5

Check HDD mode and
Please Try Again!



Napomena

- RAID (Redundant Array of Independent Disks, Suvvisni niz nezavisnih diskova) pomaže vam da čuvate podatke na bezbednom mestu u slučaju da se HDD sistema ošteti.
- Odabiranje RAID1 konfiguriše HDD1 and HDD2 kao jedan niz, a HDD3 i HDD4 kao drugi niz. RAID1 koristi 2 fizička HDD-a kao 1 funkcionalni HDD. Na primer, konfigurisane HDD1-a i HDD2—dok je svaki opremljen HDD-om od 500GB HDD—u RAID1 prikazuje funkcioni HDD sistem kao jedan 500GB

RAID. U RAID1 režimu, podaci se ne gube čak i ukoliko je jedan od dva HDD-a RAID niza oštećen.

- Odabiranje RAID5 konfiguriše 4 HDD-a u 1 RAID niz. RAID5 koristi 4 fizička HDD-a kao 3 funkcionalna HDD-a. Na primer, konfigurisanje HDD1, 2, 3 i 4—dok je svaki opremljen HDD-om od 500GB HDD—u RAID5 prikazuje funkcioni HDD sistem kao jedan 1.5TB RAID. U RAID5 režimu, podaci se ne gube čak i ukoliko je jedan od četiri HDD-a oštećen.
- Da biste konfigurisali RAID režim, HDD-i moraju biti iste veličine. Izuzetno preporučujemo da koristite istu marku i model HDD-a da biste konfigurisali RAID.
- RAID podešavanja su dostupna samo za unutrašnje HDD-ove.
- Izgradnja RAID režima korišćenjem 4 x 500GB HDD traje otprilike 3 sata za RAID1 i 4 sata za RAID5.

(Preporučuje se korišćenje UPS-a pri konfigurisanju RAID-a zato što bi rekonfigurisanje RAID-a zbog nestanka struje tokom prvog pokušaja moglo potrajati.)



Oprez

- **Promena RAID podešavanja na novi režim automatski briše sve podatke u HDD-u proizvoda, a novi video zapisi se ne čuvaju dok novi RAID mode nije u potpunosti konfigurisan.**
- **Kada se proizvod abnormalno isključi, na primer izvlačenjem kabla za struju, a potom uključi, proizvod će možda rekonfigurisati svoja RAID podešavanja automatski da bi osigurao integritet sačuvanih podataka. Dok se novi RAID režim konfiguriše, postojeći podaci se ne gube, ali novi podaci takođe neće biti sačuvani.**
- **Ukoliko su više od dva RAID konfigurisana HDD-a pokvarena ili uklonjena iz proizvoda, RAID konfiguracija neće raditi, izazivajući gubitak podataka.**
- **Tokom korišćenja RAID konfiguracije, ni u kom slučaju ne treba pokretati proceduru „Remove HDD“ (Ukloni HDD) iz LCD menija.**
- **Ako bilo koji od HDD-a otkaže za vreme RAID procedure, neophodno je zameniti neispravne HDD što je pre moguće, kako bi se povratila stabilnost sistema.**

5.4. Uklanjanje HDD-a

Na glavnom ekranu, pritisnite $\wedge$ i $\vee$ da pređete na sledeći ekran a potom pritisnite Enter.

4. Remove HDD
[SET]

Pojavljuje se ekran prikazan ispod gde možete da koristite $\wedge$ i $\vee$ da odaberete HDD-ove koje želite da uklonite.

HDD Number to remove
Internal HDD? [1]

HDD Number to remove
External Bay? [1]

Odaberite broj unutrašnjeg HDD-a ili eksterne HDD police i pritisnite Enter. Kada pritisnete Enter, pojaviće se sledeća poruka dok se odabrani HDD uklanja.

Executing...
Please Wait!!!

Remove Int HDD[1]
[DONE]

Remove Ext Bay[1]
[DONE]

Jednom kada se pojavi poruka [Obavljeno], možete fizički da uklonite HDD iz proizvoda.

Kada odabirate HDD koji nije dostupan ili nije povezan, pojaviće se sledeća poruka.

Internal HDD[1]
is empty!!

External Bay[1]
is not connected!!

Check HDD to Remove
Please Try Again



Napomena

Broj za unutrašnji HDD ili spoljašnju HDD policu se određuje u zavisnosti od toga za koji su port proizvoda povezani. Dostupni brojevi su 1, 2, 3 i 4 sa gornje leve strane i desno do donje leve i desne strane. Molimo vas pogledajte "2. Poglavlje - Nazivi delova".

5.5. Formatiranje HDD-a

Na glavnom ekranu, pritisnite $\wedge$ i $\vee$ da pređete na ekran prikazan ispod, a potom pritisnite Enter.

```
5. HDD Format
      [SET]
```

Ekran prikazan ispod pojavljuje se gde možete da koristite $\wedge$ i $\vee$ da odaberete HDD za formatiranje.

```
1. Internal HDD
2. External HDD
```

```
2. External HDD
3. All HDD
```



Oprez

Nikada ne formatirajte HDD u sredini izrade/obnove RAID konfiguracije.

5.5.1. Formatiranje jednog unutrašnjeg HDD-a

Pod opcijom HDD Format (Formatiranje HDD-a), odaberite 1. unutrašnji HDD, i potom pritisnite Enter.

```
1. Individual HDD
2. All Internal HDD
```

1. Odaberite 1. Pojedinačni HDD, i potom pritisnite Enter.

```
HDD Number to format
Internal HDD? [1]
```

Upotrebite $\wedge$, $\vee$ tastere da odaberete broj HDD-a za formatiranje a potom pritisnite ENTER.

```
Format HDD [1]?
Yes: Enter  No: Esc
```

Kada pritisnete ENTER, pojaviće se sledeće poruke dok se odabrani HDD formatira. Da se vratite na prethodnu fazu, pritisnite ESC. Da otkazete formatiranje i da se vratite nazad sa glavnog ekrana, držite pritisnut ESC taster u trajanju od 2 sekunde ili duže.

```
Formatting HDD  
is in Progress...
```

```
HDD Format  
[DONE]
```

Kada odabirate HDD koji nije dostupan ili nije povezan, pojaviće se sledeća poruka.

```
Internal HDD[1]  
is empty!!
```

```
Check HDD to format  
Please Try Again!
```

5.5.2. Formatiranje svih unutrašnjih HDD-a

Pod opcijom HDD Format (Formatiranje HDD-a), odaberite 1. Unutrašnji HDD a potom pritisnite Enter.

```
1. Individual HDD  
2. All Internal HDD
```

2. Odaberite All HDD (Svi HDD-i) i potom pritisnite Enter.

```
Format All HDD?  
Yes: Enter No: Esc
```

Kada pritisnete ENTER, pojaviće se sledeće poruke dok se svi unutrašnji HDD-i formatiraju. Da se vratite na prethodnu fazu, pritisnite ESC. Da otkazete formatiranje i da se vratite nazad sa glavnog ekrana, držite pritisnut ESC taster u trajanju od 2 sekunde ili duže.

```
Formatting HDD  
is in Progress...
```

```
HDD Format  
[DONE]
```

5.5.3. Formatiranje pojedinačnog eksternog HDD-a

Pod opcijom HDD Format (Formatiranje HDD-a), odaberite 2. Eksterni HDD a potom pritisnite Enter.

```
Bay Number to format  
External Bay? [1]
```

Upotrebite $\wedge$ i $\vee$ da odaberete broj eksterne HDD police koja sadrži HDD koji treba formatirati a potom pritisnite Enter.

1. Individual HDD
 2. All HDD in Bay[1]

1. Odaberite 1. Pojedinačni HDD, a potom pritisnite Enter.

```
HDD Number to format
Internal HDD? [1]
```

Upotrebite $\wedge$ i $\vee$ da odaberete broj za eksternu HDD policu koja sadrži HDD koji treba formatirati, a potom pritisnite Enter.

```
Format HDD [1]?
Yes: Enter  No: Esc
```

Kada pritisnete Enter, pojaviće se sledeća poruka dok se odabrani HDD formatira. Da se vratite na prethodnu fazu, pritisnite ESC. Da otkazete formatiranje i da se vratite nazad sa glavnog ekrana, držite pritisnut ESC taster u trajanju od 2 sekunde ili duže.

```
Formatting HDD
is in Progress...
```

```
HDD Format
[DONE]
```

Kada odabirate HDD koji nije dostupan ili nije povezan, pojaviće se sledeća poruka.

```
External Bay[1]
is not connected!!
```

```
External Bay[1]
is not connected!!
```

5.5.4. Formatiranje svih eksternih HDD-a

Pod opcijom HDD Format (Formatiranje HDD-a), odaberite 2. Eksterni HDD a potom pritisnite Enter.

```
Bay Number to format
External Bay [1]
```

Upotrebite $\wedge$ i $\vee$ da odaberete broj eksterne HDD police koja sadrži HDD koje treba formatirati a potom pritisnite Enter.

```
1. Individual HDD
2. All HDD in Bay[1]
```

2. Odaberite All HDD in Bay[#] (SveHDD-e u polici), a potom pritisnite Enter.

Format Bay[1]?
Yes: Enter No: Esc

Kada pritisnete Enter, pojaviće se sledeće poruke dok se svi HDD-i odabrane eksterne police formatiraju. Da se vratite na prethodnu fazu, pritisnite ESC. Da otkazete formatiranje i da se vratite nazad sa glavnog ekrana, držite pritisnut ESC taster u trajanju od 2 sekunde ili duže.

Formatting HDD
is in Progress...

HDD Format
[DONE]

5.5.5. Formatiranje svih HDD-a

Pod opcijom HDD Format (Formatiranje HDD-a), odaberite 3. Svi HDD-i a potom pritisnite Enter.

Format All HDD?
Yes: Enter No: Esc

Kada pritisnete ENTER, pojaviće se sledeće poruke dok se svi HDD-i, i unutrašnji i eksterni, formatiraju. Da se vratite na prethodnu fazu, pritisnite ESC. Da otkazete formatiranje i da se vratite nazad sa glavnog ekrana, držite pritisnut ESC taster u trajanju od 2 sekunde ili duže.

Formatting HDD
is in Progress...

HDD Format
[DONE]

Rešavanje problema

1. Ne može da se pokrene.

- Proverite napajanje
- Proverite kabl za struju

2. Neki kanali ne prikazuju video sliku.

- Proverite napajanje kamere
- Proverite izlaz iz kamere
- Proverite ulazni port rekordera

3. Video zapis se ne skladišti.

- Proverite povezanost HDD-ova na stranici HDD Setup (Podešavanje HDD-ova)
- Proverite slobodni prostor na HDD-u
- Proverite podešavanje video snimanja

4. Uskladišteni video zapisi neće da se reprodukuju.

- Proverite podešavanje video snimanja

5. Video zapis je isuviše svetao ili isuviše taman.

- Proverite podešavanje kamere

6. Tasteri na prednjem panelu ne rade.

- Proverite napajanje
- Proverite status zaključanosti tastera

7. Mreža ne radi.

- Proverite povezanost mrežnog kabla
- Proverite IP podešavanje rekordera
- Proverite IP podešavanje kompjutera
- Pokrenite Ping test

- Ukoliko Web Viewer (Internet pregledač) ne prikaže video zapis na kompjuteru, proverite tehničke specifikacije kompjutera.

8. Morate da kontaktirate svog prodavca kada...

Ukoliko imate problema sa bilo kojim od sledećih pitanja, morate da prekinete da koristite proizvod i da odmah isključite napajanje, a potom da kontaktirate svog prodavca za pomoć.

- Ako želite da dodate ili zamenite HDD
- Proizvod se čudno ponaša (na primer: neuobičajena buka, miris ili dim dolaze iz proizvoda.)
- Konektor kabla za struju je oštećen
- Kiša ili druga tečnost je prodrela u proizvod
- Prosuli ste tečnost na proizvod ili je strana materija ušla u proizvod
- Proizvod ne radi kako je naznačeno u ovom uputstvu za upotrebu
- Proizvod je ispušten ili ozbiljno oštećen
- Postoji primetna degradacija u radu proizvoda



Napomena

Pre instaliranja dodatnog HDD-a ili povezivanja eksternog uređaja za skladištenje (USB memorija ili USB HDD) na ovaj DVR, proverite kompatibilnost.

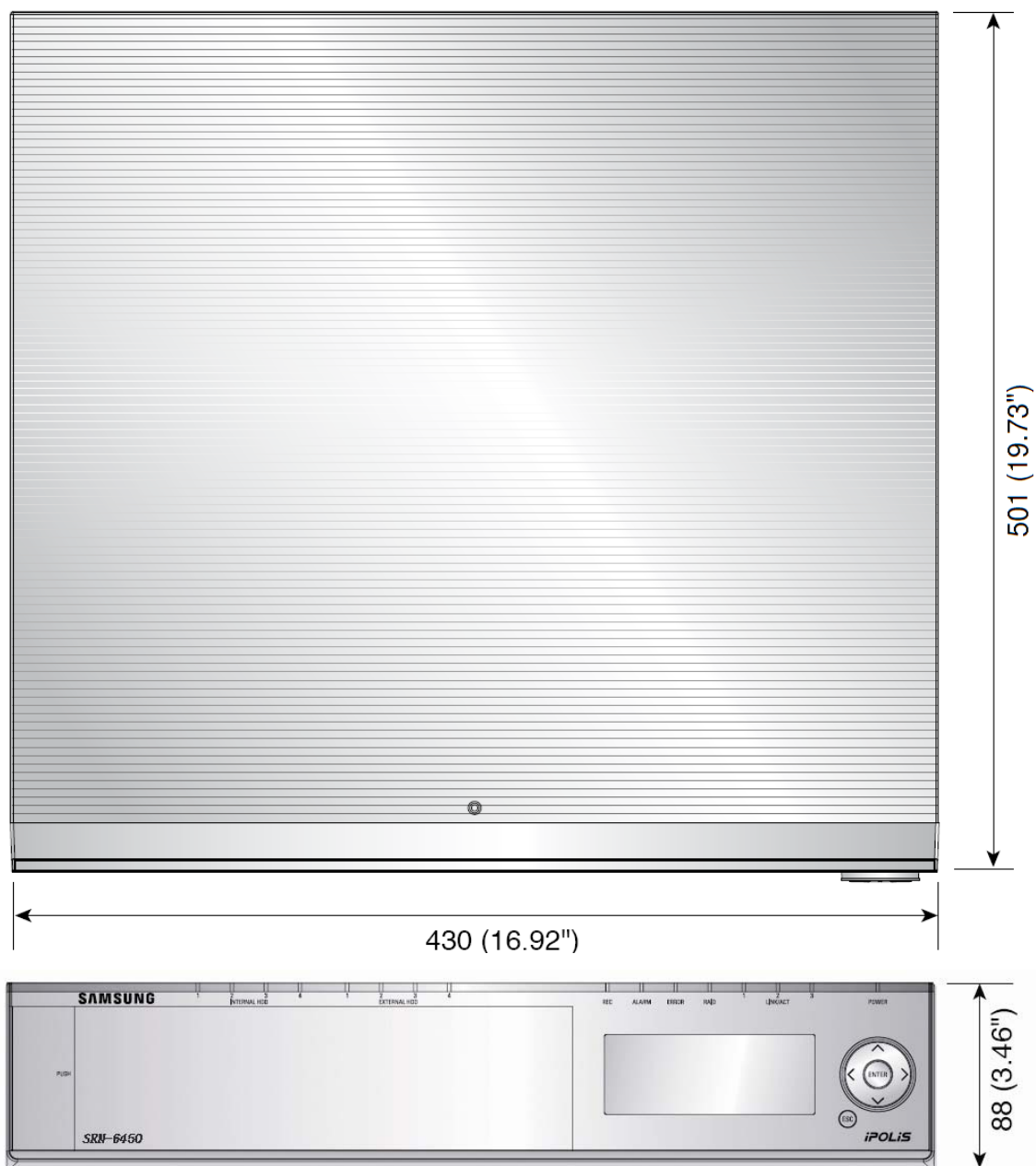
Pozovite vašeg prodavca da biste dobili listu kompatibilnosti.

Specifikacije proizvoda

		SRN-6450/SNR-6400	SRN-3250/SNR-3200
Ekran			
Video	Ulazi IP kamere	64 kanala	32 kanala
Internet podrška	Uživo	1, 4, 9, 16, 36, 64 kanala simultano	1, 4, 9, 16, 32 kanala simultano
	Pretraživanje	1 kanal simultano	
	Kontrol	panovanje/naginjanje/zumiranje za dostupnu kameru	
	Konfiguracija	IP, port, ID, lozinka, tip slike, video kvalitet, rezolucija, brzina frejmova	
PERFORMANSE			
Snimanje	Kompresija (IP)	H.264,MPEG-4,M-JPEG , podržana povezanom kamerom	
	Propusni opseg	Do 48 Mbps (Do 8 Mbps svaka kamera)	Do 36 Mbps (Do 8 Mbps svaka kamera)
	Frekvencija snimanja / MEGA	Max 160fps@2048 x 1536	Max 60fps@2048 x 1536
		Max 320fps@1280 x 1024	Max 120fps@1280 x 1024
	Frekvencija snimanja / NTSC	Max 1,280fps@704 x 480	Max 480fps@704 x 480
		Max 1,920fps@704 x 240	Max 960fps@704 x 240
		Max 1,920fps@352 x 240	Max 960fps@352 x 240
	Frekvencija snimanja/ PAL	Max 1,152fps@704 x 576	Max 480fps@704 x 576
		Max 1,600fps@704 x 288	Max 800fps@704 x 288
		Max 1,600fps@352 x 288	Max 800fps@352 x 288
	* Režim	Ručni, Raspored (Normalno / Događaj)	
	Režimi za pisanje preko	Stalni	
Pre-alarma	Do 5 sekundi		
Nakon-alarma	Do 60 sekundi		
Pretraživanje & reprodukcija	Režim za pretraživanje	Vreme, Događaj, Kalendar	
	Funnkcija za reprodukciju	REW (nazad), FWD (napred) (Zavisi od CMS-a)	
Mreža	Kontrola protoka	Automatska (Automatska kontrola prenosa)	
	Najveći broj udaljenih korisnika	5 simultano	
	Podrška za protokole	TCP/IP, DHCP, DNS, DDNS, HTTP, ARP, ICMP, NTP, RTP/RTCP, RTSP	
	Nadgledanje	CMS Software (NET-I Viewer), Built-in web server	
Skladištenje	Maksimalni kapacitet	Do 20TB korišćenjem opcije za eksterno skladištenje	
	RAID	Normalno, RAID1, RAID5	Normal, RAID1
	Unutrašnji HDD	Do 4 SATA HDD-a	
	Eksterni HDD	Do 4 ekspanzione police (svaka sa po do 4 HDD-a)	
	NAS	Do 4 NAS konekcije (CIFS/Samba)	
Bezbednost	Zaštita lozinkom	2 nivoa korisnika	
INTERFEJS			
Monitor	DOT Matrix LCD	20 x 2 prikaz statusa	
Alarm	Ulazi	Zavrtite ulaze terminala 2, NO/NC	
	Izlazi	Zavrtite izlaze terminala 2, NO/NC	

Alarm	Obaveštavanje sa udaljenosti	Obaveštavanje preko elektronske pošte
Konekcije	Ethernet	3 (RJ45 100/1000 Base-T), 1 (RJ45 100Base-T)
	Serijski interfejs	RS-232C
	USB	2 USB 2.0 porta (ažuriranje firmvera)
	eSATA	4 eksterna SATA porta
Supported IP Cameras		Samsung Techwin network products, AXIS mrežne kamere (VAPIX,MPEG4 modovi, neke funkcije su ograničene)
OPŠTE		
Elektrika	Ulazni napon	100 ~ 240 V AC $\pm 10\%$, 50/60 Hz, Auto izlaz
	Potrošnja energije	Max. 110W (sa 1xHDD)
		Max.130W (sa 4xHDD)
Prirodna sredina	Radna temperatura	+5°C ~ +40°C (+41°F ~ +104°F)
	Vlažnost vazduha	0%RH ~ 60%RH
Mehanika	Dimenzije (ŠxVxD)	430 x 88 x 501 mm (16.92" x 3.46" x 19.73 ")
	Težina (4 HDD-a)	Približno 11kg (24.25 lb)
	Komplet za montiranje police	Za montiranje jedne jedinice u EIA 19 inčnoj polici
Jezik (LCD)		Srpski
Sertifikacija		FCC (Klasa A), cUL/UL navedena, CE (Klasa A)

Dimenzije proizvoda



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Dispoziții privind eliminarea corectă a bateriilor acestui produs

(aplicabile în Uniunea Europeană și în alte țări europene cu sisteme separate de colectare a bateriilor)

Acest marcaj de pe baterie, de pe manualul de utilizare sau de pe ambalaj indică faptul că bateriile acestui produs nu trebuie eliminate împreună cu alte deșeuri menajere la sfârșitul ciclului lor de viață. Dacă sunt marcate, simbolurile chimice Hg, Cd sau Pb indică faptul că bateria conține mercur, cadmiu sau plumb peste nivelurile de referință prevăzute în Directiva CE 2006/66. În cazul în care bateriile nu sunt eliminate corespunzător, aceste substanțe pot fi dăunătoare pentru sănătatea omului sau pentru mediu.

În vederea protejării resurselor naturale și a promovării refolosirii materialelor, vă rugăm să separați bateriile de celelalte tipuri de deșeuri și să le reciclați prin intermediul sistemului gratuit de returnare a bateriilor la nivel local.



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