

SAMSUNG TECHWIN

NETVÆRKSAMERA

Brugervejledning

SND-3082/
SND-3082F/SNV-3082



Netværkskamera

Brugervejledning

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- ❖ Design og specifikationer kan ændres uden forudgående varsel.
- ❖ Standardadgangskoden kan blive eksponeret for hackertrusler, så det anbefales at skifte adgangskode efter installation af produktet.
Bemærk, at sikkerhed og andre relaterede problemstillinger forårsaget af uændret adgangskode er brugerens ansvar.

VIGTIGE SIKKERHEDSINSTRUKTIONER

1. Læs disse instruktioner.
2. Gem disse instruktioner.
3. Vær opmærksom på alle advarsler.
4. Følg alle instruktioner.
5. Brug ikke dette udstyr nær vand.
6. Brug kun en tør klud til rengøring.
7. Blokér ikke nogen ventilationsåbning, og installér i overensstemmelse med fabrikantens instruktioner.
8. Installer ikke tæt på varmekilder, som f.eks. radiatorer, varmeovne eller andre afspillere (herunder forstærkere), der afgiver varme.
9. Et polariseret stik eller et stik med jordforbindelse har et vigtigt sikkerhedsformål. Et polariseret stik har to ben, hvor det ene er bredere end det andet. Et stik med jordforbindelse har to ben og en tredje "tand" til jordforbindelsen. Det brede ben eller den tredje "tand" findes af hensyn til din sikkerhed. Hvis det leverede stik ikke passer til din stikkontakt, skal du konsultere en elektriker for at få en erstatning for det forkerte stik.
10. Sørg for, at du ikke bøjer eller trykker på netledningen, specielt ved stikkene, på opbevaringssteder og det sted, hvor den udgår fra afspilleren.
11. Brug kun tilbehør, der er specificeret af fabrikanten.
12. Brug kun rullebord, sokkel stativ, ophæng eller bord, som anbefalet af fabrikanten, eller der sælges sammen med afspilleren. Når der anvendes et rullebord, skal du være forsigtig, når du flytter rullebordet/afspilleren for at forhindre skade pga. tippende apparater.
13. Tag ledningen ud af afspilleren ved uvejr med lyn og torden, eller hvis den ikke skal anvendes i længere tid.
14. Overlad al service til uddannet servicepersonale. Service er nødvendig, hvis afspilleren er blevet beskadiget på nogen måde, som f.eks. beskadiget netledning eller stik, hvis der er spildt væske, hvis der er kommet objekter ind i afspilleren, hvis afspilleren har været udsat for regn eller fugt, fungerer unormalt eller er blevet tabt på gulvet.



ADVARSEL

DETTE PRODUKT MÅ IKKE UDSÆTTES FOR REGN ELLER FUGT, DA DER ER RISIKO FOR BRAND ELLER ELEKTRISK STØD.
INDFØR IKKE METALGENSTANDE Gennem VENTILATIONSRISTEN ELLER ANDRE ÅBNINGER PÅ UDS TYRET.

Apparatet må ikke udsættes for dryp eller sprøjt, og ingen genstande, der er fyldt med væske, f.eks. vaser, må anbringes på apparatet.

For at forhindre skader skal dette apparat fastgøres sikkert til væggen/gulvet i overensstemmelse med installationsinstruktionerne.

FORSIGTIG

	FORSIGTIG RISIKO FOR ELEKTRISK STØD MÅ IKKE ÅBNES	
FORSIGTIG : FOR AT MINDSKE RISIKOEN FOR ELEKTRISK STØD. FJERN IKKE DÆKSEL (ELLER BAGBEKLÆDNING). DER ER INTET INDENI, DER KAN REPARERES AF BRUGEREN. OVERLAD SERVICE TIL KVALIFICERET SERVICEPERSONALE.		

FORKLARING PÅ GRAFISKE SYMBOLER



Lynet med pilen i trekanten har til formål at advare brugeren mod tilstedeværelse af "farlig spænding" inde i produktets kabinet, som kan være i en sådan størrelsesorden, at den kan udgøre en risiko for, at personer kan få elektrisk stød.



Udråbstegnet i trekanten har til hensigt at advare brugeren mod tilstedeværelse af vigtige drifts- og vedligeholdelses- (service) instruktioner i den dokumentation, som følger med produktet.

Klasse I Konstruktion

Et apparat med KLASSE I-konstruktion skal tilsluttes en stikkontakt med beskyttende jordstik.

Batteri

Batterier (batteripakker eller installerede batterier) må ikke udsættes for stor varme, f.eks. solskin, ild eller lignende.

Forkert udskiftning af batteriet kan medføre eksplosionsrisiko.

Udskift kun med den samme eller en tilsvarende type.

Frakobling af enheden

Tag stikkontakten ud af apparatet, hvis det er defekt. Ring derefter til en reparatør i nærheden.

Når det anvendes uden for USA, kan der anvendes HAR-kode med beslag fra en certificeret servicevirksomhed.

FORSIGTIG

Serviceinstruktionerne er kun til brug af uddannet servicepersonale.

Du må ikke udføre anden service end den, der omtales i driftsinstruktionerne, medmindre du har de fornødne kvalifikationer, da der er risiko for elektrisk stød.

Produktets BNC Out-stik er beregnet til nemmere installation, og anbefales ikke til overvågningsformål.

Hvis du bevarer BNC-kablet tilsluttet, er der risiko for, at lys kan medføre skade eller fejlfunktion på produktet.

Anvend tilslutningsstrøm med kun ét kamera: Andre enheder må ikke være tilsluttet.

oversigt

Læs omhyggeligt følgende anbefalede sikkerhedsforanstaltninger.

- Anbring ikke apparatet på en ujævn overflade.
- Anbring ikke apparatet på en overflade, hvor det udsættes for direkte sollys, eller i nærheden af varmeudstyr eller et område med stor kulde.
- Anbring ikke dette apparat i nærheden af elektrisk ledende materiale.
- Forsøg ikke selv at udføre service på dette apparat.
- Anbring ikke et glas vand på produktet.
- Anbring ikke produktet tæt på magnetiske kilder.
- Blokér ikke nogen ventilationsåbning.
- Anbring ikke tunge genstande oven på produktet.

Brugermanualen er en vejledning i, hvordan produkterne anvendes.

De anvendte tegn i bogen har følgende betydning.

- Reference: Der gives informationer om brug af produktet
- Bemærk: Hvis der er risiko for at påføre produkter og mennesker skade, hvis vejledningen ikke følges
- ※ Læs denne manual igennem, inden produktet tages i brug, og opbevar den et sikkert sted.

INDHOLD

OVERSICHT

3

- 3 Vigtige sikkerhedsinstruktioner
- 9 Produktfunktioner
- 10 Anbefalede PC-specifikationer
- 10 Anbefalede SD-/SDHC-hukommelseskort specifikationer
- 11 Dette Følger
- 13 Hurtigt overblik (SND-3082)
- 17 Hurtigt overblik (SND-3082F)
- 20 Hurtigt overblik (SNV-3082)

INSTALLATION OG TILSLUTNING

23

- 23 Installation (SND-3082)
- 25 Installation (SND-3082F)
- 26 Installation (SNV-3082)
- 31 Indsætning/udtagning af et SD-hukommelseskort
- 34 Information om hukommelseskortet (medfølger ikke)
- 35 Tilslutning til anden enhed

NETVÆRKSFORBINDELSE OG OPSÆTNING

39

- 39 Tilslutning af kameraet direkte til lokalt netværk
- 40 Tilslutning af kameraet direkte til et DHCP-baseret DSL-/kabelmodem
- 41 Tilslutning af kameraet direkte til et PPPoE-modem
- 42 Tilslutning af Kameraet til en Bredbånds-router med PPPoE-/Kabelmodemmet
- 43 Anvendte knapper i IP-installationsprogrammet
- 44 Statisk IP-opsætning
- 48 Dynamisk IP-opsætning
- 49 Opsætning af videresendelse af portinterval (porttilknytning)
- 51 Tilslutning til kameraet fra en delt lokal PC
- 51 Tilslutning til kameraet fra en fjern-PC via internettet

WEB VIEWER

52

- 52 Tilslutning til kameraet
- 53 Log på
- 54 Installation af Silverlight Runtime
- 58 Installation af stw webviewer-plugin'en
- 59 Brug af live-skærmen
- 61 Wyszukuj i odtwarzaj według zdarzeń
- 62 Wyszukuj i odtwarzaj według godziny

OPSÆTNINGSSKÆRM

64

- 64 Opsætning
- 64 Opsætning af Audio og video
- 74 Netværksopsætning
- 83 Opsætning af begivenhed
- 93 Systemopsætning

APPENDIKS

100

- 100 Specifikation
- 104 Produktoversigt
- 108 Problemløsning
- 110 Open Source Announcement

PRODUKTFUNKTIONER

- **Multi-streaming**

Dette netværkskamera kan vise videoer i forskellige opløsninger og kvaliteter samtidig ved hjælp af forskellige codecs.

- **Webbrowserbaseret overvågning**

Bruger webbrowseren til at afspille billedet i et lokalt netværksmiljø.

- **Alarm**

Hvis der opstår en hændelse, overføres den hændelsesrelaterede video til den FTP/e-mail, som brugeren har angivet, eller den gemmes på SD-hukommelsen, eller signalet for hændelsen sendes til alarmudgangen.

- **Detektering af manipulation**

Detekterer forsøg på manipulation på videoovervågning.

- **Bevægelsesdetektering**

Detekterer bevægelse fra kameraets videoindgang.

- **Autodetektion af afbrudt netværk**

Registrerer netværksfrakobling inden udløsning af en alarm.

- **Overholdelse af ONVIF**

Dette produkt understøtter ONVIF.

Yderligere oplysninger findes på www.onvif.org.



Driving network video through global standardization

ANBEFALEDE PC-SPECIFIKATIONER

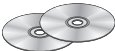
- CPU : Intel Core 2 Duo 2,4 GHz eller bedre
- Operativsystem : Windows XP, VISTA, 7, Mac OS
- Oplosning : 1280 X 1024 pixels eller højere
- RAM : 2GB eller højere
- Webbrowser : Internet Explorer 7.0 eller nyere, Firefox 3.0 eller nyere, Chrome 8.0 eller nyere, Safari 4.0 eller nyere
 - Hverken en anden betatest-version end den, der findes på virksomhedens hjemmeside, eller udviklingsversionen vil blive understøttet.
 - Det anbefales at slutte til IPv6 i Windows 7.
- Videohukommelse : 256MB eller højere
 -  ■ Hvis driveren til grafikkortet ikke er installeret korrekt, eller den ikke er den nyeste version, afspilles videoen måske ikke korrekt.
 - For et system med mindst 2 skærme kan afspilningsydelsen blive forringet. Det afhænger af systemet.

ANBEFALEDE SD-/SDHC-HUKOMMELSESKORT SPECIFIKATIONER

- 4GB ~ 32GB
- Det anbefales at bruge hukommelseskort med en hastighed på mindst klasse 6.

DETTE FØLGER

Kontroller, om kameraet og alt tilbehør medfølger i emballagen.

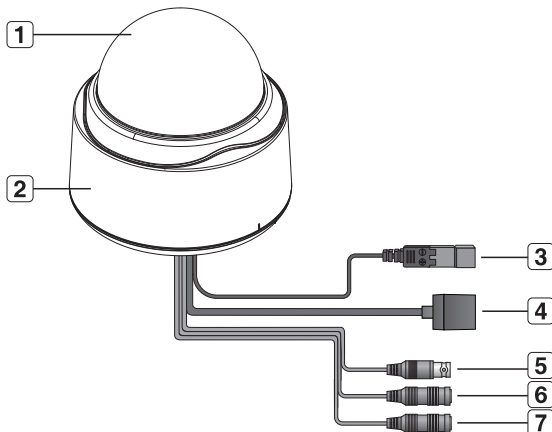
Udseende	Elementets navn	Antal	Beskrivelse	Modelnavn
	Kamera	1		SND-3082 eller SND-3082F eller SNV-3082
		1		
		1		
	Brugervejledning, CD med installationssoftware, DVD med CMS-software	2		SND-3082 SND-3082F SNV-3082
	Hurtig vejledning	1		
	Kabel til test af skærm	1	Bruges til at teste kameraforbindelsen til en bærbar fremvisningsenhed	
	Alarmkabel	1	Bruges til at tilslutte til Alarm I/O	
	Jernskrue	3	Bruges til at fastgøre produktet på en jernplade	SND-3082 SND-3082F

oversigt

Udseende	Elementets navn	Antal	Beskrivelse	Modelnavn
	Skabelon	1	Produktinstallationsvejledning	SND-3082F SNV-3082
	Modulstik	1	LAN-kabelomformer	
	Støvtæt plade	1	Forhindrer indtrængning af støv	SND-3082
	Selvskærende skrue	1	Bruges til at fastgøre sikkerhedsbeslaget	SND-3082F
	Beslagsikkerhed	1	Sikkerhedsbeslag	
	ASSY-selvskærende skrue	4	Bruges til installation på væg eller loft	SNV-3082
	Unbrakonøgle	1	Bruges til at fjerne/ordne kuppeldækslet	
	Plastikrawplug	4	Til at fastsætte en skrue, indsættes i et hul (forstærket fastgørelseskraft)	
	Maskinskruer	4	Anvendes til samling af kuppeldækslet ved installation af produktet på et rør, ved vægmontering eller til blokering af hullet.	

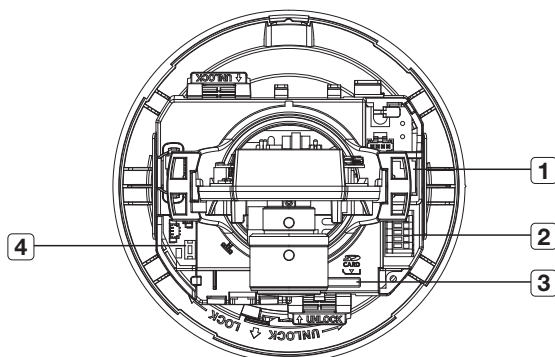
HURTIGT OVERBLIK (SND-3082)

Udseende



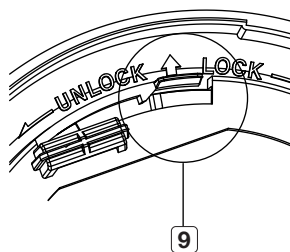
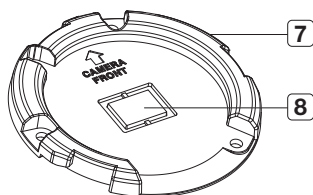
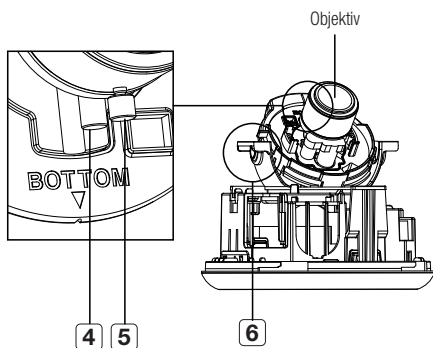
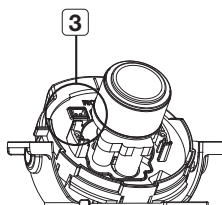
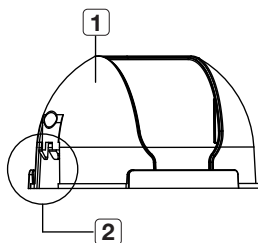
Element	Beskrivelse
1 Topdæksel	Dæksel til beskyttelse af objektivet og hovedenheden.
2 Kamerakasse	Beskytter objektivet og kamerahuset.
3 Strømport	Her sættes strømkablet i.
4 Netværksport	Bruges til at tilslutte et PoE- eller et Ethernet-kabel.
5 Videoudgangsport	Analog videoudgangsport. (til installation)
6 Lydindgangsstik	Bruges til at tilslutte en mikrofon.
7 Lydudgangsstik	Bruges til at tilslutte højttalere.

Indvendig



Element	Beskrivelse
1 Netværksport	Bruges til at tilslutte et PoE- eller et Ethernet-kabel.
2 Alarm ind/ud-stik	Alarm indgangs/udgangsterminaler kan konfigureres som følger: - ALARM IN : Bruges til at tilslutte alarmindgangssignalet. - ALARM OUT : Bruges til at tilslutte alarmudgangssignalet. - ALARM COM : Fælles port, hvor alarmudgangssignalet tilsluttes. - GND : Bruges til jordforbindelse.
3 Rum til SD-hukommelseskort	Rum til SD-hukommelseskortet.
4 Knappen nulstil	Nulstiller kameraindstillingerne til standarder. Tryk på og hold nede i ca. 5 sekunder for at genstarte systemet. i Hvis du nulstiller kameraet, justeres netværksindstillingerne, så DHCP kan aktiveres. Hvis der ikke er nogen DHCP-server i netværket, skal du køre IP-installationsprogrammet for at ændre de grundlæggende netværksindstillinger såsom IP-adresse, undernetmaske, gateway osv., inden du kan oprette forbindelse til netværket.

Dele

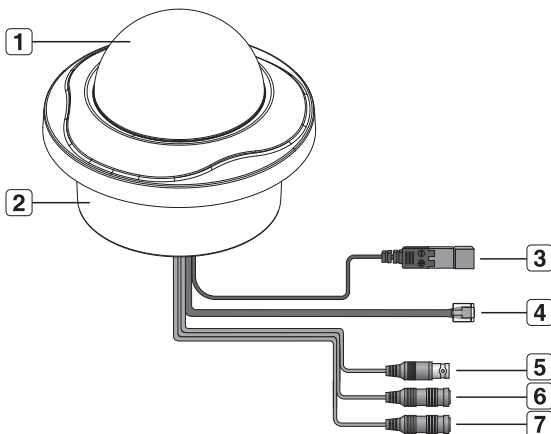


oversigt

Element	Beskrivelse	
1 Indre dæksel	Dæksel der anvendes til beskyttelse af hovedenheden.	
2 Lås	Tryk på hver ende for at fjerne det indre dæksel.	
3 Skærmudgang	Testovervågningskablet er sluttet til en transportabel skærm og anvendes til test af kameraet.	
4 Zoom-knap	Anvendes til at justere eller låse objektivets zoomfaktor.	
5 Fokus-knap	Drej den til venstre eller højre for at justere fokussen, drej den med uret for at fastlåse fokussen.	
6 Hældningsskrue	Anvendes til at justere eller fastgøre objektivets hældning.	
7 Beslag	Anvendes til at installere kameraet på væggen eller loftet med skruerne.	
8 Ledningsdæksel	Hvis du borer et hul i ledningsdækslet til ledningerne, skal du fjerne dækslet og fastgøre den medfølgende støvtætte plade på det og føre kablerne gennem pladen. Den støvtætte plade skal forhindre støv i at trænge ind i ledningsrummet.	
9 Udløser	Hvis du vil fjerne beslaget fra hovedenheden eller fjerne kameraet fra beslaget, skal du skubbe dette ud og dreje hovedenheden i retning mod <UNLOCK>.	

HURTIGT OVERBLIK (SND-3082F)

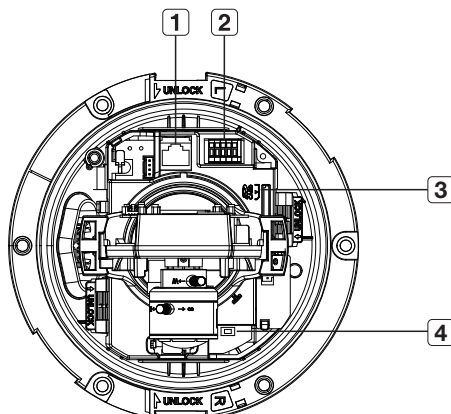
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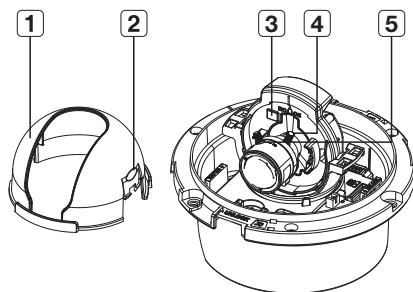
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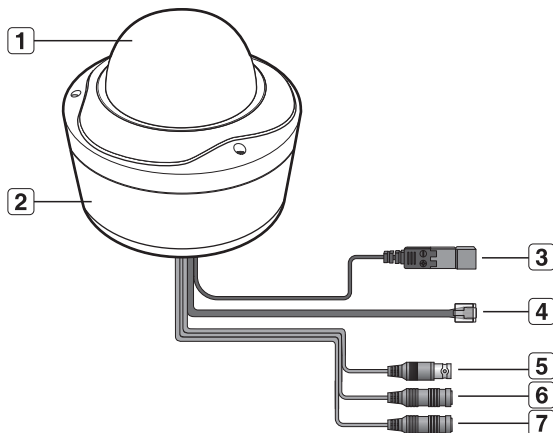
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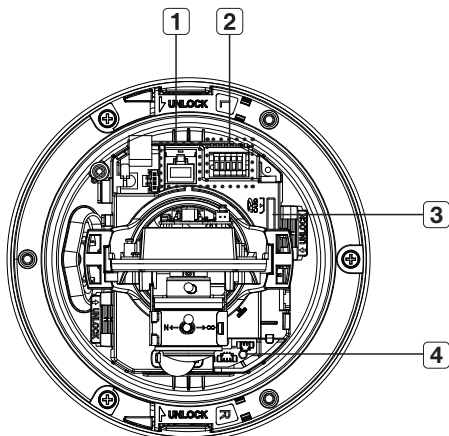
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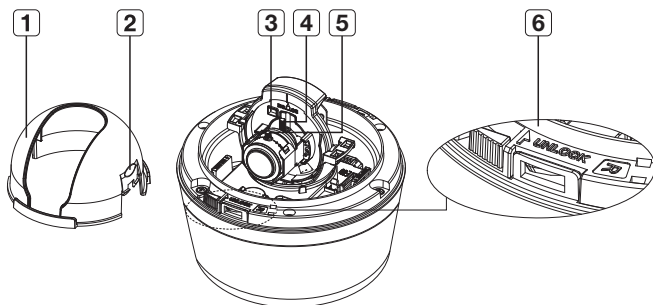
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installation og tilslutning

Forholdsregler inden installation

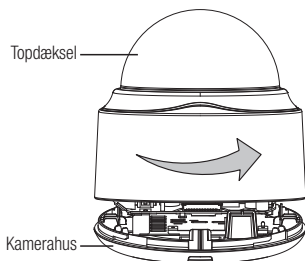
Sørg for at læse følgende instruktioner, inden kameraet installeres:

- Vælg et installationssted (loft eller væg), der kan holde til mindst 5 gange kameraets vægt.
- Indsatte eller afrevne kabler kan føre til beskadigelse af produktet eller brand.
- Hold af sikkerhedshensyn alle andre væk fra installationsstedet.
Læg personlige ejendele væk fra stedet for en sikkerheds skyld.

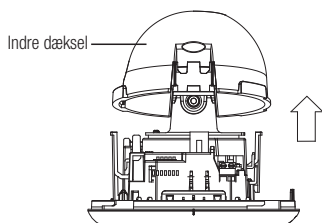
INSTALLATION (SND-3082)

Demontering

1. Hold på kamerahuset med en hånd, og hold på topdækslet med den anden hånd. Drej derefter dækslet mod uret for at fjerne det.



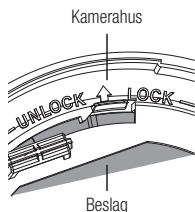
2. Tryk forsigtigt på en af siderne på det indre dæksel for at fjerne det.



installation og tilslutning

- Hold låseknappen ned i den ydre retning som vist, og drej kamerahuset i retningen **<UNLOCK>** (mod uret) for at fjerne dækslet fra huset.

- Hvis det ikke lykkes, kan du tage det nederste hul af beslaget og dreje beslaget i retningen **<LOCK>** (med uret) for at fjerne det.



Installation

- Brug de medfølgende skruer (3 stk.) til at fastgøre beslaget i den ønskede position (loft eller væg).

- Sørg for, at mærket **<CAMERA FRONT>** på beslaget vender i kameraets retning.

- Før kablerne gennem beslaget til loft eller væg.

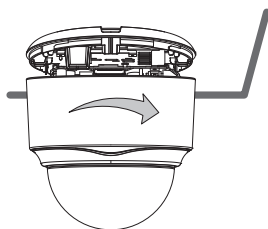
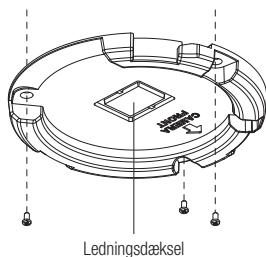
- Hvis du borer et hul i loftdækslet til ledningerne, skal du trykke hårdt for at fjerne dækslet og fastgøre den støvtætte plade på det. Før kablerne gennem pladen. Hvis du vil føre kablerne gennem uden at bore et hul, skal du bruge det tomme område på den modsatte side af mærket **<CAMERA FRONT>** til kablerne.

- Monter kamerahuset på beslaget. Juster markeringshullet på kamerahuset med mærket **<CAMERA FRONT>** på beslaget, og drej huset i retningen **<LOCK>**.

- Se **"Justering af retningen for kameraet"** for at justere objektivet i den ønskede retning.

- Luk topdækslet.

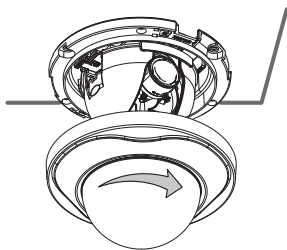
- Sæt topdækslet på fastgørelsesspidserne på kamerahuset, og drej dækslet med uret.



INSTALLATION (SND-3082F)

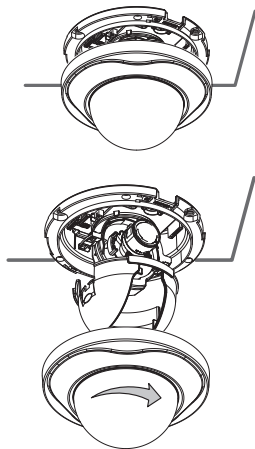
Installation

1. Brug den medfølgende skabelon til at bore ét hul til kameraet og ét hul til skruen (5 mm i diameter, mindst 35 mm dybt), og sæt plasticrawlpluggen (HUR 5) for enden af hullet til skruen.
2. Tilslut og placer de nødvendige kabler, så de ikke bliver beskadiget eller sidder i klemme, når kameraet installeres.
3. Indsæt kamerahuset i hullet, så det passer til kamerahullet, og fastgør huset med de selvskærende skruer til samlingen (TH M4xL30). (3 stk.).
4. Se **“Justering af retningen for kameraet”** for at justere objektivet i den ønskede retning.
5. Luk topdækslet.
 - Sæt topdækslet på fastgørelsesspidserne på kamerahuset, og drej dækslet med uret.



Loftsbeslag

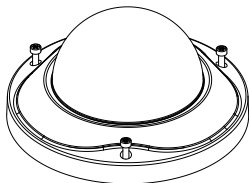
1. Brug den medfølgende skabelon til at bore ét hul til kameraet og ét hul til skruen (5 mm i diameter, mindst 35 mm dybt), og sæt plasticrawlpluggen (HUR 5) for enden af hullet til skruen.
2. Tilslut og placer de nødvendige kabler (strøm, video osv.), så de ikke bliver beskadiget eller sidder i klemme, når kameraet installeres.
3. Indsæt kamerasamlingen i hullet, så det passer til kamerahullet, og fastgør samlingen med de selvskærende skruer til samlingen (TH, M4xL30). (x3)
4. Luk kuppeldækslet.
5. Fastgør dækslet på hovedenheden. Fastgør den udstående del inde i dækslet i det tilsvarende hul på hovedenheden, og drej dækslet for at fastgøre det.



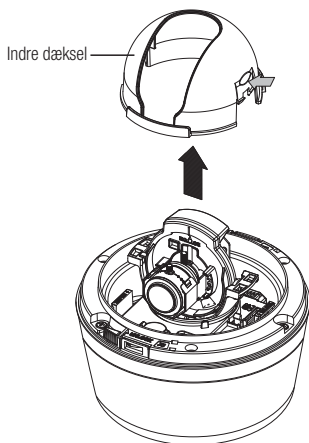
INSTALLATION (SNV-3082)

Demontering

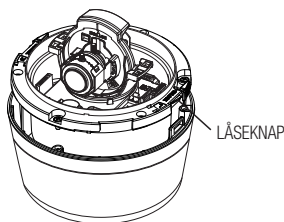
1. Brug den medfølgende L-formede nøgle, og løsn 3 bolte øverst på topdækslet (mod uret) for at fjerne dækslet.
Når topdækslet fjernes, ses hovedenheden og det indre dæksel.



2. Hold begge kroge på det indre dæksel nedad, mens du løfter det op, for at fastgøre kameraet.

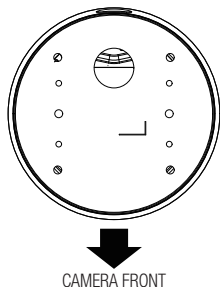


3. Løsn 3 skruer på kamerahuset (mod uret) og træk venstre/højre LÅSEKNAP op (i pilens retning) for at låse op. Fjern derefter kameraet fra kassen.



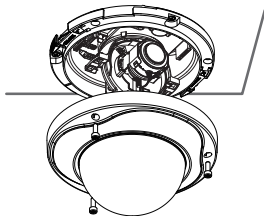
Installation direkte på loftet

1. Fjern topdækslet fra kassen ved at se afsnittet **“Demontering”**.
2. Bor et hul (diameter: 5 mm, dybde: min. 35 mm) på et ønsket sted i kassens bund, og isæt det medfølgende plasticanker (HUD 5) til enden.
3. Fastgør bundhullet til ankerhullet, og isæt og fastgør den samlende, selvskørende skrue (TH M4xL30).
 - Når kamerakassen samles med en samlingskasse, skal du vælge de relevante skruehuller i bunden af kassen til installationen.
4. Tilslut og placer de nødvendige kabler, så de ikke bliver beskadiget eller sidder i klemme, når kameraet installeres.
5. Installer kamerahuset modsat i forhold til **“Demontering”**.
6. Juster objektivet i den ønskede retning ved at se afsnittet **“Justering af retningen for kameraet”**.
7. Luk topdækslet.
 - For at sikre vandtæthed: Stram fikseringsboltene med L-nøglen.



Loftsbeslag

1. Fjern topdækslet fra kassen ved at se afsnittet **“Demontering”**.
2. Brug den medfølgende skabelon til at bore ét hul til kameraet og ét hul til skruen (5 mm i diameter, mindst 35 mm dybt), og sæt plasticrawpluggen (HUR 5) for enden af hullet til skruen.
3. Tilslut og placer de nødvendige kabler, så de ikke bliver beskadiget eller sidder i klemme, når kameraet installeres.



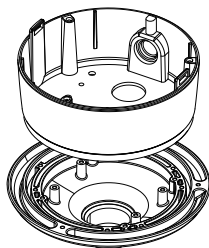
installation og tilslutning

4. Løsn og fjern skruerne i kameraenheder, der holder det fast i huset. (x 3)
5. Indsæt kameraenheden i hullet, så det passer til kamerahullet, og fastgør enheden med de selvskærende skruer til samlingen (TH, M4xL30). (x 3)
6. Juster objektivet i den ønskede retning ved at se afsnittet **“Justering af retningen for kameraet”**.
7. Luk topdækslet.
 - For at sikre vandtæthed : Stram fikseringsboltene med L-nøglen.

Montering af den ikke-medfølgende adapter

Vælg og køb efter ønske en af følgende muligheder (medfølger ikke), der passer til installationsstedet.

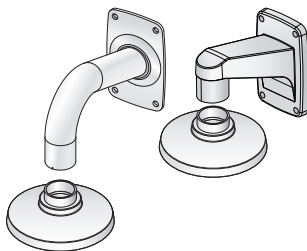
1. Fjern topdækslet fra kassen ved at se afsnittet **“Demontering”**.
2. Brug den medfølgende maskinskrue til at fastgøre kamerakassen til den ikke-medfølgende adapter.
3. Tilslut og placer de nødvendige kabler, så de ikke bliver beskadiget eller sidder i klemme, når kameraet installeres.
4. Installer kamerahuset modsat i forhold til **“Demontering”**.
5. Juster objektivet i den ønskede retning ved at se afsnittet **“Justering af retningen for kameraet”**.
6. Luk topdækslet.
 - For at sikre vandtæthed : Stram fikseringsboltene med L-nøglen.



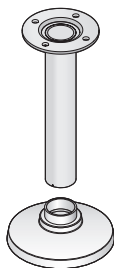
Ekstraudstyr til installation

For at gøre installationen lettere kan du købe relevant ekstraudstyr.

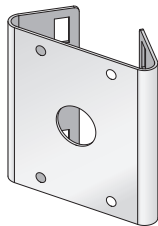
1. ADAPTER TIL VÆGBESLAG(SBP-300WM eller SBP-300WM1)/HÆNGBESLAG (SBP-300HM3)
Adapteren bruges, når kuppelkameraet installeres på en væg.



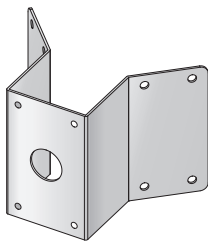
2. ADAPTER TIL LOFTBESLAG(SBP-300CM)/
HÆNGBESLAG(SBP-300HM3)
Adapteren bruges, når kuppelkameraet installeres
på et betonloft.



3. ADAPTER TIL STANGBESLAG(SBP-300PM)
Dette er en adapter til installation af ADAPTER TIL
VÆGBESLAG (SBP-300WM eller SBP-300WM1)
på en stang, hvis diameter er større end 80 mm.

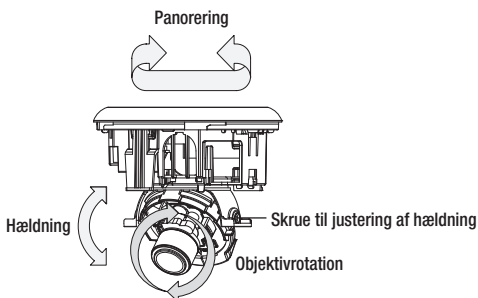


4. ADAPTER TIL HJØRNEBESLAG(SBP-300KM)
Dette er en adapter til installation af ADAPTER
TIL VÆGBESLAG (SBP-300WM eller
SBP-300WM1) i hjørnet af en væg.



installation og tilslutning

Justering af retningen for kameraet



▪ Justering af overvågningsretningen

Du kan kun justere kameraets retning, når kameraet er fastgjort på loftet. Roterung af kameraenheden til venstre eller højre kaldes for Pan, justering af hældningen kaldes for Hld., og drejning af objektivet om sin akse kaldes for Rotation.

- Det effektive pan-område er 355 grader.
- Det effektive rotationsområde er 355 grader.
- Det effektive hældningsområde er 90 grader.



- Ved visse vinkler kan topdækslet afskære en del af det objekt, der overvåges.

▪ Justeringsmetoder

1. Efter installation af kameraet: Juster panoreringsvinklen i forhold til overvågningsretningen.
Ved hældning af kameraet skal du justere den horisontale vinkel, så billedet ikke bliver spejlvendt.
2. Juster rotationsvinklen for at korrigere billedvisningspositionen (op/ned/venstre/højre).
 - Rotation betyder rotation i forhold til den bageste objektivenhed.
3. Juster hældningsvinklen, så kameraet vender mod det objekt, der skal overvåges.

Sådan justerer du zoom og fokus

Se kameraets video i realtid, og drej **"Zoomhåndtaget"** for at zoome ind/ud på det motiv, du ønsker.

Drej **"Fokushåndtaget"**, indtil billedet fremstår klart.

- Se **"Dele"** for justering af zoomhåndtag og fokushåndtag. (Side 15, 19, 22)

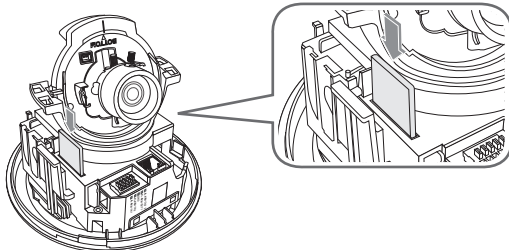


- Det anbefales at installere kameraet 2,5 m til 10 m over gulvet.

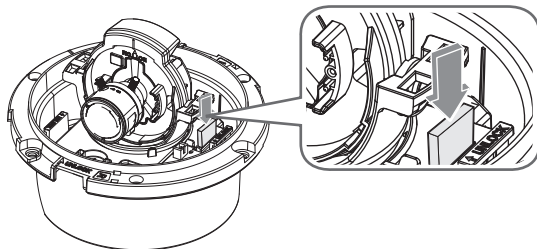
INDSÆTNING/UDTAGNING AF ET SD-HUKOMMELSESKORT

Indsætning af et SD-hukommelseskort

Skub SD-hukommelseskortet i pilens retning som vist på illustrationen.

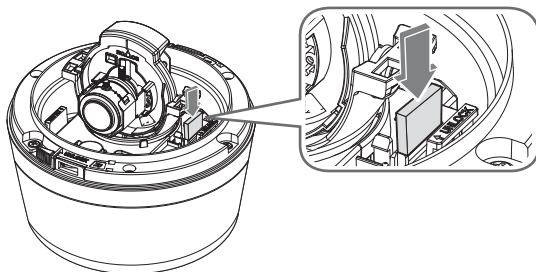


<SND-3082>



<SND-3082F>

installation og tilslutning



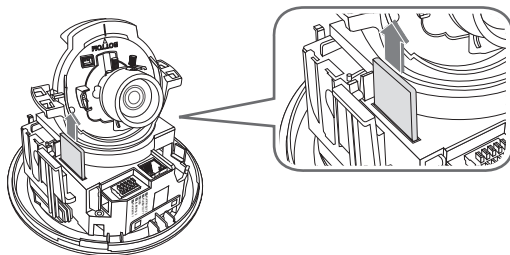
<SNV-3082>



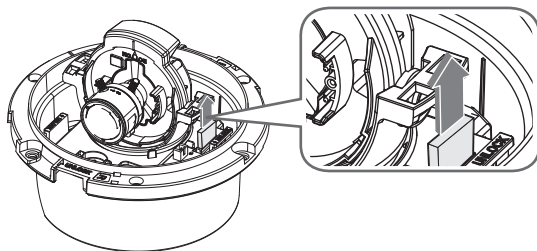
- Forcéér ikke, hvis du indsætter SD-hukommelseskortet, når det vender på hovedet. Ellers kan det beskadige SD-hukommelseskortet.

Udtagning af et SD-hukommelseskort

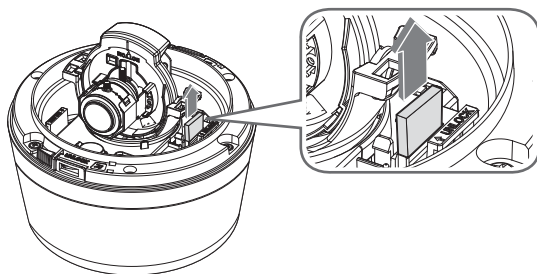
Tryk forsigtigt nedad på den ende af hukommelseskortet, der stikker udenfor, som vist på illustrationen for at fjerne hukommelseskortet fra slotten.



<SND-3082>



<SND-3082F>



<SNV-3082>



- Hvis du trykker for hårdt på SD-hukommelseskortet, kan det føre til, at kortet skydes ukontrollerbart ud af slotten, når det frigives.
- For at fjerne SD-hukommelseskortet skal du indstille kortet til <Fra> i menuen <Opbevaring> og trykke på knappen [Anvend ()]. (Side 85)
- Udtagning af SD-hukommelseskortet, mens der foretages lagring, kan beskadige dataene på kortet.

INFORMATION OM HUKOMMELSESKORTET (MEDFØLGER IKKE)

Hvad er et hukommelseskort?

Et hukommelseskort er en ekstern datalagringsenhed, der er blevet udviklet for at give en hel ny måde at optage og dele video-, lyd- og tekstdata på med digitale enheder.

Vælg et hukommelseskort, der passer til dig

Kameraet understøtter SDHC-hukommelseskort.

Du kan dog opleve kompatibilitetsproblemer alt afhængigt af hukommelseskortets model og udformning.

Til dette kamera anbefaler vi hukommelseskort fra følgende producenter:

SD/SDHC-hukommelseskort: Sandisk, Transcend

Hukommelseskort på 4GB - 32GB anbefales til brug med dette kamera.

Afspilningen kan påvirkes alt efter hukommelseskortets hastighed, så brug hurtige hukommelseskort.

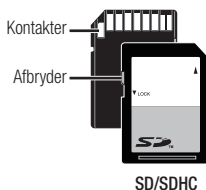
Det anbefales at bruge hukommelseskort med en hastighed på mindst klasse 6.

Anvendelse af hukommelseskortet

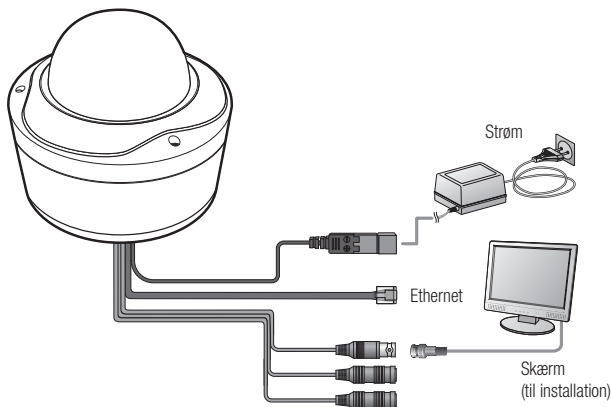
SD- og SDHC-hukommelseskort har en afbryder, der deaktiverer skrivning af data på mediet.

Når denne kontakt er låst, forhindres det, at der ved en fejltagelse slettes data, der er lagret på hukommelseskortet. Samtidig forhindrer det dig også i at skrive data på mediet.

■ Hukommelseskortets dele



TILSLUTNING TIL ANDEN ENHED



- Produktets BNC Out-stik er beregnet til nemmere installation, og anbefales ikke til overvågningsformål. Hvis du bevarer BNC-kablet tilsluttet, er der risiko for, at lys kan medføre skade eller fejlfunktion på produktet.

Ethernet-forbindelse

Tilslut Ethernet-kablet til det lokale netværk eller til internettet.

Strømforsyning

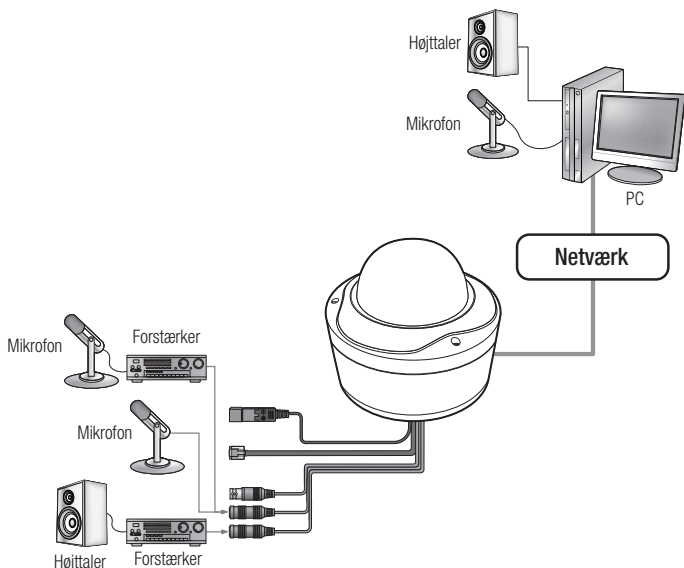
Brug skruetrækkeren til at forbinde hver ledning (+, -) på strømkablet til det tilsvarende strømstik på kameraet.



- Pas på ikke at bytte om på polariteten, når du tilslutter strømkablet. Du kan også bruge en router med PoE (Power over Ethernet) til at forsyne kameraet med strøm.
- Hvis der tilføres både PoE og 12 V DC, bruger produktet den først tilførte kilde.
- Hvis du anvender 12 V DC, PoE, kører varmeren slet ikke. Varmeren fungerer kun korrekt, hvis strømkilden er 24 V AC. (SNV-3082)
- Brug 24 V AC i et lavtemperaturområde på mindre end -10 °C.
- Du skal sikre, at skærmen og kameraet er slukket, når du forbinder dem.

installation og tilslutning

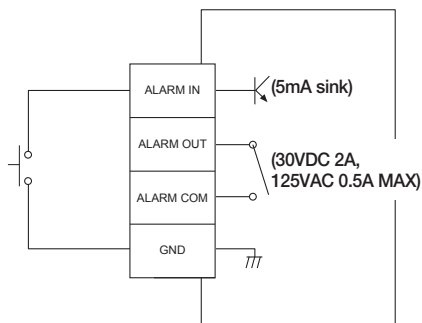
Tilslutning til lydind-/udgang



1. Tilslut MIC-stikket på kameraet direkte til mikrofonen eller LINE OUT-stikket på forstærkeren, som mikrofonen er tilsluttet.
2. Tilslut SPEAKER-stikket på kameraet med LINE IN-stikket på højttaleren.
3. Kontroller specifikationerne for lydindgang.

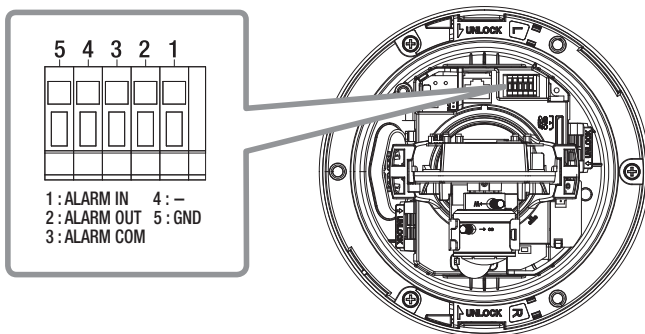
- **Audio-codec**
G.711 PCM. μ -law 64kbps 8kHz sampling
- **Fuld dobbelt audio**
- **Audio in**
Anvendes til linjeindgang af monosignal (Maks. 2,4 Vpp)
- **Audio out**
Anvendes til linjeudgang af monosignal (Maks. 2,4 Vpp)
- **Linjeudgangsimpedans**
600 Ω

Alarm I/O ledningsdiagram



Tilslutning til I/O-stikboks

Tilslut Alarm I/O-kablet til det tilsvarende stik på den inderste stikboks.



- ALARM IN : Bruges til at tilslutte alarmindgangssignalet.
- ALARM OUT : Bruges til at tilslutte alarmudgangssignalet.
- ALARM COM : Fælles port, hvor alarmudgangssignalet tilsluttes.
- GND : Bruges til jordforbindelse.

installation og tilslutning

Sådan tilsluttes alarmindgangssignalet

Slut én tråd fra hver signallinje (2-trådet) fra sensorene til **[ALARM IN]**-porten, og slut den anden tråd til **[GND]**-porten.

Sådan tilsluttes alarmudgangssignalet

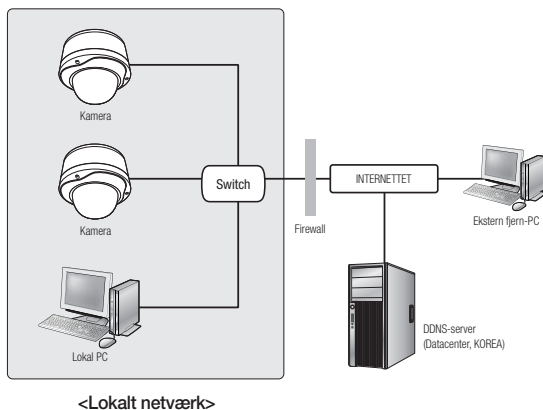
Slut én tråd fra hver signallinje (2-trådet) fra en ekstern enhed til **[ALARM OUT]**-porten, og slut den anden tråd til **[ALARM COM]**-porten.

Du kan indstille netværksindstillingerne i henhold til dine netværkskonfigurationer.

TILSLUTNING AF KAMERAET DIREKTE TIL LOKALT NETVÆRK

Tilslutning til kameraet fra en lokal pc i LAN

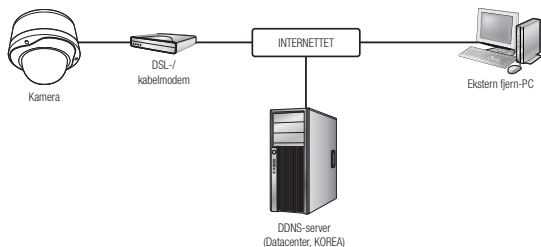
1. Start en internetbrowser på den lokale PC.
2. Angiv IP-adressen på kameraet i browserens adressefelt.



- En fjern-pc i et eksternt internet uden for LAN-netværket er muligvis ikke i stand til at oprette forbindelse til kameraet, der er installeret i intranettet, hvis port-forwarding ikke er korrekt indstillet, eller der er en firewall. I dette tilfælde skal du kontakte din netværksadministrator for at løse problemet.
- Som standardindstilling tildeles IP-adressen automatisk fra DHCP-serveren. Hvis der ikke er nogen DHCP-server tilgængelig, bliver IP-adressen sendt til 192.168.1.100. Brug IP-installationsprogrammet til at ændre IP-adressen. For flere detaljer om brug af IP-installationsprogrammet skal du se "**Statisk IP-opsætning**". (side 44)

netværksforbindelse og opsætning

TILSLUTNING AF KAMERAET DIREKTE TIL ET DHCP-BASERET DSL-/KABELMODEM

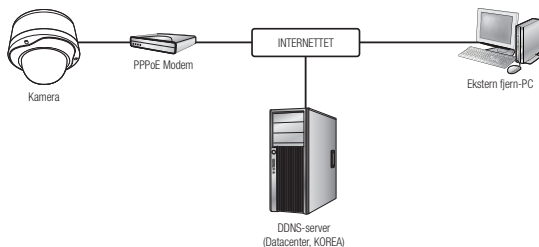


1. Anvend LAN-krydskablet til at tilslutte netværkskablet direkte til din PC.
2. Kør IP-installationsprogrammet, og ændr kameraets IP-adresse, så du kan bruge webbrowseren på dit skrivebord til at oprette forbindelse til internettet.
3. Brug internetbrowseren til at oprette forbindelse til kameraet.
4. Gå videre til siden **[Setup]**.
5. Gå videre til **[Network] – [DDNS]**, og konfigurer DDNS-indstillingerne.
6. Gå til **[Network] – [Interface]**, og indstil netværkstypen til **[DHCP]**.
7. Tilslut kameraet, der er frakoblet pc'en, direkte til modemmet.
8. Genstart kameraet.



- Se "**Registrering med DDNS**" om registrering af DDNS-indstillingerne. (side 77)
- Se "**DDNS**" om konfiguration af DDNS-indstillingerne. (side 76)
- Se "**Interface**" om indstilling af netværkstype. (side 74)

TILSLUTNING AF KAMERAET DIREKTE TIL ET PPPoE-MODEM



1. Anvend LAN-krydskablet til at tilslutte netværkskablet direkte til din PC.
2. Kør IP-installationsprogrammet, og ændr kameraets IP-adresse, så du kan bruge webbrowseren på dit skrivebord til at oprette forbindelse til internettet.
3. Brug internetbrowseren til at oprette forbindelse til kameraet.
4. Gå videre til siden **[Setup]**.
5. Gå videre til **[Network]** – **[DDNS]**, og konfigurer DDNS-indstillingerne.
6. Gå til **[Network]** – **[Interface]**, og indstil netværkstypen til **[PPPoE]**.
7. Tilslut kameraet, der er frakoblet pc'en, direkte til modemmet.
8. Genstart kameraet.

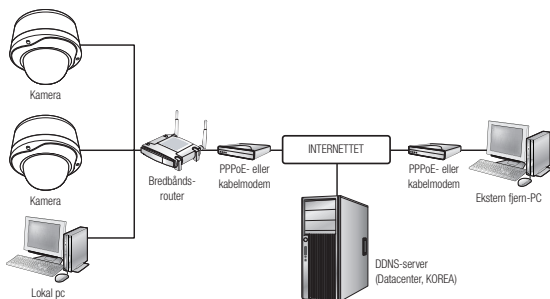


- Se "**Registrering med DDNS**" om registrering af DDNS-indstillingerne. (side 77)
- Se "**DDNS**" om konfiguration af DDNS-indstillingerne. (side 76)
- Se "**Interface**" om indstilling af netværkstype. (side 74)

netværksforbindelse og opsætning

TILSLUTNING AF KAMERAET TIL EN BREDBÅNDS-ROUTER MED PPPoE-/KABELMODEMMET

Dette gælder for et lille netværksmiljø, f.eks. private hjem, hjemmekontorer og almindelige butikker.



Konfiguration af netværksindstillinger på den lokale pc tilsluttet en Bredbånds-router

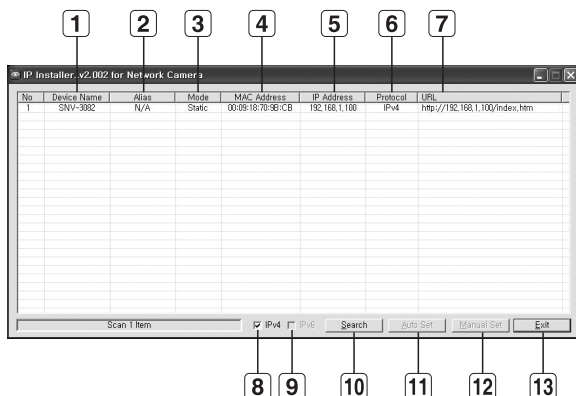
Følg nedenstående instruktioner for at konfigurere netværksindstillingerne på den lokale pc tilsluttet en Bredbånds-router.

- Vælg : <Netværkskvarter> → <Egenskaber> → <Tilslutning til lokalt område> → <Egenskaber> → <Generelt> → <Internetprotokol (TCP/IP)> → <Egenskaber> → <Få automatisk en IP-adresse> eller <Brug følgende IP-adresse>.
- Følg nedenstående instruktioner, hvis du vælger <Brug følgende IP-adresse>:
 - eks.1) Hvis (LAN IP) Bredbånds-routerens adresse er 192.168.1.1
IP-adresse : 192.168.1.100
Undernetmaske : 255.255.255.0
Standardgateway : 192.168.1.1
 - eks.2) Hvis (LAN IP) Bredbånds-routerens adresse er 192.168.0.1
IP-adresse : 192.168.0.100
Undernetmaske : 255.255.255.0
Standardgateway : 192.168.0.1
 - eks.3) Hvis (LAN IP) Bredbånds-routerens adresse er 192.168.xxx.1
IP-adresse : 192.168.xxx.100
Undernetmaske : 255.255.255.0
Standardgateway : 192.168.xxx.1



- Bredbånds-routerens adresse findes i dokumentationen til produktet.
- For flere informationer om port-forwarding på bredbåndsrouten: Se "**Opsætning af videresendelse af portinterval (porttilknytning)**". (side 49)

ANVENDTE KNAPPER I IP-INSTALLATIONSPROGRAMMET



Element	Beskrivelse
1 Device Name	Modelnavn på det tilsluttede kamera. Klik på kolonnen for at sortere listen efter modelnavn. Søgningen stopper dog, hvis du klikker under søgningen.
2 Alias	Denne funktion er pt. ikke implementeret.
3 Mode	Viser enten <Static>, <Dynamic> eller <PPPoE> for den nuværende netværksstatus.
4 MAC(Ethernet) Address	Ethernet-adressen på det tilsluttede kamera. Klik på kolonnen for at sortere listen efter Ethernet-adresse. Søgningen stopper dog, hvis du klikker under søgningen.
5 IP Address	Det er en IP-adresse angivet i kameraet. Klik på kolonnen for at sortere listen efter IP-adresse. Søgningen stopper dog, hvis du klikker under søgningen.
6 Protocol	Netværksindstillinger for kameraet. Fabriksindstillingen er "IPv4". Kameraer med IPv6-indstillingen vises som "IPv6".

netværksforbindelse og opsætning

Element	Beskrivelse
7 URL	DDNS URL-adresse, der giver mulighed for adgang fra det eksterne internet. Den erstattes dog af kameraets <IP Address>, hvis DDNS-registreringen ikke lykkes.
8 IPv4	Scanner kameraet efter IPv4-indstillingen.
9 IPv6	Scanner kameraet efter IPv6-indstillingen. Kun aktiveret i et IPv6-kompatibelt miljø.
10 Search	Scanner efter kameraer, der er tilsluttet til netværket. Denne knap er dog grå, hvis hverken IPv4 eller IPv6 er markeret.
11 Auto Set	IP-installationsprogrammet konfigurerer automatisk netværksindstillingerne.
12 Manual Set	Du skal konfigurere netværksindstillingerne manuelt.
13 Exit	Afslutter IP-installationsprogrammet.



- Angående IP-installationsprogrammet skal du kun bruge den version af installationsprogrammet, der leveres med installations-cd'en eller den seneste version, hvis den er tilgængelig. Du kan downloade den nyeste version fra Samsungs website (www.samsungcctv.com).

STATISK IP-OPSÆTNING

Manuel netværksopsætning

Kør <IP Installer_v2.XX.exe> for at få vist kameraets søgeliste.

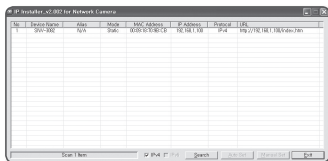
Efter den første opstart bliver både [Auto Set] og [Manual Set] grå.



- For kameraer fundet med IPv6-indstillingen er disse knapper grå, da kameraerne ikke understøtter denne funktion.

1. Vælg et kamera på søgelisten.
Kontroller kameraets MAC-adresse på kameraets etiket.
Både knappen [Auto Set] og [Manual Set] aktiveres.

2. Klik på [Manual Set].
Dialogboksen Manual Setting vises.
Kameraets standardværdier for <IP Address>, <Subnet Mask>, <Gateway>, <HTTP Port> og <VNP Port> vises.



3. I ruden <Address> angives de nødvendige oplysninger.

- MAC (Ethernet) Address : MAC-adressen, som er trykt på kameraets etiket, vises automatisk og kræver ikke brugerindstilling.



- Du kan kun konfigurere indstillingerne for den statiske IP, hvis DHCP-afkrydsningsfeltet ikke er markeret.

Hvis du ikke bruger en Bredbånds-router

Kontakt din netværksadministrator for indstillingen <IP Address>, <Subnet Mask> og <Gateway>.

4. I ruden <Port> angives de nødvendige oplysninger.

- HTTP Port : Bruges til at få adgang til kameraet med internetbrowseren, standard er 80.
- VNP Port : Bruges til at kontrollere videosignaloverførsel, standard er 4520.

5. Indtast adgangskoden.

Angiv adgangskoden for kontoen "admin", som blev brugt til at få adgang til kameraet.

Standardadgangskoden er "4321".



- Standardadgangskoden kan blive eksponeret for hackertrusler, så det anbefales at skifte adgangskode efter installation af produktet.
Bemærk, at sikkerhed og andre relaterede problemstillinger forårsaget af uændret adgangskode er brugerens ansvar.
- Hvis du vil ændre adgangskoden, skal du se "**Ændring af administrator-adgangskode**" i brugeropsætningen. (side 95)

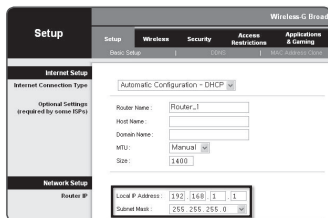
6. Klik på [OK].

Den manuelle netværksopsætning afsluttes.

netværksforbindelse og opsætning

Hvis du bruger en Bredbånds-router

- IP Address : Indtast en adresse inden for IP-området leveret af Bredbånds-routeren.
eks.) 192.168.1.2~254,
192.168.0.2~254,
192.168.XXX.2~254
- Subnet Mask : Bredbånds-routerens <Subnet Mask> er kameraets <Subnet Mask>.
- Gateway : Bredbånds-routerens <Local IP Address> er kameraets <Gateway>.



- Indstillingerne kan være forskellige alt efter modellen af den tilsluttede Bredbånds-router. Yderligere oplysninger findes i den pågældende routers brugervejledning.
- For flere informationer om port-forwarding på bredbåndsrouten: Se "Opsætning af videresendelse af portinterval (porttilknytning)". (Side 49)

Hvis Bredbånds-routeren har mere end et kamera tilsluttet

Konfigurer de IP-relaterede indstillinger og de port-relaterede indstillinger tydeligt med hinanden.
eks.)

Kategori		Kamera #1	Kamera #2
IP-relaterede indstillinger	IP Address	192.168.1.100	192.168.1.101
	Subnet Mask	255.255.255.0	255.255.255.0
	Gateway	192.168.1.1	192.168.1.1
Port-relaterede indstillinger	HTTP Port	8080	8081
	VNP Port	4520	4521



- Hvis <HTTP Port> er indstillet til andet end 80, skal du angive nummeret på <Port> i adressefeltet i internetbrowseren, inden du kan få adgang til kameraet.
eks.) http://IP-adresse: HTTP-port
http://192.168.1.100:8080

Automatisk netværksopsætning

Kør <IP Installer_v2.XX.exe> for at få vist kameraets søgeliste.

Efter den første opstart bliver både [Auto Set] og [Manual Set] grå.



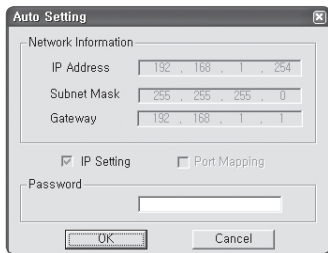
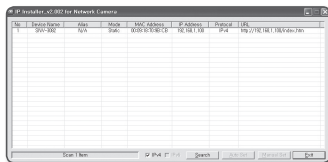
- For kameraer fundet med IPv6-indstillingen er disse knapper grå, da kameraerne ikke understøtter denne funktion.

- Vælg et kamera på søgelisten.
Kontroller kameraets MAC-adresse på kameraets etiket.
Både knapperne [Auto Set] og [Manual Set] aktiveres.
- Klik på [Auto Set].
Dialogboksen Auto Setting vises.
<IP Address>, <Subnet Mask> og <Gateway> indstilles automatisk.
- Indtast adgangskoden.
Angiv adgangskoden for kontoen "admin", som blev brugt til at få adgang til kameraet.
Standardadgangskoden er "4321".



- Standardadgangskoden kan blive eksponeret for hackertrusler, så det anbefales at skifte adgangskode efter installation af produktet.
Bemærk, at sikkerhed og andre relaterede problemstillinger forårsaget af uændret adgangskode er brugerens ansvar.
- Hvis du vil ændre adgangskoden, skal du se "**Ændring af administrator-adgangskode**" i brugeropsætningen. (side 95)

- Klik på [OK].
Den automatiske netværksopsætning afsluttes.



netværksforbindelse og opsætning

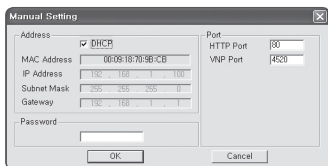
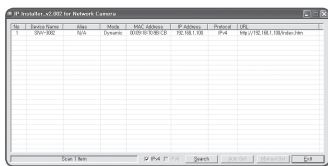
DYNAMISK IP-OPSÆTNING

Dynamisk IP-miljøopsætning

- Eksempel på dynamisk IP-miljø
 - Hvis en Bredbånds-router med tilsluttede kameraer tildeles en IP-adresse af DHCP-serveren
 - Hvis kameraet tilsluttes direkte til modem med DHCP-protokollerne
 - Hvis der tildeles IP'er af den interne DHCP-server via LAN

Kontrol af den dynamiske IP

1. Kør IP-installationsprogrammet på brugerens lokale computer. Kameraer, som tildeles <Dynamic IP>-adresse vises på listen.
2. Vælg et kamera fra søgeresultatet.
3. Klik på knappen [Manual Set], og kontroller kameraets <Dynamic IP>-adresse.
Hvis du fjerner afkrydsningen <DHCP>, kan du ændre IP til <Static>.

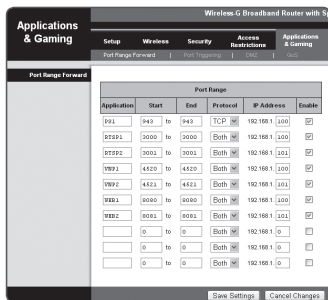


OPSÆTNING AF VIDERESEDELSE AF PORTINTERVAL (PORTTILKNYTNING)

Hvis du har installeret en Bredbånds-router med tilsluttet kamera, skal du angive portinterval fremad på Bredbånds-routeren, så en fjern-pc kan få adgang til kameraet.

Manuel videresendelse af portinterval

1. Vælg **<Applications & Gaming>**
- **<Port Range Forward>** i opsætningsmenuen på Bredbånds-routeren.
Se Bredbånds-routerens vejledning for oplysninger om, hvordan videresendelse af portintervallet indstilles for en tredjeparts-Bredbånds-router.
2. Vælg **<TCP>** og **<UDP Port>** for hvert kamera, der er tilsluttet til Bredbånds-routeren.
Hvert portnummer til bredbåndsrouteren skal passe til det, der er angivet i **<Setup>** - **<Network>** - **<Port>** i kameraets webfremvisermenu.
3. Klik bagefter på **[Save Settings]**.
Dine indstillinger gemmes.



- Ovenstående eksempelinstruktioner er baseret på CISCO's Bredbånds-router.
- Indstillingerne kan være forskellige alt efter modellen af den tilsluttede Bredbånds-router. Yderligere oplysninger findes i den pågældende routers brugervejledning.

netværksforbindelse og opsætning

Indstilling af område til port-forwarding for flere netværkskameraer

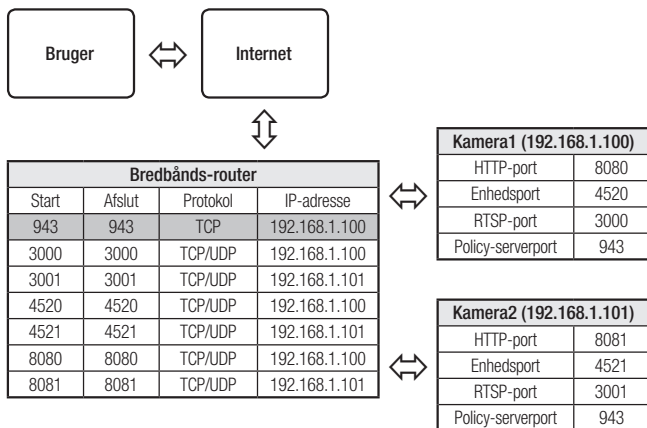
Hvis der er sluttet flere netværkskameraer til én Bredbånds-router, bør du videresende TCP-port 943 på routeren til TCP-port 943 på et tilsluttet kamera.



- Hvis du ikke korrekt indstiller TCP-port 943 på routeren, kan du ikke få nogen videostream fra kameraets webside.

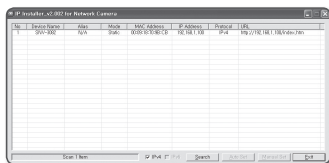
- TCP-port 943 er en port til et kameras Silverlight-policy-server.
- Du kan indstille en regel for port-forwarding af Bredbånds-router-enheden på dens webside til konfiguration.
- Du kan ikke ændre Silverlight-policy-serverens port på et kamera.
- Med undtagelse af policy-serverporten kan du ændre kameraets porte på dens webside til konfiguration.

Når Kamera1 og Kamera2 er sluttet til en router :



TILSLUTNING TIL KAMERAET FRA EN DELT LOKAL PC

1. Kør IP-installationsprogrammet.
Det scanner efter tilsluttede kameraer og viser en liste over dem.
2. Dobbeltklik på et kamera for at få adgang til det.
Internetbrowseren starter og opretter forbindelse til kameraet.



- Du kan også få adgang til kameraet ved at indtaste IP-adressen fundet på kameraet i internetbrowserens adressefelt.

TILSLUTNING TIL KAMERAET FRA EN FJERN-PC VIA INTERNETTET

Da brug af IP-installationsprogrammet på en fjerntcomputer, der ikke er i Bredbånds-routerens netværkssklynge, ikke er tilladt, kan brugere tilgå kameraer i en Bredbånds-routers netværk ved at bruge kameraets DDNS-URL.

1. Inden du kan få adgang til et kamera i Bredbånds-routernetværket, skal du have indstillet videresendelse af portintervallet for Bredbånds-routeren.
2. Start internetbrowseren på fjern-pc'en, og indtast kameraets DDNS URL-adresse eller Bredbånds-routerens IP-adresse i adressefeltet.
eks.) [http://www.samsungipolis.com/\[Produkt-ID\]](http://www.samsungipolis.com/[Produkt-ID])

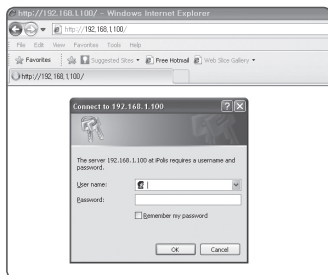


- Se "**Registrering med DDNS**" om registrering af DDNS-indstillingerne. (side 77)

TILSLUTNING TIL KAMERAET

Normalt vil du gøre følgende

1. Start internetbrowseren.
2. Indtast kameraets IP-adresse på adresselinjen.
eks.) • IP address (IPv4) : 192.168.1.100
→ http://192.168.1.100
- login-dialogen vises.
• IP address (IPv6) : 2001:230:abcd:ffff:0000:0000:ffff:1111
→ http://[2001:230:abcd:ffff:0000:0000:ffff:1111] - login-dialogen vises.



Hvis HTTP-porten ikke har værdien 80

1. Start internetbrowseren.
2. Indtast kameraets IP-adresse og HTTP-portnummer på adresselinjen.
eks.) IP address : 192.168.1.100:HTTP Port number(8080)
→ http://192.168.1.100:8080 - login-dialogen vises.

Brug af URL

1. Start internetbrowseren.
2. Indtast kameraets DDNS-URL på adresselinjen.
eks.) URL address : http://www.samsungipolis.com/[Produkt-ID]
- login-dialogen vises.

▪ Sådan kontrolleres DDNS-adressen

Hvis kameraet er tilsluttet direkte til et DHCP-kabelmodem, DSL-modem eller PPPoE-modem, vil IP-adressen på dit netværk ændres, hver gang du forsøger at oprette forbindelse til ISP-serveren (internetudbyderens server).

Hvis dette er tilfældet, vil du ikke blive informeret om, at IP-adressen ændres af DDNS.

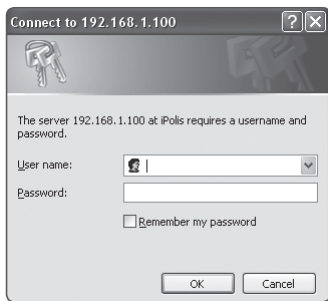
Når du tilmelder en dynamisk IP-baseret enhed til DDNS-serveren, kan du nemt tjekke den ændrede IP, når du forsøger at få adgang til enheden.

For at registrere enheden på <DDNS>-serveren skal du besøge www.samsungipolis.com og registrere enheden først og derefter indstille <Network> - <DDNS> for Web Viewer til <Samsung DDNS> samt angive det <Produkt-ID>, som blev brugt til DDNS-registrering.

LOG PÅ

Når som helst, du tilgår kameraet, vises log ind-vinduet. Indtast bruger-id'et og adgangskoden for at tilgå kameraet.

1. Indtast "**admin**" i indtastningsfeltet <User Name>.
Administrator-id'en "**admin**" er fast og kan ikke ændres.
2. Indtast "**4321**" i indtastningsfeltet <Password>.
Hvis adgangskoden er ændret, skal du indtaste den ændrede adgangskode i stedet.
3. Klik på [OK].
Hvis du er logget på, vil du se Live Viewer-skærmen.



- Standard-bruger-id er "**admin**", og standard-adgangskoden er "**4321**".
- Af sikkerhedsgrunde skal du ændre adgangskoden i <System> - <Bruger>.
- Standardadgangskoden kan blive eksponeret for hackertrusler, så det anbefales at skifte adgangskode efter installation af produktet.
Bemærk, at sikkerhed og andre relaterede problemstillinger forårsaget af uændret adgangskode er brugerens ansvar.
- Hvis du markerer feltet "**Remember my password**", når du har foretaget din indtastning, logges du på automatisk uden at blive bedt om at indtaste login-oplysninger fra og med næste gang.



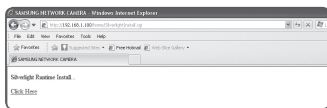
- Du får den bedste videokvalitet, hvis skærmstørrelsen er 100%. Hvis dette forhold reduceres, kan billedets kanter blive beskåret.

INSTALLATION AF SILVERLIGHT RUNTIME

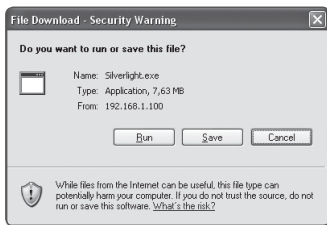
Hvis der ikke er installeret Silverlight Runtime på din pc, eller du kun har installeret en ældre runtime-version, vil du automatisk blive omdirigeret til Silverlight Runtime installationsiden, når du starter web vieweren.

■ Sådan installerer du på et Windows-operativsystem

1. Klik på <Click Here>.



2. Når dialogboksen for filoverførsel åbnes, skal du klikke på <Run>.



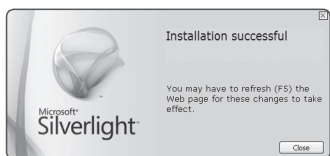
3. Når overførslen er fuldført, skal du klikke på <Run>.



4. Silverlight Runtime-installationssiden vises. <Install now> for at fortsætte med installationen.



5. Vælg <Close>, når du er færdig.



▪ Sådan installerer du på MAC OS

1. Kør filen med filtypenavnet “.dmg”.



2. Kør den automatisk oprettede installationspakkefil, som har filtypenavnet “.pkg”.



3. Klik på <Continue>.



web viewer

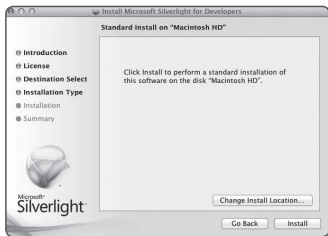
4. Vælg dit sprog på skærbilledet med sprogvalg, og klik på **<Continue>**.



5. Klik på **<Agree>**.



6. Klik på **<Install>**.



7. Angiv adgangskoden til den konto, der aktuelt er logget ind, og klik på **<Install Software>**, og fortsæt.



8. Klik på **<Close>**, når du er færdig.



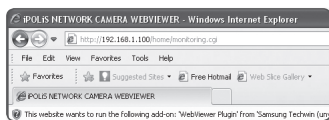
INSTALLATION AF STW WEBVIEWER-PLUGIN'EN

Når du tilslutter kameraet første gang, får du vist installationsmeddelelsen. Installer derefter den nødvendige WebViewer-plugin-in for at få adgang til kameraet, og kontrollér videoen derfra i realtid.

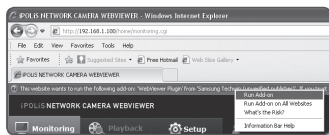


- Microsoft Visual C++ 2010 Redistributable Package skal installeres på pc'en, før du kan installere Web viewer plug-in'en. Hvis Visual Studio 2010 ikke er installeret endnu, vises meddelelsen "VC++ 2010 runtime er ikke installeret. Installer runtime-biblioteket" Kør filen vc_redist_x86.exe, der kan findes på Samsungs websted på www.samsungcctv.com eller på den medfølgende installations-cd. Filen vc_redist_x86.exe er et installationsprogram til Microsofts Visual Studio 2010 Redistributable Package til 32-bit operativsystemer.

1. Ved adgang til startskærmen på overvågningssiden: Klik på den gule advarselssmeddelelse øverst på siden.



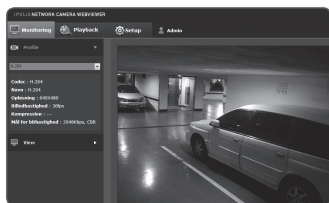
2. Klik på <Run Add-on>.



3. Pop-up-meddelelsen med sikkerhedsadvarsel vises. Klik på [Run].



4. Når Web Viewer-plugin-in'en er installeret korrekt, vil du se live-skærmen.



BRUG AF LIVE-SKÆRMEN



Element	Beskrivelse
1 Overvågning	Flyt til overvågningsskærmen.
2 Afspilning	Skift til overvågningsskærmen, der afspiller optagede data i SD-hukommelsen.
3 Opsætning	Flyt til opsætningsskærmen.
4 Viewer-skærm	Viser Live-videoen på skærmen. ■ Du kan bruge musen til at aktivere digital zoom på Viewer-skærmen.
5 Profiltipe	Du kan vælge en profiltipe i <Videoprofil> under opsætningsmenuen <Video & Audio>. ■ Når Web Viewer er tilsluttet, vises den aktuelt anvendte profilinformation.
6 Skærmoptimering	Kameraets videostørrelse skifter til webbrowserens størrelse.
7 Fastsæt opløsningen	Uanset den opløsning, der er konfigureret i kameraet, indstilles opløsningen til 640x480. Tryk igen for at vende tilbage til standardopløsning.

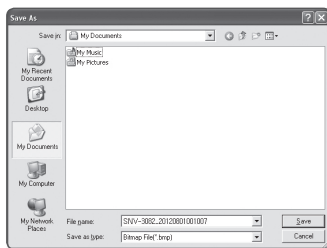
Element	Beskrivelse
8 Fuld skærm	Skift den aktuelle video til skærmens maksimale størrelse.
9 Optag	Gemmer snapshotet som en billedfil i formatet .bmp eller .jpg.
10 Lyd-/mikrofonstyring	Aktiver/deaktiver lyd og mikrofon, og styr volumen.
11 Alarmudgang	Aktiverer alarmudgangen.
12 Skjul kontekstmenuen	Kontekstmenuen i venstre hjørne forsvinder, men kun menuikonet.

Sådan optages snapshotet

1. Klik på **[Optag ()]** det motiv, der skal optages. Dialogen til optagelse vises.
2. Bekræft lagringssti, og klik på knappen **[Save]**.
Skærbilledet gemmes i den angivne sti.



- Hvis du oplever afbrudte videoer, når du optager billedet med IE8 på en Windows 7-baseret pc: Fravælg **"Slå beskyttet tilstand til"** fra **"Funktioner – Internetindstillinger – Sikkerhed"**.



Sådan tilpasses til fuld skærm

1. Klik på knappen **[Fuld skærm ()]**.
2. Herved tilpasses Viewer til hele skærmen.
3. Du kan forlade fuldskræmsvisning ved at trykke på **[Esc]** på tastaturet.



- I Internet Explorer og Google Chrome-browseren kan du skifte til fuld skærm.

Sådan styres lyden

1. Klik på ikonet [**Lyd** ()] for at aktivere lydkommunikation.
2. Brug bjælken [] til at styre lydstyrken.

Sådan styres mikrofonen

1. Klik på ikonet [**Mikrofon** ()] for at aktivere mikrofonen.

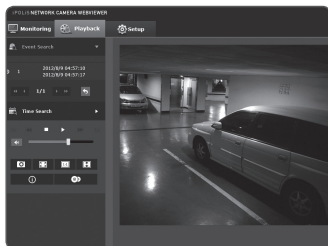
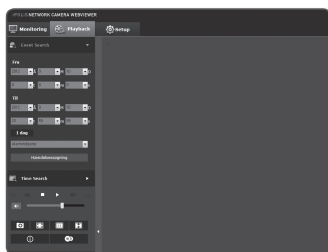
WYSZUKUJ I ODTWARZAJ WEDŁUG ZDARZEŃ

1. Kliknij przycisk [**Playback** ()].
2. Wybierz typ zdarzenia do wyszukiwania dla podanego okresu.
3. Wybierz rodzaj wyszukiwania.
4. Kliknij przycisk [**Hændelsessøgning**].
W przeglądarce zostaną wyświetlone wyniki wyszukiwania.



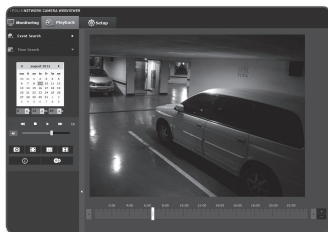
- W przypadku nagrania ponad 500 zdarzeń w trakcie wyszukiwania wyszukiwanie zostanie przerwane po nagraniu 500. zdarzenia. Na przykład, jeśli okres wyszukiwania ustawiony jest pomiędzy 10 a 15 dniem miesiąca, a pomiędzy 10 a 11 dniem zostało nagranych ponad 500 zdarzeń, wyszukiwanie zostanie przerwane 11-tego dnia z liczbą 500 zdarzeń. Natomiast wyszukiwanie zdarzeń mających miejsce po tym czasie (od dnia 12-tego) będzie niemożliwe.

5. Wybierz z listy wyszukiwania pozycję, która ma być odtwarzana.
6. Kliknij przycisk [**Odtwarzaj** ()].
7. Aby zatrzymać odtwarzanie wideo, kliknij przycisk [**Zatrzymaj** ()].
8. Aby wrócić do ekranu wyszukiwania, kliknij [**Wyjdź** ()].



WYSZUKUJ I ODTWARZAJ WEDŁUG GODZINY

1. Kliknij [Time Search (🔍)].
2. Kliknij żadaną datę w kalendarzu.
Zostanie odtworzone wideo zarejestrowane wybranego dnia.
3. Hvis videoafspilningen er stoppet, skal du vælge et tidspunkt og klikke på [Afspil (▶)].
Video for det valgte tidspunkt afspilles.
4. Podczas odtwarzania wideo będzie wyświetlany czas nagrywania dla bieżącego obrazu wideo.
5. Wyszukuj wideo przechodząc wstecz i do przodu oraz steruj prędkością odtwarzania.
 - Sterowanie prędkością odtwarzania
W przypadku wyboru ►►, przycisk zostanie przełączony na x1, x2, x4, x8, a prędkość odtwarzania odpowiednio zwiększona.
W przypadku wyboru ◄◄, przycisk zostanie przełączony na x8, x4, x2, x1, a prędkość odtwarzania odpowiednio zmniejszona.
 - Sterowanie kierunkiem odtwarzania
Jeśli wraz z wyświetleniem prędkości odtwarzania zostanie wyświetlony przycisk ►► obraz wideo będzie odtwarzany do przodu; Natomiast, jeśli wraz z prędkością odtwarzania zostanie wyświetlony przycisk ◄◄ obraz wideo będzie odtwarzany do tyłu.
6. Przenieś [Pasek czasu (🕒)] do żadanego punktu w nagraniu wideo przed rozpoczęciem odtwarzania.
Godzina z plikiem normalnego nagrania zostanie podświetlona na niebiesko, a godzina nagrania zdarzenia — na czerwono.

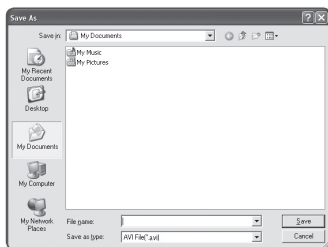


Sådan kontrolleres tidsoplysningerne for videoen, der afspilles

1. Klik på knappen [Om ()].
2. Dato- og klokkeslætsinformationer vises på skærmen.

Sådan laves en sikkerhedskopi af den søgte video

1. Under afspilning: Klik på [] på motivet for at sikkerhedskopiere. Planlægningsvinduet for start- og sluttidspunkt for sikkerhedskopiering vises.
2. Klik på knappen []. Vinduet Gem som vises.
3. Bekræft lagringsstien, og klik på knappen [Save]. Skærbilledet sikkerhedskopieres til den angivne sti.



Sådan afspilles sikkerhedskopieret video

Den sikkerhedskopierede video gemmes i formatet .avi. Den sikkerhedskopierede video kan afspilles i enhver multimedieafspiller, der understøtter formatet, på din pc.

opsætningsskærm

OPSÆTNING

Du kan konfigurere video og lyd, netværk, hændelser og systemindstillinger for kameraet i netværket.

1. Klik på **[Setup ()]** på Live-skærmen.

2. Opsætningsskærmen vises.



- Microsoft Silverlight 4.0 skal være installeret på pc'en for opsætningssider, der forhåndsviser video.
Hvis denne ikke er installeret allerede, skiftes automatisk til installation af Silverlight.

OPSÆTNING AF AUDIO OG VIDEO

Videoprofil

1. Vælg fanen **<Video & Audio ()>** i opsætningsmenuen.

2. Klik på **<Videoprofil>**.

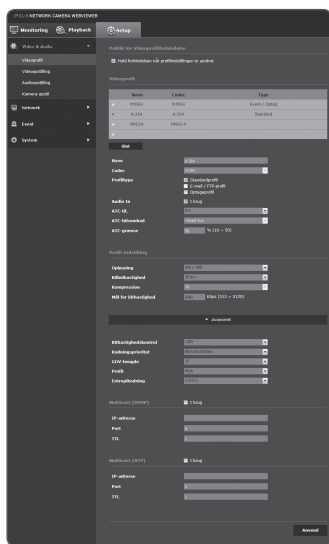
3. Indstil **<Politik for Videoprofilforbindelse>**.

- Hold forbindelsen når profilindstillinger er ændret : Ændring af profilegenskaber, der anvendes af en eksisterende forbindelse, berører ikke en sådan tilslutning og beholder den gamle profilopsætning.
Hvis denne ikke er valgt, vil ændring af en profil, der anvendes af en eksisterende forbindelse, nulstille en sådan forbindelse.

4. Vælg de enkelte profilegenskaber.

5. Klik på indtastningsfeltet for hvert element, og indtast / vælg de ønskede værdier.

- Genvejsmenuen kan variere, afhængigt af den valgte codecstype.



- Standardprofil : Hvis der vælges en profil til brug af Web Viewer, anvendes en standard-videoprofil.
- E-mail / FTP-profil : Video-profil, der skal overføres til den angivne e-mail eller FTP-sted.
 - Kun MJPEG-codec'et kan indstilles som E-mail / FTP-profil.
- Optageprofil : Denne profil anvendes til videooptagelse.
- Audio In : Indstiller, om der skal anvendes lyd ved videooptagelser.

6. Indstil ATC (Automatisk transmissionsstyring) i henhold til situationen.



- ATC-til. : Justerer videoegenskaberne i overensstemmelse med variationerne i netværksbåndbredde, styrer bithastigheden. Justering af bithastigheden afhænger af ATC-tilstanden.
 - Styr billedhast. : Reducerer billedhastigheden, hvis netværksbåndbredden falder.
 - Styr komprimering : Styrer komprimeringsgraden, hvis netværksbåndbredden falder.
Justering af komprimering kan medføre forringelse af billedkvaliteten.
- Hvis **<Bithastighedskontrol>** er indstillet til **<CBR>**, fastsættes kodningsprioriteten i henhold til ATC-tilstanden som følger:

Bithastighedskontrol / ATC-til.	Styr billedhastighed	Styr komprimering
CBR	Billedhastighed	Komprimering

- ATC-følsomhed : Påvirker overførselshastigheden i henhold til variationerne i netværksbåndbredden.
Overførselshastigheden justeres til den hurtigste, hvis båndbredden er **<Meget høj>** og justeres til den langsomste, hvis båndbredden er **<Meget lav>**.
- ATC-grænse : Hvis kvaliteten eller billedhastigheden justeres, ændres egenskaben til den anvendte værdi (%) i forhold til indstillingsværdien (100%).
Bemærk, at hvis egenskabsværdien justeres for meget, kan der opstå flimren på skærmen. Derfor er det tilrådeligt at justere værdien inden for grænsen.



- Det anbefales kun at anvende ATC-styring for kameraer, der understøtter ATC.
- Indstil ATC-følsomheden til **<Meget lav>** i et netværksmiljø med høj variation i netværksbåndbredden.
- Hvis netværksforbindelsen er ustabil, kan der opstå flimren på skærmen.

7. Klik på [Anvend ()], når du er færdig.



- MPEG-4-videoeer kan ikke gemmes i SD-hukommelsen.

Sådan tilføjes en videoprofil

Du kan tilføje så mange codec'er, som der er brug for, således at der kan anvendes en række profiler på optagefunktionen.

1. Vælg en af mulighederne fra **<Videoprofil>**.
2. Angiv navnet og vælg et codec.
3. Angiv de betingelser, hvorunder den pågældende codec vil blive anvendt.
4. Angiv detaljerne for den valgte codec, inklusive opløsning og billedhastighed. Klik på **<Avanceret>** for at vise genvejsmenuen.
 - Opløsning : Indstil videostørrelsen for filer af typen MPEG-4, H.264 og MJPEG.
 - Billedhastighed : Angiver billedhastigheden.
 - Kompression : Angiver komprimeringsgraden for videoen.
 - Mål for bithastighed : Angiv videoens maksimale bithastighed.



- Da bithastigheden kun kan justeres noget i henhold til opløsningen, billedhastighed og skærmkompleksitet, kan den virkelige bithastighed være større end den maksimale bithastighed. Så du skal tænke på forholdene, når du indstiller denne værdi.

- Bithastighedskontrol : Du kan vælge blandt konstant bithastighed og variabel bithastighed til komprimering. Konstant bithastighed (CBR) varierer videoens kvalitet og har fast overførselshastighed på netværket, mens variabel bithastighed lægger vægt på kvaliteten ved at variere overførselshastigheden på netværket.
- Kodningsprioritet : Du kan indstille videooverførselsmetoden til Framerate eller Compression.
- GOV-længde : Vælg en GOV-længde mellem 1 og 150.
- Profil : Du kan vælge profilmetoden H.264.
- Entropikodning : Reducerer det eventuelle kompressionstab som følge af kodning.
- Multicast (SVNP) : Angiver anvendelse af SVNP-protokollen.
 - IP-adresse : Angiv en IPv4-adresse, hvormed du kan oprette forbindelse til IPv4-netværket.
 - Port : Angiver videokommunikationsporten.
 - TTL : Indstiller TTL for SVNP-pakken.
- Multicast (RTP) : Angiver anvendelse af RTP-protokollen.
 - IP-adresse : Angiv en IPv4-adresse, hvormed du kan oprette forbindelse til IPv4-netværket.
 - Port : Angiver videokommunikationsporten.
 - TTL : Du kan indstille TTL for RTP-pakken.

Hvad er GOV-længde?

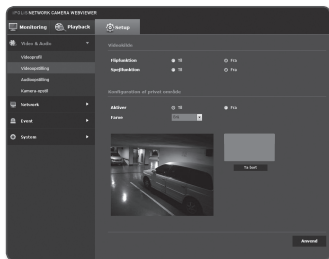
GOV (Gruppe af video-objektplaner) er et sæt af videobilleder til MPEG-4- og H.264-komprimering, der angiver en samling billeder fra det første I-billede (nøglebillede) til næste I-billede. GOV består af 2 slags billeder: I-billede og P-billede.

I-billedet er det grundlæggende billede for kompressionen, også kaldet nøglebilledet. Det indeholder fuldstændige billeddata. P-billedet indeholder kun de data, der har ændret sig i forhold til det foregående I-billede.

Du kan angive en værdi mellem 1 og 150 for MPEG-4 og H.264 CODEC.

Videoopstilling

1. Vælg fanen <Video & Audio ()> i opsætningsmenuen.
2. Klik på <Videoopstilling>.
3. Vælg et nummer på en <Videokilde>.
 - Flipfunktion : Vend det billede, der er optaget af kameraet, på hovedet.
 - Spejlfunktion : Vend det billede, der er optaget af kameraet, ad den vandrette akse.
4. Angiv privatzone.
5. Klik på [Anvend ()], når du er færdig.

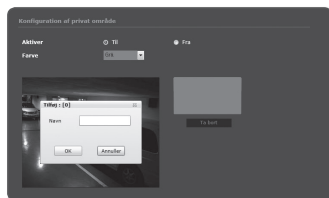


opsætningsskærm

Sådan opsættes den private zone.

Du kan angive et bestemt område af kameraets video, der skal beskyttes af hensyn til dit privatliv.

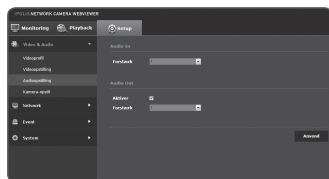
1. Indstil den til **<Aktiver>**.
2. Klik på **[Anvend ()]**, når du er færdig.
3. Angiv den **<Farve>**, der skal udfylde privatområdet.
4. Vælg 4 kanter (der danner en firkant) på videoen.
5. Navngiv den og tryk **[OK]**.
6. Hvis du vil slette et område på listen, skal du vælge det og klikke på **[Ta bort ()]**.



Audioopstilling

Du kan konfigurere I/O-indstillingerne for lyd-kilden fra kameraet.

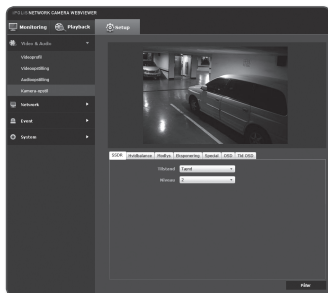
1. Vælg fanen **<Video & Audio ()>** i opsætningsmenuen.
2. Klik på **<Audioopstilling>**.
3. Indstil niveauet for lydindgangen.
 - Forstærk : Indstiller forstærkningen af lydindgangen.
4. Indstil niveauet for lydudgangen.
 - Aktiver : Indstiller, om der skal anvendes lydudgang.
 - Forstærk : Indstiller forstærkningen af lydudgangen.
5. Klik på **[Anvend ()]**, når du er færdig.



Kamera-opstil

Du kan ændre kameraindstillingerne i henhold til det miljø, hvor kameraet befinder sig.

1. Vælg fanen **<Video & Audio ()>** i opsætningsmenuen.
2. Klik på **<Kamera-opstil>**.
3. Konfigurer indstillingerne af det følgende i det omfang, det er nødvendigt : SSDR, Hvidbalance, Modlys, Eksposering, Special, OSD, Tid OSD
4. Klik på **[Anvend ()]**, når du er færdig.
 - Hvis en vis tid (timeout: 240 s) går, hvor du ikke trykker på knappen **[Anvend ()]**, når du har ændret indstillingerne, anvendes dine ændringer ikke.

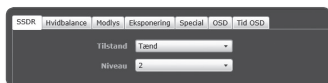


Opsætning af SSDR (Samsung Super Dynamic Range)

I et område, hvor der er stor forskel mellem lys og mørke, kan du øge kun det mørke områdes lysstyrke for at tilpasse den generelle lysstyrke.

1. Vælg **<SSDR>**.
2. Indstil **<Tilstand>** til **<Tænd>**.
3. Konfigurer indstillingerne for **<Niveau>** efter behov.

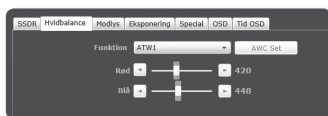
- Niveau : Juster niveauet for det dynamiske område.



Opsætning af hvidbalance

Du kan justere billedfarverne ud fra det hvide under alle lysforhold.

1. Vælg **<Hvidbalance>**.
2. Vælg **<Funktion>**.
 - ATW1/ATW2 : Korrigerer automatisk kameravideoens farver.
 - Manuel : Du kan justere de røde og blå nuancer på kameravideoen.



opsætningsskærm

- AWC : Korrigerer kameravideoens farver optimalt i forhold til lysforhold og skærmtilstand.
Du skal muligvis justere, hvis lysforholdene ændres.
- 3200 K : Indstil farvetemperaturen til 3200 K.
- 5600 K : Indstil farvetemperaturen til 5600 K.

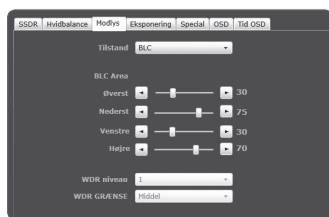


- I AWC-tilstand skal du klikke på knappen **[AWC Set]**, hvis du vil beholde hvidbalanceniveauet på det aktuelle billede.

Brugeropsætning af modlys

Du kan manuelt angive et ønsket område på videoen og indstille dette område til at blive vist mere tydeligt.

1. Vælg **<Modlys>**.
2. Indstil **<Tilstand>** til **<BLC>**.
3. Indstil niveauerne for **<Øverst, Nederst, Venstre, Højre>** for at angive målområdet.



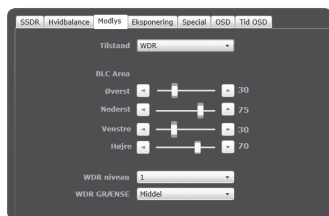
WDR-opsætning

Du kan indstille at vise et skarpt billede med genstandene i en scene, hvor der er både lyse og mørke områder.

1. Vælg **<Modlys>**.
2. Indstil **<Tilstand>** til **<WDR>**.
3. Angiv **<WDR niveau>** og **<WDR GRÆNSE>**.



- Hvis tilstanden WDR er aktiv, kan lukkertilstanden ikke ændres.
Dataoverførsel via netværket er tilgængelig med en hastighed på op til 15 fps.
- Hvis tilstanden WDR er aktiv, kan et objekt i bevægelse forårsage et efterbillede på skærmen.



Opsætning af eksponering

Du kan justere kameraets eksponeringsniveau.

1. Vælg <Eksponering>.

2. Vælg hvert element, og indstil det korrekt.

- Lysstyrke : Justerer skærmens lysstyrke.
- Lukker modus : Justerer kameraets lukker.
 - Manual : Justerer kameraets lukkerhastighed manuelt.
 - ESC (Elektronisk lukningskontrol) : Juster lukkerhastigheden automatisk i overensstemmelse med de omgivende lysforhold.
 - A.FLK (Antiflimren) : Vælg denne funktion, hvis du oplever skærmflimmer, der skyldes frekvensforskel i forhold til det omgivende lys.
- Lukker hastighed : Kontroller lukkerhastigheden manuelt.
- SSNR3 : Angiv brugen af støjreduktion.
- SSNR3 niveau : Justerer støjreduktionsniveauet.
- Sens-up hastighed : Registrerer automatisk graden af mørke om natten eller ved et motiv med lav kontrast og forlænger akkumuleringsstiden herefter for at opnå et lyst og skarpt billede.
 - Hvis du indstiller lukkerfunktionen til Manual/A.FLK, aktiveres Sens-up funktionen.
 - Jo større Sens-Up-faktor, jo lysere bliver skærmen, men det kan medføre et efterbillede eller videoforsinkelse.
- Sens-up grænse : Indstil arbejdsfunktionen til Auto-funktion ved et motiv med lav kontrast.
- Iris : Du kan indstille kameraets iris til Auto eller Manual efter ønske.
 - Auto : Indstiller automatisk iris, så den tilpasses efter det omgivende lys og lukkertiden.
 - Manuel : Indstiller iris til maksimal blænde.
- AGC tilstand : Vælger kontroltilstanden AGC. Juster forstærkningsværdien for videoen (ikke mindst, hvis den er optaget med lav kontrast og har et mindre lysstyrkeniveau end normalt) for at kontrollere videoens lysstyrke.

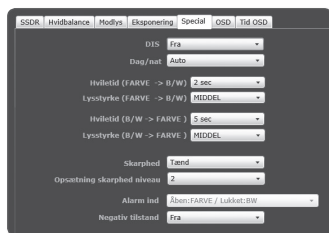


opsætningsskærm

Opsætning af special

1. Vælg **<Special>**.
2. Vælg hvert element, og indstil det korrekte.

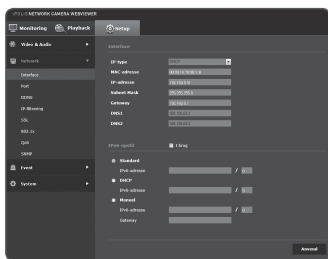
- DIS : Kompenserer automatisk for flimren på skærmen.
- Dag/nat : Du kan skifte funktionen for at justere de sorte og hvide niveauer samt farverne.
 - Farve : Video vises altid i farver.
 - B/W : Video vises altid i sort/hvid.
 - Auto : Bruger farvefunktion til visning under normale forhold i dagtimerne og skifter til sort/hvid-tilstand ved motiver med lav kontrast om natten.
- ▶ Hviletid (FARVE -> B/W) : Hvis du indstiller tilstanden Dag og nat til **<Auto>**, skal du angive, hvor længe lysstyrken skal være for at kunne udføre tilstandsskiftet fra Farve til S/H korrekt.
- ▶ Lysstyrke (FARVE -> B/W) : Hvis du indstiller tilstanden Dag og nat til **<Auto>**, skal du angive det lysstyrkeniveau, hvor tilstanden kan skiftes fra Farve til B/W.
- ▶ Hviletid (B/W -> FARVE) : Hvis du indstiller tilstanden Dag og nat til **<Auto>**, skal du angive, hvor længe lysstyrken skal være for at kunne udføre tilstandsskiftet fra B/W til Farve korrekt.
- ▶ Lysstyrke (B/W -> FARVE) : Hvis du indstiller tilstanden Dag og nat til **<Auto>**, skal du angive det lysstyrkeniveau, hvor tilstanden kan skiftes fra B/W til Farve.
- Hvis du indstiller AG-CALLCENTRE-tilstanden til FRA fra **<Eksponering>**, deaktiveres AUTO DAG/NAT-funktionen tilsvarende.
- Ekstern S/H : Bestem billedtilstandene for farve og sort/hvid, når en ekstern infrarød synkroniseres via alarmindgangsporten.
- Skarphed : Justerer billedets generelle skarphed. Hvis du vælger **<Tænd>**, kan du justere billedets skarphed.
- Opsætning skarphed niveau : Jo højere niveauet er, desto skarpere og tydeligere bliver konturerne i billedet.
- Alarm ind : Indstil billedet til FARVE eller B/W, afhængigt af alarmsensorens åben/lukket-status.
 - Hvis tilstanden Dag og nat er indstillet til Ekstern s/h, deaktiveres alarmindgangsfunktionen for hændelsesalarmens inputside.
- Negativ tilstand : Viser videobilledet negativt.



NETVÆRKSOPSÆTNING

Interface

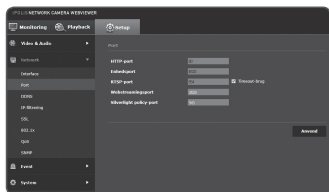
1. Vælg fanen **<Network (🖥️)>** i opsætningsmenuen.
2. Klik på **<Interface>**.
3. Indstil **<Interface>**.
 - IP-type : Vælg en IP-forbindelsestype.
 - Manuel : Angiv IP-adresse, Subnet Mask, Gateway, DNS1 og DNS2.
 - DHCP : Angiv DNS1 og DNS2.
 - PPPoE : Angiv DNS1, DNS2, Navn og Adgangskode.
 - Hvis du indstiller den til **<Manuel>**, kan du angive IP, Subnet Mask, Gateway samt DNS 1 & 2 manuelt.
 - MAC-adresse : Viser MAC-adressen.
 - IP-adresse : Viser den aktuelle IP-adresse.
 - Subnet Mask : Viser **<Subnet Mask>** for den indstillede IP.
 - Gateway : Viser **<Gateway>** for den indstillede IP.
 - DNS1/DNS2 : Viser DNS (Domain Name Service) serveradressen.
4. Indstil **<IPv6-opstil>**.
 - Indstil til **<I brug>** for at anvende IPv6-adresse.
 - Standard : Brug standard IPv6-adressen.
 - DHCP : Vis og brug IPv6-adressen hentet fra DHCP-serveren.
 - Manuel : Indtast IP-adresse og gateway manuelt, og anvend dette.
5. Klik på **[Anvend (🔍)]**, når du er færdig.



- **!** IP-adresssystemet indstilles som standard til DHCP. Hvis der ikke findes en DHCP-server, gendannes den tidligere indstilling automatisk.
- Når du er færdig med redigeringen, skal du klikke på **[Anvend (🔍)]** for at anvende ændringerne. Herefter afsluttes browseren. Opret forbindelse igen med de ændrede IP-oplysninger efter et stykke tid.

Port

1. Vælg fanen <Network ()> i opsætningsmenuen.
2. Klik på <Port>.
3. Indtast hvert element i Port-menuen efter behov.
 - Port-værdier mellem 0 og 1023 samt 3702 er ikke tilgængelige.
 - HTTP-port : HTTP-port, som bruges til at få adgang til kameraet via webbrowseren. Standardværdien er 80(TCP).
 - I henhold til sikkerhedspolitik, er det ikke tilladt at indstille HTTP- porten for Safari og -Google Chrome-browsere til 65535.
 - Enhedsport : Angiver en port, som bruges til at overføre videosignaler med Samsung-protokoller.
 - RTSP-port : Bruges til at overføre videoer i RTSP-tilstanden, standard er 554.
 - Webstreamingsport : Anvendes til at overføre videoer til Web Viewer, standard er 4520.
 - Silverlight policy-port : Silverlight bruges til at tillade at hente en netværksforbindelse. Standarden er 943.



- Hvis HTTP-porten blev ændret, afsluttes browseren. Bagefter skal adressen indeholde den netop tildelte HTTP-port efter IP. eks.) IP-adresse : 192.168.1.100, HTTP-port: Tildelt 8080 → http://192.168.1.100:8080 (Hvis HTTP-porten er indstillet til 80, er det ikke nødvendigt at angive portnummeret)
 - Port-værdierne for Webstreaming ligger mellem 4502 og 4534. Hvis enhedsporten ligger inden for dette område, skal Webstreamingporten specificeres med samme værdi som enhedsporten.
 - Du kan ikke ændre Webstreaming/Silverlight-policy-serverporten for et kamera.
4. Klik på [**Anvend** ()], når du er færdig.

opsætningsskærm

DDNS

DDNS er en forkortelse for Dynamic Domain Name Service, der konverterer til IP-adressen for et kamera til et generelt værtsnavn, så brugeren let kan huske det.

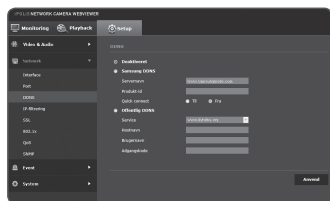
1. Vælg fanen **<Network (🌐)>** i opsætningsmenuen.
2. Klik på **<DDNS>**.
3. Vælg tilslutningstypen **<DDNS>**.
4. Angiv DDNS-elementerne i henhold til den valgte type.
 - Samsung DDNS : Vælg dette, hvis du bruger DDNS-serveren fra Samsung Techwin.

- Produkt-id : Angiv det produkt-ID, der er registreret hos Samsung DDNS-tjenesten.
- Quick connect : Indstiller automatisk port forwarding ved brug med en router, der understøtter UPnP (Universal Plug and Play).
- Offentlig DDNS : Vælg en af de angivne offentlige DDNS-servere, når du bruger en offentlig DDNS-server.
 - Service : Vælg den ønskede offentlige DDNS-server.
 - Hostnavn : Angiv navnet på den vært der er registreret med DDNS-serveren.
 - Brugernavn : Angiv brugernavnet for DDNS-tjenesten.
 - Adgangskode : Angiv adgangskoden for DDNS-tjenesten.

5. Klik på **[Anvend (🔍)]**, når du er færdig.



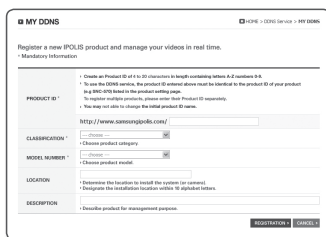
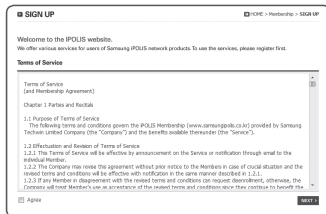
- Hvis **<Quick connect>** er valgt, skal Samsung DDNS-tjenesten vælges.



Registrering med DDNS

Sådan registrerer du dit produkt med Samsung DDNS

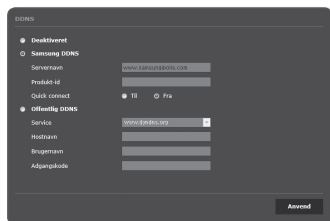
1. Besøg iPOLiS-webstedet (www.samsungipolis.com), og log på med en registreret konto.
2. Vælg **<DDNS SERVICE>**-**<MY DDNS>** fra den øverste menulinje.
3. Klik på **[PRODUCT REGISTRATION]**.
4. Indtast produkt-id'et.
 - Du skal udføre den dobbelte kontrol for det id, du har indtastet.
5. Vælg en **<CLASSIFICATION>**, og angiv **<MODEL NUMBER>**.
6. Angiv produktets placering med en beskrivelse, hvis nødvendigt.
7. Klik på **[REGISTRATION]**.
Produktet vil blive føjet til produktlisten, som du kan kontrollere.



opsætningsskærm

Sådan opretter du forbindelse til Samsung DDNS i kameraopsætning

1. Sæt <DDNS> til <Samsung DDNS> fra DDNS-opsætningssiden.
2. Angiv det <Produkt-id>, som du registrerede produkt-id'et med på DDNS-stedet.
3. Klik på [Anvend ()].
Når forbindelsen er oprettet, ser du meddelelsen <(Gennemført)> på skærmen.



Konfiguration af offentlig DDNS i kameraindstillinger

1. Åbn siden med DDNS-indstillinger, og vælg <Offentlig DDNS> for <DDNS>.
2. Indtast det tilhørende steds værtsnavn, brugernavn og adgangskode.
3. Klik på knappen [Anvend ()].
Hvis forbindelsen oprettes korrekt, vises <(Gennemført)>.
4. Klik på [Anvend ()], når du er færdig.

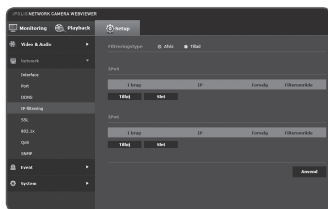


- For at bruge DDNS-tjenesten korrekt kræves opsætning af DDNS og routerens port forwarding. Se "Opsætning af videresendelse af portinterval (port-kortlægning)" (side 49)

IP-filtrering

Du kan oprette en liste over IP'er, som du vil give adgang til eller nægte adgang til.

1. Vælg fanen **<Network ()>** i opsætningsmenuen.
2. Klik på **<IP-filtrering>**.
3. Vælg **<Filtreringstype>**.
 - Afvis : Hvis du vælger dette, begrænses adgangen fra de IP'er, der føjes til filtreringen.
 - Tillad : Hvis du vælger dette, accepteres kun adgang fra de IP'er, der føjes til filtreringen.
4. Klik på knappen **[Tilføj ()]**.
IP-listen oprettes.
5. Angiv den IP, som du ønsker at give eller nægte adgang fra.
Når du angiver en IP-adresse og et præfiks, vises listen over tilgængelige IP-adresser til rådighed i kolonnen med filterinterval i højre side.



- Hvis **<Tillad>** er valgt for IP-filtrering, og **<IPv6-opsætning>** for **<Interface>** er indstillet til **<I brug>**, skal både IPv4- og IPv6-adresserne på den computer, der i øjeblikket konfigurerer, tildeles.
 - IP-adressen på den computer, der anvendes til den aktuelle opsætning, kan ikke føjes til **<Afvis>**, den skal føjes til **<Tillad>**.
 - Kun de IP-adresser, der er indstillet til **<I brug>**, vises i filterkolonnen.
6. Vælg en IP-adresse, der skal slettes fra listen.
Klik på knappen **[Slet ()]**.
 7. Klik på **[Anvend ()]**, når du er færdig.

opsætningsskærm

SSL

Du kan vælge et sikkert forbindelsessystem eller installere det offentlige certifikat til dette formål.

1. Vælg fanen **<Network ( >** i opsætningsmenuen.

2. Klik på **<SSL>**.

3. Vælg et sikkert forbindelsessystem.

- For at få adgang til kameraet med HTTPS-funktionen skal du indtaste kameraets IP-adresse i formatet "https://<Camera_IP>".

Hvis konfiguration af indstillinger for Web Viewer i HTTPS-tilstand mislykkes med

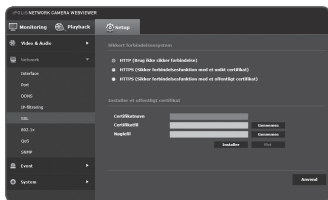
Internet Explorer, skal du redigere internetindstillingerne som følger: <Menu → Værktøjer → Internetindstillinger → Avanceret → Sikkerhed → Fjern markering for TLS 1.0, og marker TLS 1.1 og TLS 1.2>

4. Søg efter det offentlige certifikat, du vil installere på kameraet.

Hvis du vil installere certifikatet på kameraet, skal du kunne angive et certifikatnavn (det kan tildeles vilkårligt af brugeren), en certifikat-fil, der er udstedt fra certifikatmyndigheden samt en nøglefil.

- Elementet **<HTTPS (Sikker forbindelsesfunktion med et offentligt certifikat)>** vil kun være aktivt, hvis der er installeret et offentligt certifikat.

5. Klik på **[Anvend ()]**, når du er færdig.



Installation af certifikatet

1. Indtast certifikatnavnet.

2. Vælg den certifikatfil og certifikatnøgle, der skal installeres, og klik på knappen **[Installer ()]**.

Sletning af certifikatet

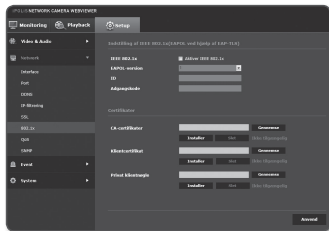
1. Klik på knappen **[Slet ()]**.

2. Hvis du vil slette et offentligt certifikat, skal du opnå adgang til netværksvideodekoderen i tilstanden **<HTTP (Brug ikke sikker forbindelse)>** eller **<HTTPS (Sikker forbindelsesfunktion med et unikt certifikat)>**.

802.1x

Ved tilslutning af netværket kan du vælge, om du vil bruge 802.1x-protokollen og derefter installere certificeringen.

1. Vælg fanen **<Network ()>** i opsætningsmenuen.
2. Klik på **<802.1x>**.
3. Indstil **<Indstilling af IEEE 802.1x (EAPOL ved hjælp EAP-TLS)>**.
 - IEEE 802.1x : Angiv anvendelse af 802.1x -protokollen.
 - EAPOL-version : Vælg version 1 eller 2.
 - ID : Angive den private ID for klienten.
 - Adgangskode : Angive den private adgangskode for klienten. Hvis den anvendte nøglefil ikke er krypteret, behøver du ikke at angive den.



- ! ■ Hvis den tilsluttede netværksenhed ikke understøtter 802.1x-protokollen, fungerer protokollen ikke korrekt, heller ikke selvom du indstiller den.

4. Installer/fjern certifikatet.
 - CA-certifikat : Vælg et offentligt certifikat, som indeholder den offentlige nøgle.
 - Klientcertifikat : Vælg et offentligt certifikat, som indeholder klientcertifikat-nøglen.
 - Privat klientnøgle : Vælg et offentligt certifikat, som indeholder den private klientnøgle.
5. Klik på **[Anvend ()]**, når du er færdig.

Til installation/fjernelse af 802.1x relaterede certifikater.

1. Klik på **[Gennemse ()]** knappen for hvert element og vælg et certifikat til installering.
2. Hvis der ikke er installeret et certifikat vil du se "Ikke disponibel" vist ved siden af det valgte element.
3. Klik på **[Installer ()]** knappen for at starte installationen med en besked om "installeret" ved siden af elementet.
4. Klik på **[Slet ()]** knappen for at fjerne certifikatet.

opsætningsskærm

QoS

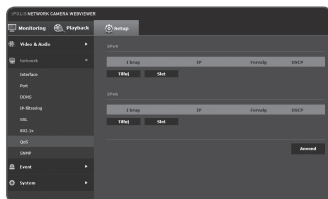
Du kan angive prioritet for at sikre en stabil overførselshastighed for en specific IP.

1. Vælg fanen **<Network ( >** i opsætningsmenuen.
2. Klik på **<QoS>**.
3. Klik på knappen **[Tilføj ()]**.
IP-listen oprettes.
4. Angiv en IP-adresse, som QoS som skal anvendes på.



- Standardpræfikset for IPv4 er 32.
For DSCP er standarden indstillet til 63.
- Kun de IP-adresser, der er indstillet til **<I burg>**, kan prioriteres.

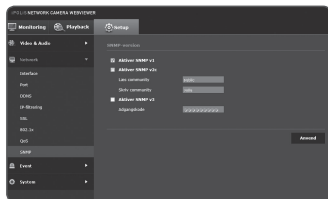
5. Vælg en IP-adresse, der skal slettes fra listen.
Klik på knappen **[Slet ()]**.
6. Klik på **[Anvend ()]**, når du er færdig.



SNMP

Med SNMP-protokollerne kan system- eller netværksadministratoren overvåge netværksenheder på et fjernt sted og konfigurere miljøindstillinger.

1. Vælg fanen **<Network ( >** i opsætningsmenuen.
2. Klik på **<SNMP>**.
3. Angiv **<SNMP>**.
 - Aktiver SNMP v1 : SNMP-version 1 vil være aktiv.
 - Aktiver SNMP v2c : SNMP-version 2 vil være aktiv.
 - Læs community : Skriv navnet på det læsefællesskab, hvor du har adgang til SNMP-informationerne. Standardnavnet er **<public>**.
 - Skriv community : Skriv navnet på det skrivefællesskab, hvor du har adgang til SNMP-informationerne. Standardnavnet er **<write>**.



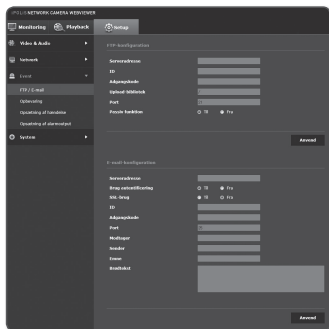
- Aktiver SNMP v3 : SNMP-version 3 vil være aktiv.
 - Adgangskode : Angiv standardadgangskoden til SNMP version 3. Standardadgangskoden er <admin4321>.
 - Standardadgangskoden kan blive eksponeret for hackertrusler, så det anbefales at skifte adgangskode efter installation af produktet. Bemærk, at sikkerhed og andre relaterede problemstillinger forårsaget af uændret adgangskode er brugerens ansvar.
 - Adgangskoder skal være længere end 8 tegn og højst 16 tegn.
4. Klik på **[Anvend ()]**, når du er færdig.
-  ■ SNMP v3 kan kun indstilles, når den sikre forbindelsestilstand er indstillet til HTTPS. Se "SSL". (side 80)

OPSÆTNING AF BEGIVENHED

FTP / E-mail

Du kan konfigurere FTP/E-mail-serverens indstillinger, så du kan overføre billederne i kameraet til din pc, hvis en bestemt begivenhed indtræffer.

1. Vælg fanen <Event ()> i opsætningsmenuen.
2. Klik på <FTP / E-mail>.
3. Vælg <FTP-konfiguration> eller <E-mail-konfiguration>, og indtast / vælg den ønskede værdi.
 - FTP-konfiguration
 - Serveradresse : Indtast IP-adressen på den FTP-server, som du overfører alarm- eller hændelsesbillederne til.
 - ID : Indtast den bruger-id, som du vil logge ind på FTP-serveren med.
 - Adgangskode : Indtast adgangskoden til brugerkontoen for at logge på FTP-serveren.
 - Upload-bibliotek : Angiv den FTP-sti, hvortil du vil overføre alarm- eller hændelsesbillederne.



opsætningsskærm

- Port : Standardporten på FTP-serveren er 21, men du kan bruge et andet portnummer i henhold til FTP-serverindstillingerne.
 - Passiv funktion : Vælg <Til>, hvis du har brug for at oprette forbindelse i passiv funktion på grund af firewall eller indstillinger af FTP-server.
 - E-mail-konfiguration
 - Serveradresse : Indtast IP-adressen på den e-mail-server, som du overfører alarm- eller hændelsesbillederne til.
 - Brug godkendelse : Vælg om der skal anvendes godkendelse.
 - SSL-brug : Specificer brugen af SSL.
 - ID : Indtast bruger-id til at logge ind på e-mail-serveren.
 - Adgangskode : Indtast adgangskoden til brugerkontoen for at logge på e-mail-serveren.
 - Port : Standardporten på e-mail-serveren er 25, men du kan bruge et andet portnummer i henhold til FTP-serverindstillingerne.
 - Modtager : Indtast adressen på e-mail-modtageren.
 - Sender : Indtast adressen på e-mail-afsenderen. Hvis afsenderadressen er forkert, kan e-mailen fra afsenderen blive klassificeret som SPAM af e-mail-serveren, så den muligvis ikke bliver sendt.
 - Emne : Indtast et emne for din e-mail.
 - Brødtekst : Angiv meddelelsens tekst. Vedhæft alarm- eller hændelsesbillederne til den e-mail, du er ved at lave.
4. Klik på **[Anvend ()]**, når du er færdig.

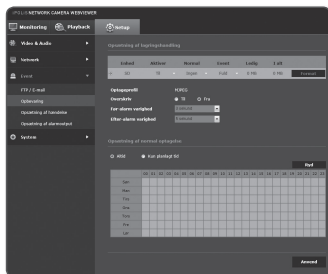
Opbevaring

Du kan indstille optagelsesbetingelserne eller brugen af optagelse for SD-hukommelsen, kontrollere størrelsen på lagrede data eller formatere selve SD-hukommelsen.

1. Vælg fanen **<Event ([])>** i opsætningsmenuen.
2. Klik på **<Opbevaring>**.

Sådan laver du en optagelse til SD-hukommelsen

1. Kontroller hukommelseskortets **<Ledig>** størrelse og **<I alt>** størrelse.
2. Hvis der er tilstrækkelig ledig plads, skal du indstille enheden til **<Til>**.
Hvis det ikke er tilfældet, skal du kontrollere de lagrede data, og hvis ikke du mener, at de er vigtige, skal du derefter klikke på **<Format>** for at formatere SD-hukommelsen.
 - Hvis SD-hukommelseskortet skriver langsomt, vil der kun blive gemt ét billede i sekundet.
 - For et SD-hukommelseskort med stor kapacitet, vil formateringen tage tilsvarende længere tid.
 - Indstilling af højere opløsning, bithastighed og billedhastighed øger mængden af de genererede data. Efterhånden som datamængderne vokser, kan overført video kun lagres med 1 billede pr. sekund, selvom du indstiller optagekvaliteten til fulde billeder.
3. Angiv lagringshandlingen.
 - Optageprofil : Viser optageprofilens codec-type.
 - Overskriv : Hvis SD-hukommelsen er fuld, vil dette slette gamle data og gemme nye data i stedet for.
 - Før-alarm varighed : Angiv tidsrummet før alarmen forekommer. Fra dette tidspunkt vil billederne blive overført. Du kan angive op til 5 sekunder før forekomsten af alarmen.
 - Efter-alarm varighed : Angiv tidsrummet efter alarmen forekommer. På dette tidspunkt vil billederne blive overført. Du kan angive op til 120 sekunder efter alarmens forekomst.
 - Normal : Udfør optagelse med en bestemt billedhastighed
 - Event : Indstil optagelsestypen for en bestemt begivenhed, der opstår.
4. Angiv **<Opsætning af normal optagelse>**.
 - Altid : Gem altid optaget video på SD-hukommelseskortet.
 - Hvis indstillet til altid, kan aktiveringstiden ikke ændres.
 - Kun planlagt tid : Optager kun på det angivne tidspunkt på den angivne dag i ugen.
 - [Ryd ([Ryd])] : Genindstil alle indstillinger.
5. Klik på [Anvend ([Anvend])], når du er færdig.

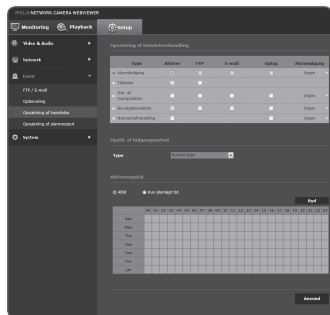


opsætningsskærm

Alarmindgang

Du kan indstille alarmindgangstypen, aktiveringstiden og en funktionstilstand.

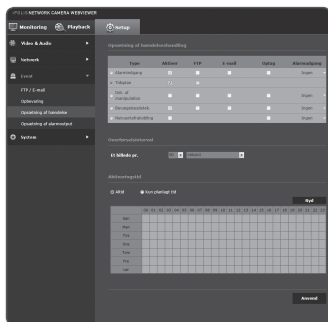
1. Vælg fanen **<Event (🔔)>** i opsætningsmenuen.
2. Klik på **<Opsætning af hænelse>**.
3. Vælg **<Alarmindgang>** under **<Opsætning af hændelsehandling>**.
4. Indstil valg af **<Aktiver>**.
5. Angiv en indgangsenhed.
 - Type
 - Normalt åben : Den er normalt åben, men hvis den er lukket, udløses en alarm.
 - Normalt lukket : Den er normalt lukket, men hvis den er åben, udløses en alarm.
6. Angiv **<Aktiveringstid>**.
 - Altid : Kontrollerer altid, om der forekommer en alarm.
 - Hvis denne er indstillet til **<Altid>**, kan aktiveringstiden ikke ændres.
 - Kun planlagt tid : Kontrollerer om en alarm forekommer på en angivet ugedag i et angivet tidsrum. Den aktiveres i betjent tilstand, når der forekommer en alarm.
 - [Ryd (🗑️)] : Genindstil alle indstillinger.
7. Angiven funktion, der skal udføres, hvis en alarm forekommer.
 - FTP : Angiv brugen af FTP-overførsel i opsætningen af alarmindgangen.
 - E-mail : Angiv brugen af e-mail-overførsel i opsætningen af alarmindgangen.
 - Optag : Angiv brugen af optagelse i opsætningen af alarmindgangen.
 - Alarmudgang : Vælg, om du vil indstille alarmudgangen, hvis der kommer en alarm, og angiv alarmudgangstiden.
8. Klik på **[Anvend (📌)]**, når du er færdig.



Tidsplan

Du kan indstille lagring af videodata med et vist interval som planlagt uanset den faktiske forekomst af hændelsen.

1. Vælg fanen **<Event (🔔)>** i opsætningsmenuen.
2. Klik på **<Opsætning af hændelse>**.
3. Vælg **<Tidsplan>** under **<Opsætning af hændelse>**.
4. Indstil valg af **<Aktiver>**.
5. Angiv **<Overførselsinterval>**.
6. Angiv **<Aktiveringstid>**.
 - Altid : Aktiveres altid i betjent tilstand ved det indstillede interval.
 - Kun planlagt tid : Aktiveres periodisk i betjent tilstand på angivet dato og klokkeslæt.
7. Angiv optagelsesbetingelserne.
 - FTP : Angiv brugen af FTP-overførsel, hvis der indtræffer en begivenhed.
8. Klik på **[Anvend (Anvend)]**, når du er færdig.

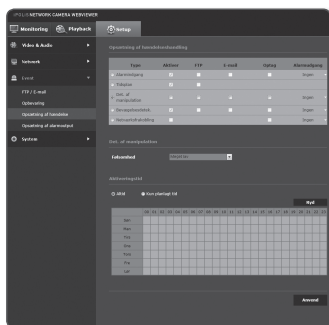


opsætningsskærm

Det. af manipulation

Du kan indstille denne til detektering af manipulationsforsøg og udløsende hændelser, såsom pludselig ændring af kameraets optageretning, blokeret objektiv og andre generelle ændringer af scenerne i video.

1. Vælg fanen **<Event (🛡️)>** i opsætningsmenuen.
2. Klik på **<Opsætning af hændelse>**.
3. Vælg **<Det. af manipulation>** under **<Opsætning af hændelseshandling>**.
4. Indstil valg af **<Aktiver>**.
5. Indstilling af følsomhed for detektering af manipulation.
Jo højere følsomhed, desto mindre manipulationsforsøg registreres.
6. Angiv aktiveringstiden og aktiveringsbetingelserne.
 - Du kan finde flere oplysninger om **<Aktiveringstid>** og **<Aktion>** under **"Alarmindgang"**. (side 86)
7. Klik på **[Anvend (🛡️)]**, når du er færdig.

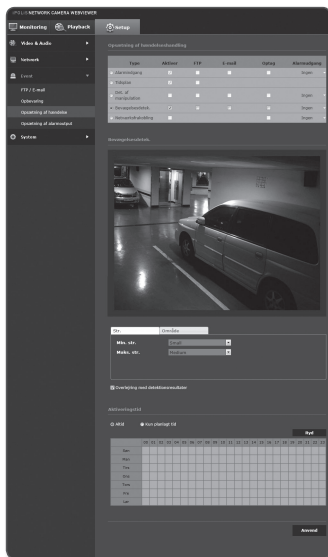


- Standardfunktionen til detektering af manipulation fungerer måske ikke korrekt i følgende tilfælde:
 - Forhold med enkel baggrund eller lav belysning og nattetid kan sænke detekteringsfølsomheden.
 - En kraftig rystelse af kameraet eller en drastisk ændring i belysningen kan ved en fejltagelse blive opfattet som manipulation.
 - Detektering af manipulation kan tage et stykke tid (maks. 5 sekunder) efter tidspunktet for manipulationen.
 - Når manipulation er blevet detekteret, genoptager kameraet normal drift efter en vis stabilitetsperiode (ca. 5 sekunder), hvori der ikke foretages nogen detektering.

Bevægelsesdetek.

Hændelser med bevægelsesdetektering kan indstilles til at udløse udsendelse af et hændelsessignal.

1. Vælg fanen **<Event ()>** i opsætningsmenuen.
2. Klik på **<Opsætning af hænelse>**.
3. Vælg **<Bevægelsesdetek.>** under **<Opsætning af hændelseshandling>**.
4. Indstil valg af **<Aktiver>**.
5. Indstil **<Størrelse>** og **<Region>**.
6. Indstil, om der skal bruges **<Overlejring med detektionsresultater>**.
Når en bevægelse detekteres, markeres dens størrelse og placering med et rektangel på skærmen.
7. Angiv aktiveringstiden og aktiveringsbetingelserne.
 - Du kan finde flere oplysninger om **<Aktiveringstid>** og **<Aktion>** under **"Alarmindgang"**. (side 86)
8. Klik på **[Anvend ()]**, når du er færdig.



opsætningsskærm



- For brug skal du indstille minimal og maksimal bevægelsesstørrelse, der passer til det bevægelsesområde, der ønskes detekteret.
- Den registrerede størrelse på et objekt kan afvige fra den faktiske størrelse i henhold til dets form.
- Der kan vises op til 16 objekter fra den øverste del af skærmen.
- I de følgende tilfælde kan bevægelsesdetektering være forringet eller forårsage forkert detektering.
 - Objektets farve eller lysstyrke minder om baggrunden.
 - Små aktiviteter omkring grænseområdet for kameraets synsfelt.
 - Flere bevægelser bliver ved med at finde sted tilfældigt på grund af ændring i motivet eller andre årsager.
 - Et stillestående objekt bevæger sig fortsat i samme retning.
 - Bevægelser med mindre positionsændring, f.eks. når objekter nærmer sig kameraet eller fjerner sig fra det.
 - Objekt i bevægelse kommer for tæt på kameraet
 - En genstand skjuler andre genstande bagved.
 - To eller flere genstande overlapper hinanden, eller en genstand opdeles i flere dele.
 - Genstanden er for hurtig (for korrekt detektering skal en genstand overlappe mellem tilstødende rammer).
 - Refleksion/slør/skygge pga. stærkt lys som f.eks. direkte sollys, belysning eller hovedlampe.
 - I stærk sne, regn, vind eller ved daggy/skumring.

Sådan bruges bevægelsesdetektering

Den detekterer en bevægelse, der opfylder alle betingelserne, der er angivet for størrelse og område.

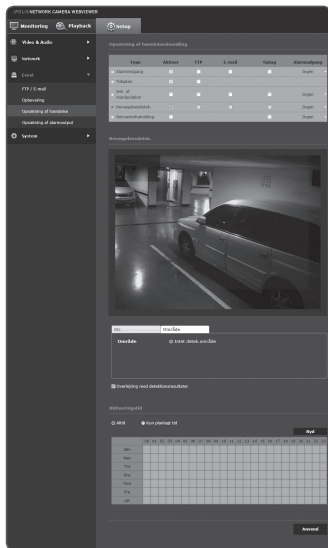
1. Vælg fanen <Str.>.

Du kan sætte minimum og maksimum for størrelsen af den bevægelse, der skal detekteres.

- Min. str. : Vælg den ønskede minimum-størrelse på skærmen, for at indstille minimum-størrelsen på detekterede bevægelser.
- Maks. str. : Vælg den ønskede maksimum-størrelse på skærmen, for at indstille maksimum-størrelsen på detekterede bevægelser.



- Bevægelser mindre end den angivne minimum-størrelse eller større end maksimum-størrelsen detekteres ikke. For at undgå uønsket detektering på grund af kraftig og svag støj skal du indstille minimum og maksimum for bevægelsesstørrelserne i overensstemmelse med omgivelserne. Bemærk, at nogle bevægelser på samme placering kan detekteres med forskellig detektionsstørrelse. Det anbefales at overveje og medtage den acceptable forskel ved indstilling af minimum og maksimum for detektionsstørrelserne.



2. Vælg fanen <Område>.

Du kan angive et område på skærmen, som skal medtages i eller udelukkes fra detektering.

Du kan angive op til 4 regioner.

- Intet detek. område : Indstiller hele skærmen som region for bevægelsesdetektering og udelukker den angivne region fra detektering. Træk med musen for at angive de foretrukne regioner som region uden bevægelsesdetektering.

3. Hvis du vil slette en region, skal du højreklikke på skærmen for at åbne popup-menuen, vælge Slet og trykke på knappen [OK].



- Alle definerede regioner slettes.

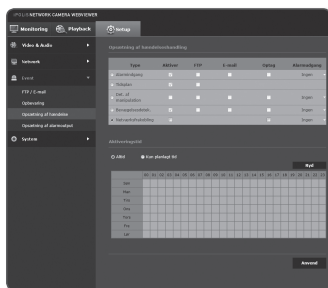
4. Klik på [Anvend ()], når du er færdig.

opsætningsskærm

Netværksfrakobling

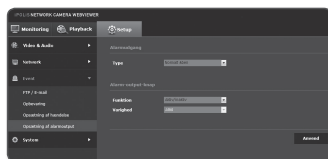
Du kan modtage og gemme hændelser for et fysisk adskilt netværk.

1. Vælg fanen **<Event (👤)>** i opsætningsmenuen.
2. Klik på **<Opsætning af hændelse>**.
3. Vælg **<Netværksfrakobling>** under **<Opsætning af hændelseshandling>**.
4. Indstil valg af **<Aktiver>**.
5. Angiv aktiveringstiden og aktiveringsbetingelserne.
 - Du kan finde flere oplysninger om **<Aktiveringstid>** og **<Aktion>** under **"Alarmindgang"**. (side 86)
6. Klik på **[Anvend (🔧)]**, når du er færdig.



Opsætning af alarmudgang

1. Vælg fanen **<Event (👤)>** i opsætningsmenuen.
2. Klik på **<Opsætning af alarmoutput>**.
3. Indstil typen for kameraets alarmudgang.
 - Hvis du ændrer typen for alarmudgang, vil Alarm ud-knappen på overvågningssiden og typen af alarmudgang, som vises på siden til opsætning af hændelse, blive ændret i overensstemmelse hermed.
- Type
 - Normalt åben : Betragter status med "åbent kredsløb" for sensoren eller alarmindgangsenheden som normal og udløser en alarmhændelse, hvis status bliver "lukket kredsløb".
 - Normalt lukket : Betragter status med "lukket kredsløb" for sensoren eller alarmindgangsenheden som normal og udløser en alarmhændelse, hvis status bliver "åbent kredsløb".

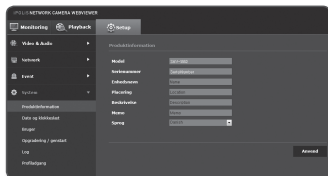


4. Indstil knappen for alarmudgang.
 - Funktion : Indstil typen af alarmudgang.
 - Der er forskel på driften, når der klikkes på alarmudgangsknappen, mens den er deaktiveret.
 - Puls : Aktiveres i tidsrummet, som er angivet som varighed (skifteinterval) og bliver derefter automatisk inaktiv.
 - Aktiv/inaktiv : Forbliver aktiveret, indtil brugeren klikker på knappen igen for at gøre den inaktiv.
 - Varighed : Indstil alarmvarigheden, hvor den opretholdes aktiveret, hvis tilstanden er indstillet til impuls, fra 1 til 15 sekunder.
5. Klik på **[Anvend ()]**, når du er færdig.

SYSTEMOPSÆTNING

Produktioninformation

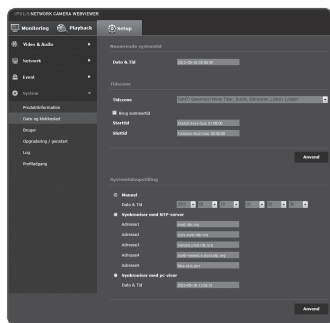
1. Vælg fanen **<System ()>** i opsætningsmenuen.
 2. Klik på **<Produktioninformation>**.
 3. Kontrollér kamerainformationen, eller angiv oplysninger i henhold til dit netværksmiljø.
 - Model : Produktets modelnavn.
 - Serienummer : Produktets serienummer.
 - Enhedsnavn : Giv et enhedsnavn, der vises på Live-skærmen.
 - Placering : Angiv den placering, hvor kameraet er installeret.
 - Beskrivelse : Angiv detaljerede oplysninger om kameraets placering.
 - Memo : Angiv en forklaring om kameraet med henblik på bedre forståelse.
 - Sprog : Vælg det foretrukne sprog for visning på skærmen for Web Viewer.
-  ■ Standardsproget er indstillet til **<English>**.
4. Klik på **[Anvend ()]**, når du er færdig.



opsætningsskærm

Dato og klokkeslæt

1. Vælg fanen <System ()> i opsætningsmenuen.
 2. Klik på <Dato og klokkeslæt>.
 3. Angiv klokkeslæt og dato, der skal anvendes på kameraet.
 - Nuværende systemtid : Viser systemets aktuelle tidsindstillinger.
 - Tidszone : Angiv den lokale tidszone baseret på GMT.
 - Brug sommertid : Hvis dette er afkrydset, så vil klokkeslættet være indstillet en time før den lokale tidszone for den angivne tidsperiode. Denne indstilling vises kun i områder, hvor der anvendes sommertid.
 - Systemtidsopstilling : Angiv klokkeslæt og dato, der skal anvendes på systemet.
 - Manuel : Angiv klokkeslættet manuelt.
 - Synkroniser med NTP-server : Synkroniser med klokkeslættet for den angivne serveradresse.
 - Synkroniser med pc-viser : Indstil til tiden for den tilsluttede computer.
 4. Klik på [Anvend ()], når du er færdig.
-  ■ Hvis du vælger <Synkroniser med pc-viser>, skal standardtidszonen være den samme som den aktuelle tidszone i pc'en.



Bruger

1. Vælg fanen <System ()> i opsætningsmenuen.
2. Klik på <Bruger>.
3. Angiv de nødvendige brugeroplysninger.

- Ændring af administrator-adgangskode : Skift adgangskoden for administratoren.

- Standardadgangskoden kan blive eksponeret for hackertrusler, så det anbefales at skifte adgangskode efter installation af produktet.

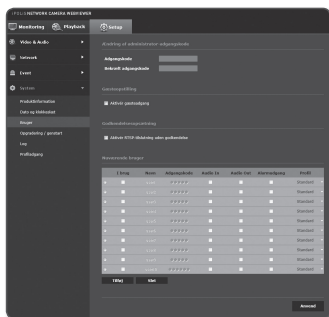
Bemærk, at sikkerhed og andre relaterede problemstillinger forårsaget af uændret adgangskode er brugerens ansvar.

- Gæsteopstilling : Hvis du vælger <Aktivér gæsteadgang>, har gæstekontoen adgang til Web Viewer-skærmen, men kan kun vise Live viewer-skærmen.
 - ID'et/adgangskoden for gæstekontoen er <guest/guest>, og dette kan ikke ændres.
- Godkendelsesopsætning : Hvis du vælger <Aktivér RTSP-tilslutning uden godkendelse>, har du adgang til RTSP uden at logge på og se videoen.
- Nuværende brugere : Hvis du vælger <I brug>, kan du indstille eller ændre brugertilladelserne.
 - Administratoren kan indstille tilladelser for lydindgang, lydudgang og alarmudgang.
 - Profil : Hvis du vælger <Standard>, kan du kun se standardprofilvideo, hvis du vælger <Alle>, kan du se de fulde profilvideoer.



- ONVIF-funktioner, som er tilgængelige for en registreret bruger, som har tilladelse til at bruge ONVIF-funktioner, er begrænset til de brugere, som har modtaget tilladelse.
- Information om videooverførsel og videoskift: Indstil profilen til <Alle>, og indstil lydindgang og lydudgang.
- Videooverførsel, ændring af videoinformation, alarmudgang: Indstil profilen til <Alle>, og indstil resten efter behov.

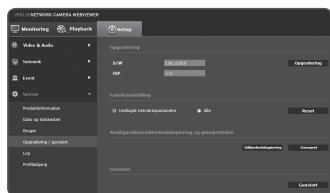
4. Klik på [Anvend ()], når du er færdig.



opsætningsskærm

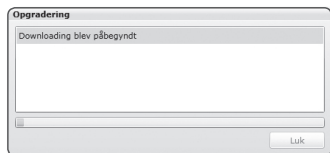
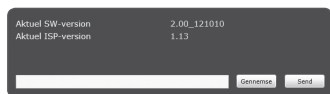
Opgradering / genstart

1. Vælg fanen <System ()> i opsætningsmenuen.
2. Klik på <Opgradering / genstart>.
3. Vælg det ønskede element, og indstil det til en passende værdi.
 - Opgradering : Udfører opgradering af systemet.
 - Fabriksindstilling : Nulstiller systemet til fabriksindstillingerne.
 - Undtaget netværksparametre : Nulstiller alle indstillinger, undtagen netværksindstillingerne.
 - Alle : Nulstiller alle indstillinger, inklusive kameraets indstillinger. (dog vil logininformationen ikke blive nulstillet)
 - IP-adressesystemet går tilbage til DHCP, hvis du nulstiller kameraet. Hvis der ikke findes en DHCP-server, gendannes den tidligere indstilling automatisk.
 - Konfigurationssikkerhedskopiering og genoprettelse : Foretager sikkerhedskopiering af de aktuelle systemindstillinger, før gendannelse udføres. Systemet genstarter automatisk efter sikkerhedskopiering eller genoprettelse.
 - Genstart : Genstarter systemet.



Sådan udføres opgraderingen

1. Klik på [**Opgradering**].
2. Klik på [**Gennemse**], og angiv en fil til opgradering.
3. Klik på [**Send**].
4. Dialogboksen "Opgradering" vises, med status vist for neden.
5. Når du er færdig med opgraderingen, afsluttes browseren, og kameraet genstarter.

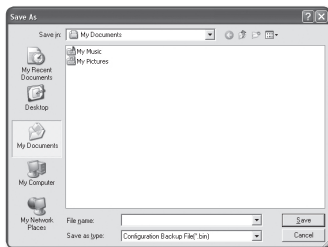




- Opgraderingsprocessen tager højst 20 minutter.
Hvis du afslutter opgraderingen med magt, vil opgraderingen ikke blive fuldført korrekt.
- Under genstart af systemet er der ikke adgang med web viewer.
- Du kan hente den nyeste version fra Samsungs websted (www.samsungcctv.com).

Sikkerhedskopiering af de aktuelle indstillinger

1. Klik på [**Sikkerhedskopiering**].
Dialogboksen Save As vises.
2. Angiv sikkerhedskopieringssti med et korrekt filnavn, og klik på [**Save**].
Den sikkerhedskopierede fil gemmes i den angivne sti med filtypen ".bin".

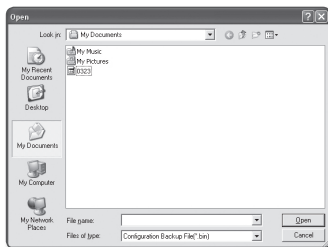


Gendannelse af de sikkerhedskopierede indstillinger

1. For at gendanne sikkerhedskopieringsindstillingerne skal du klikke på [**Genopret**].
2. Vælg en sikkerhedskopieringsfil, og klik på [**Open**].



- Hvis du kører sikkerhedskopiering eller gendannelse, lukker webbrowseren, og kameraet genstarter.



opsætningsskærm

Log

Du kan kontrollere systemloggen eller begivenhedsloggen.

1. Vælg fanen <System ()> i opsætningsmenuen.

2. Klik på <Log>.

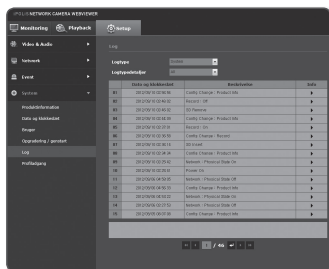
3. Vælg en søgningstype.

- System : Du kan kontrollere systemets logfiler, når der registreres systemændringer, inklusive tidsoplysninger.
- Event : Du kan kontrollere begivenhedslogs inklusive tidsoplysninger.

4. Vælg et element at søge efter i den rigtige logliste.

- Hvis du vælger <All> i rullelisten øverst til venstre, vil alle logfiler for den relevante logtype blive vist.

5. Hvis en side ikke kan vise alle tilgængelige logfiler, skal du bruge de nederste knapper til at flytte til forrige, næste eller sidste element.



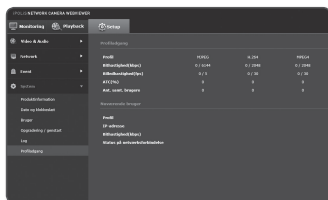
- Hvis du ønsker at få vist de detaljerede oplysninger om en log, skal du klikke på [Info ()] i loggens højre kolonne, vil loginformationen blive vist i den nederste rude.
- Hver side viser 15 logfiler med den nyeste vist øverst.
- Listen over begivenheds-/systemlogfiler kan indeholde op til 1000 logfiler. Herefter vil den ældste blive slettet, hver gang der oprettes en ny log.

Profiladgang

Du kan kontrollere profilinformationen.

1. Vælg fanen <System ()> i opsætningsmenuen.
2. Klik på <Profiladgang>.

- Profiladgang : Vis oplysninger om den nyligt tilføjede profil.
 - Profil : Vis oplysninger om den nyligt tilføjede codec.
 - Bithastighed(kbps) : Vis både den faktiske bithastighed og den indstillede bithastighed.
 - Billedhastighed(fps) : Vis både den faktiske billedhastighed og den indstillede billedhastighed.
 - ATC(%) : Vis ATC-status.
 - Ant. samt. brugere : Vis antallet af samtidige brugere, der tilgår profilen.
- Nuværende bruger : Viser oplysninger om brugere, der tilgår web viewer og viser overvågningsvideo.
 - Profil : Vis navnet på den profil, tilgås af brugeren.
 - IP-adresse : Vis IP-adressen for den aktuelle bruger.
 - Bithastighed(kbps) : Vis den aktuelle bithastighed.
 - Status på netværksforbindelse : Du kan kontrollere status for netværksforbindelsen.



- Hvis du vil se oplysninger om den aktuelt anvendte profil, skal du klikke på <Profiladgang> igen for at opdatere den.

SPECIFIKATION

Elementer		Beskrivelse		
		SND-3082	SND-3082F	SNV-3082
Video	Billedenhed	1/3" Super-HAD PS CCD		
	Pixels i alt	NTSC : 811(H) x 508(V), PAL : 795(H) x 596(V)		
	Effektive pixels	NTSC : 768(H) x 494(V), PAL : 752(H) x 582(V)		
	Scanningssystem	Progressiv (Når WDR er aktiv, interlaced scanning)		
	Frekvens	NTSC : H : 15,734KHz / V : 59,94Hz, PAL : H : 15,625KHz / V : 50Hz		
	Horisontal Opløsning	Farve : 600 tv-linjer		
	Mindste belysning	0,00008 lux (Sens-up 512X)		
	Signal/støjforhold	52dB		
	Videoudgang	CVBS : 1,0 Vp-p / 75Ω komposit		
Objektiv	Brændvidde (zoomforhold)	2,8~11mm (3,9X) Variabel brændvidde		
	Maks. blænde	F1,2		
	Synsviddevinkel	H: 94,6°(Vidvinkel)~28,8°(Tele), V: 68,4°(Vidvinkel)~21,6°(Tele)		
	Mindste afstand til objekt	-		
	Fokuskontrol	-		
	Objektivtype	DC-autoblænde		
	Fatning	Board-in-type		
Pan / Hæld / Roter	Panoreringsområde	0°~355°		
	Panoreringshastighed	-		
	Hældningsområde	0°~90°		
	Hældningshastighed	-		
	Rotationsområde	0°~355°		
	Forudindstilling	-		
	Nøjagtighed ved forudindstilling	-		
	Automatisk sporing	-		

Elementer	Beskrivelse		
	SND-3082	SND-3082F	SNV-3082
Automatisk sporing	Kameratitel	Fra / Til (op til 15 tegn vises)	
	Dag og nat	Farve / S-H / Auto (softwaremetode) / Ekstern S-H	Farve / S-H / Auto (IR-filter) / Ekstern S-H
	Modlyskompensation	Fra / BLC / WDR	
	Bredt dynamisk område	NTSC : 128X, PAL : 160X	
	Kontrastforbedring	SSDR (Samsung Super Dynamic Range) (Fra / Til)	
	Digital støjrreduktion	Motion Adaptive 2D+3D-støjfilter (Fra / Lav / Medium / Høj / Bruger)	
	Digital billedstabilisering	Fra / Til	
	Bevægelsesdetektering	Fra / Til (4 programmerbare maskezoner)	
	Personlig maske	Fra / Til (12 programmerbare polygonzoner, 4 punkts polygonmetode)	
	Sens-up (billedintegration)	Fra / Auto (2X ~ 512X)	
	Niveauregulering	AGC (Meget Høj)	
	Hvidbalance	ATW1 / ATW2 / AWC / 3200 K / 5600 K	
	Elektronisk lukkerhastighed	NTSC : ESC/Auto (1/60 ~ 1/10.000 sek.), PAL : ESC/Auto (1/120 ~ 1/10.000 sek.)	
	Vend / spejlvend	Fra / Til	
	Intelligent videoanalyse	Detektering af manipulation, bevægelsesdetektion	
	Alarm-indgang/udgang	Digital indgang 1 stk. / Digital indgang 1 stk. (relæ)	
	Fjernstyringsgrænseflade	-	
	RS-485-protokol	-	
	Alarmudløser	Bevægelsesdetek., Alarmindgang, Netværksfrakobling	
	Alarmhændelser	- Filupload via FTP, E-mail - Besked via E-mail, TCP - Lokal lagringsoptagelse (SD/SDHC) på netværk frakoble	

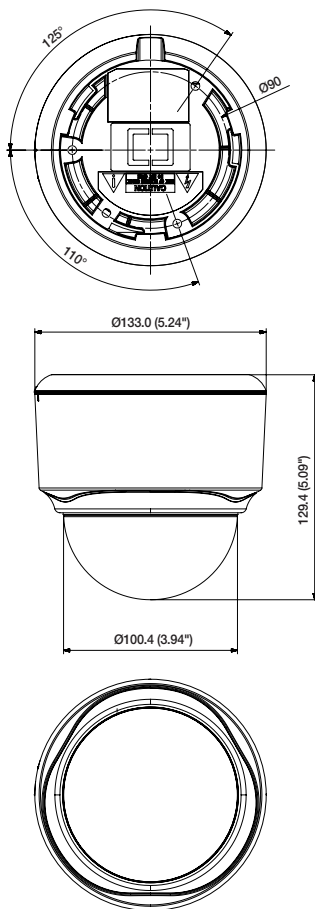
Elementer		Beskrivelse		
		SND-3082	SND-3082F	SNV-3082
Netværk	Ethernet	RJ-45 (10/100BASE-T)		
	Videokomprimeringsformat	H.264, MPEG-4, MJPEG		
	Opøsning	NTSC : 704x480, 640x480, 352x240, 320x240 PAL : 704x576, 640x480, 352x288, 320x240		
	Maks. billedhastighed	NTSC : 30fps, PAL : 25fps		
	Justering af videokvalitet	H.264 / MPEG-4 : Komprimeringsniveau, kontrol med målbit-hastighed MJPEG : Kontrol med kvalitetsniveau		
	Kontrolmetode til bit-hastighed	H.264/MPEG-4 : CBR eller VBR MJPEG : VBR		
	Stream-mulighed	Flere streams (op til 10 profiler)		
	Lydingang/udgang	Mikrofon / Linje ind, Linje ud		
	Lydkomprimeringsformat	G.711 μ -law		
	Lydkommunikation	Dobbeltrøret lyd		
	IP	IPv4, IPv6		
	Protokol	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS		
	Sikkerhed	HTTPS (SSL) login-godkendelse Digest login-godkendelse IP-adressefiltrering Brugeradgangslog 802.1X godkendelsesmetode		
	Stream-metode	Unicast / Multicast		
	Maks. brugeradgang	10 brugere i Unicast-tilstand		

Elementer		Beskrivelse		
		SND-3082	SND-3082F	SNV-3082
Netværk	Hukommelsesslot	SD/SDHC-hukommelsesslot		
	ONVIF-kompatibel	Ja		
	Sprog	Engelsk, Fransk, Tysk, Spansk, Italiensk, Kinesisk, Koreansk, Russisk, Japansk, Svensk, Dansk, Portugisisk, Tjekkisk, Polsk, Tyrkisk, Rumænsk, Serbisk, Hollandsk, Kroatisk, Ungarsk, Græsk, Finsk, Norsk		
	Web Viewer	Understøttede operativsystemer : Windows XP / Vista / 7, Mac OS Understøttede browsere : Internet Explorer 7.0 eller nyere, Firefox 3.0 eller nyere, Chrome 8.0 eller nyere, Safari 4.0 eller nyere		
	Central administrationssoftware	NET-i viewer		
Miljø	Driftstemperatur / luftfugtighed	-10°C ~ +55°C (+14°F ~ +131°F) / 20% ~ 80% relativ luftfugtighed AC24V : -40°C ~ +55°C (-40°F ~ +131°F) / ~ 90% relativ luftfugtighed DC12V, PoE : -10°C ~ +55°C (+14°F ~ +131°F) / ~ 90% relativ luftfugtighed		
	Opbevaringstemperatur / luftfugtighed	-30°C ~ +60°C (-22°F ~ +140°F) / ~ 90% relativ luftfugtighed		
	Indtrængningsbeskyttelse	- IP66-klassificering (vandtæt)		
Elektrisk	Indgangsspænding/strøm	12 V jævnstrøm, 24 V vekselstrøm PoE (IEEE802.3af)		
	Strømforbrug	Maks. 6W Maks. 11 W (varmer til) * Varmer fungerer kun ved vekselstrømsstilslutning		
Mekanisk	Farve / Materiale	Hus : Effenben / Plastic Hus : Effenben / aluminium		
	Dimension (Ø x H)	Ø133,0 x H129,4mm	Ø159,9 x H125,0mm (indbygningstype)	Ø160,0 x H134,5mm
	Vægt	580g	755g	1,39Kg

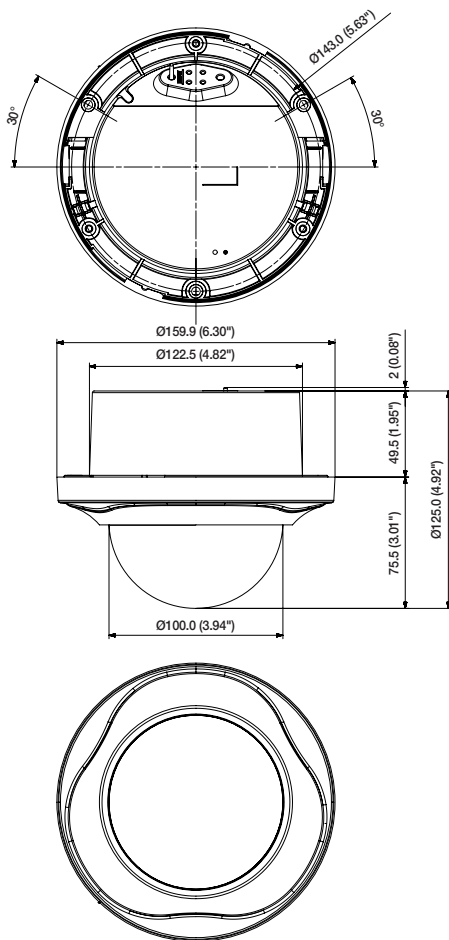
PRODUKTOVERSIGT

Enhed: mm (tommer)

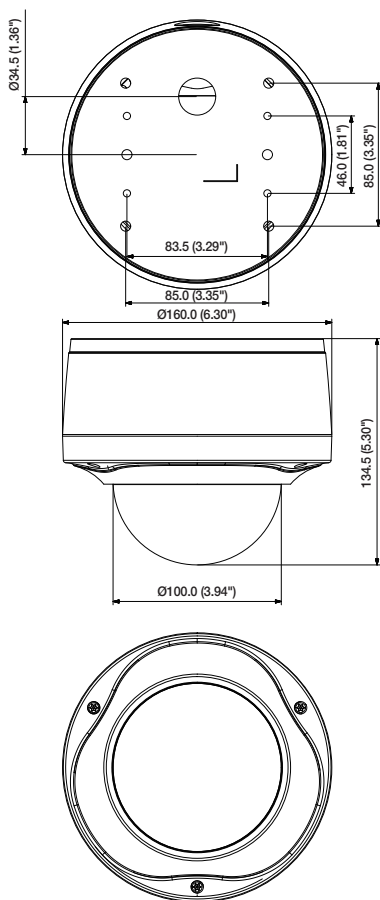
SND-3082



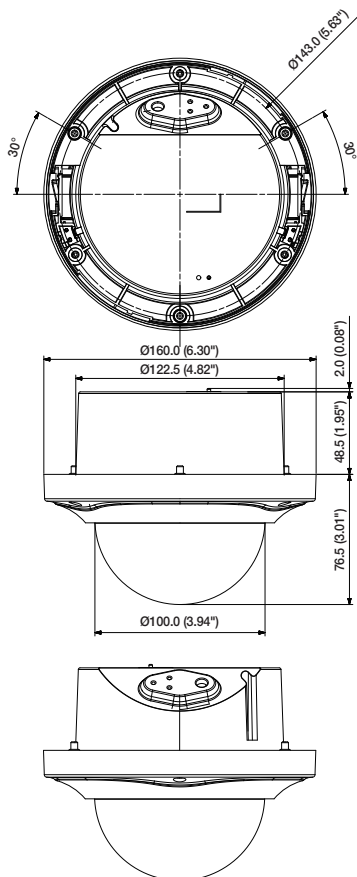
SND-3082F



SNV-3082



Indbygget tilstand



h2> PROBLEMLØSNING

PROBLEM	LØSNING
Jeg kan ikke få adgang til kameraet fra en webbrowser.	- Kontroller, om kameraets netværksindstillinger er korrekte. - Kontroller, om alle netværksskabler er tilsluttet korrekt. - Hvis tilsluttet med DHCP: Kontroller, om kameraet kan hente dynamiske IP-adresser uden problemer. - Hvis kameraet er sluttet til en router: Kontroller, at port forwarding er konfigureret korrekt.
Fremviser blev frakoblet under overvågning.	- Tilsluttede fremvisere bliver frakoblet ved enhver ændring af kamera- eller netværkskonfiguration. - Kontroller alle kabelforbindelser. - Hvis kameraet er tilsluttet via et PPPoE-netværk, kan det være, at fremviseren bliver frakoblet under ringe netværksbetingelser.
Jeg kan ikke slutte til systemet med en browserfane i Internet Explorer 7.0.	Når du forsøger at slutte til systemet med en browserfane, deles de samme cookieinformationer, og det resulterer i fejl ved tilslutning. I stedet for at bruge en browserfane skal du derfor åbne et nyt browservindue for at slutte til systemet.
Kameraet, der er sluttet til netværket, detekteres ikke i IP-installationsprogrammet.	Deaktiver alle firewall-indstillingerne på din pc, og søg efter kameraet igen.
Billeder overlapper.	Kontroller om to eller flere kameraer er indstillet til den samme multicast-adresse i stedet for to forskellige adresser. Hvis den samme adresse anvendes til flere kameraer, kan billederne overlappe.
Der er intet billede.	Hvis overførselsmetoden er indstillet til multicast: Kontroller, om det er en router, der understøtter multicast på LAN'et, som kameraet er sluttet til.

PROBLEM	LØSNING
<Bevægelsesdetek.> for <Opsætning af begivenhed> er indstillet til <Aktiver>, men jeg modtager ikke nogen e-mail med underretning, selvom en hændelse er forekommet.	- Kontroller indstillingerne i følgende rækkefølge: A. Kontrollér indstillinger af <Dato og klokkeslæt>. B. <Bevægelsesdetek.> skal indstilles til <Aktiver>. C. Kontroller, om indstillingen <E-mail> for <Opsætning af hændelseshandling> er markeret til at blive anvendt.
Der findes ikke noget signal på alarmudgangsporten, selv når der genereres en begivenhed.	Kontrollér alarmudgangsportens indstillinger.
Kan ikke optage på SD-hukommelseskortet.	- Kontrollér, om hukommelseskortet er defekt. - Kontrollér, om beskyttelsestappen på hukommelseskortet står på "LOCK".
SD-hukommelseskortet er indsat, men kameraet fungerer ikke korrekt.	- Kontrollér, om hukommelseskortet er indsat i den rigtige retning. Anvendelse af hukommelseskort, der er formateret af andre enheder, garanteres ikke med denne kameraenhed. - Formatér hukommelseskortet igen i menuen <Setup> → <Event> → <Opbevaring>.
Kan ikke formatere SD-hukommelseskortet.	Kontrollér, om beskyttelsestappen på hukommelseskortet står på "LOCK".

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Version 2, June 1991

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- Version 1.1

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