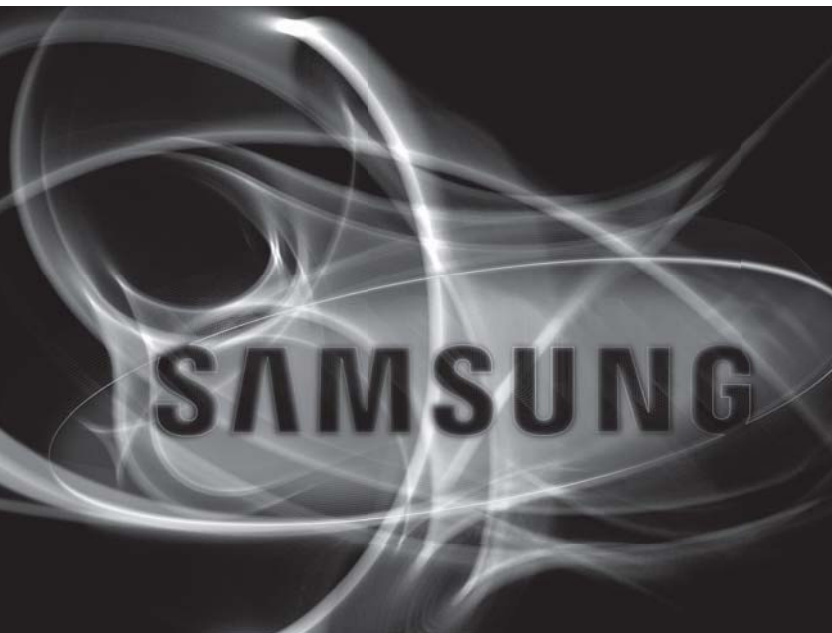


SAMSUNG TECHWIN

NETVÆRKSAMERA

Brugervejledning

SNP-3430H



Netværkskamera

Brugervejledning

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- Hvis systemet ikke fungerer normalt, og det skyldes, at du kører et program, der ikke er relevant for systemdriften.
- Forringet ydelse eller naturlig nedslidning med tiden

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.

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.

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.

BNC-udgangsporten anvendes til at overvåge installationsprocessen vedr. netværkskameraet.

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

FORHOLDSREGLER VEDR. DRIFTSTEMPERATUREN

1. Produktet fungerer ikke ved en omgivende temperatur på under -50°C .
2. Optøning fungerer muligvis ikke under -50°C , afhængigt af installationsstedet.
3. Sørg for, at der altid er tændt for produktet, så temperaturen inden i produktet forbliver på mindst -10°C .
4. Selvom du opvarmer produktet til -20°C , når det har været under -50°C , udsender produktet ikke noget videosignal og viser blot en blå skærm i 30 minutter inden nulstilling af zoommodulet, og i den periode fungerer produktet ikke normalt. Herefter forsøger det at initialisere objektivmodulet hvert 30. minut, indtil temperaturen inde i produktet stiger til den normale driftstemperatur.

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.

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PRODUKTFUNKTIONER

- **H.264/MPEG-4/MJPEG multi-streaming**

Dette netværkskamera understøtter H.264/MPEG-4/MJPEG-codec og kan afspille videoer i forskellige opløsninger og kvaliteter samtidig med forskellige codecs.



- Men MPEG-4-videoer kan ikke afspilles på en webside. Brug CMS-software, hvis du vil afspille videoen på en webside.

- **Understøtter forskellige kommunikationsprotokoller**

Understøtter TCP/IP, UDP, RTP/RTSP, e-mail og FTP-protokoller samt en lang række internetprotokoller. f.eks. ARP, HTTP, HTTPS og DHCP.

- **Webbrowserbaseret overvågning**

Bruger webbrowseren til at afspille billedet i et lokalt netværksmiljø.

- **Alarmfunktion**

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.

- **Overholdelse af ONVIF (spec 1.01)**

Dette produkt understøtter ONVIF Core spec. 1.01.
Yderligere oplysninger findes på www.onvif.org.



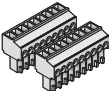
Driving network video through global standardization

ANBEFALEDE PC-SPECIFIKATIONER

- CPU : Intel(R) Core(TM)2 2.00 GHz eller højere
- Operativsystem : Windows XP, VISTA, 7, Mac OS
- Opløsning : 1280X1024 pixels eller højere
- RAM : 1GB eller højere
- Webbrowser : Internet Explorer 6.0 eller højere, Firefox, Chrome, Safari
 - Hverken en anden betatest-version end den, der findes på virksomhedens hjemmeside, eller udviklingsversionen vil blive understøttet.
 - På Firefox v3.5 eller nyere kan visning af en dialogboks med en advarsel medføre en fejl.
 - Ved tilslutning til IPv6 i Windows XP kan det give problemer.
Det anbefales at slutte til IPv6 i Windows 7.
- Videohukommelse : 128MB eller højere

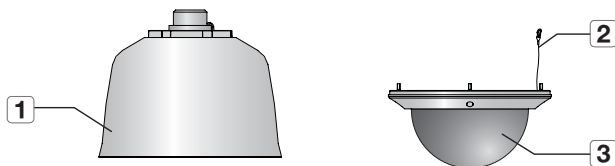
DETTE FØLGER

Kontroller, om kameraet og alt tilbehør medfølger i emballagen.

Udseende	Elementets navn	Antal	Beskrivelse
	Brugervejledning, Installationssoftware, Dvd med CMS-software	1	
	Hurtig vejledning	1	
	9-pins terminalblok	2	Anvendes til alarmtilslutning
	4-pins terminalblok	1	Anvendes til RS-485-kommunikation
	3-pins terminalblok	1	Anvendes til strømtilslutning
	Unbrakonøgle	1	Bruges til at fjerne/ordne kuppeldækslet

HURTIGT OVERBLIK

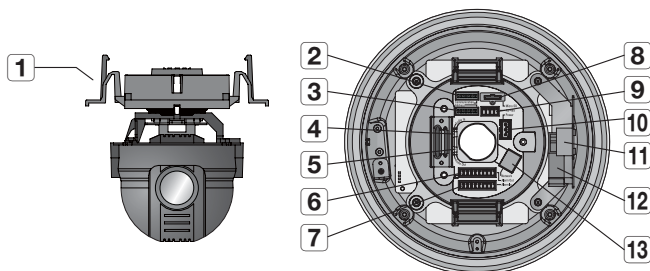
Udseende



Element	Beskrivelse
1 Solskærm og hus	Hus der beskytter den interne PTZ-mekanisme mod direkte sollys, regn eller ekstern påvirkning.
2 Sikkerhedswire til kuppel-	Forhindrer at kuppeldækslet falder ned.
3 Kuppeldæksel	Kuppeldæksel til at beskytte objektiv og enhed.

oversigt

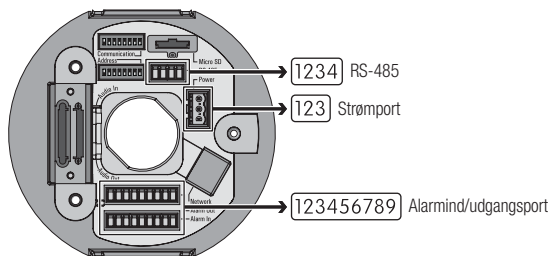
Indvendig



Element	Beskrivelse
1 PTZ-mekanisme	Styrer kameraets PTZ-funktioner.
2 Omskifter til komm. opsætning	Indstiller overførselshastigheden og -protokoller.
3 Omskifter til ID-opsætning	Angiver kamera-ID'et.
4 Lydindgangsport	Anvendes til at tilslutte lydindgangskablet.
5 Lydudgangsport	Anvendes til at tilslutte lydudgangskablet.
6 Alarmudgangsport	Terminalblokport der anvendes ved tilslutning af alarmudgangskablet.
7 Alarmindgangsport	Terminalblokport der anvendes ved tilslutning af alarmindgangskablet.
8 Micro SD Card-slot	Micro SD Card-slot.
9 Kommunikationsport	Anvendes til RS-485-kommunikation.
10 Strømport	Tilslut strømkablet her.
11 Varmekilde	Tør kuppeldækslet op ved lav temperatur ved at øge husets interne temperatur.
12 Blæser	Tør kuppeldækslet op og fjerner fugt.
13 Netværkstilslutninger	Port til netværkskabel.

❖ **Kamerakabling til grænsefladekort**

Om kamerakablingen: Se billedet herunder.

**Alarmindgangssignal**

Nr.	Navn	Anvendelse
1	IN1	Alarmindgangssensor, port 1
2	IN2	Alarmindgangssensor, port 2
3	IN3	Alarmindgangssensor, port 3
4	IN4	Alarmindgangssensor, port 4
5	GND	JORD
6	IN5	Alarmindgangssensor, port 5
7	IN6	Alarmindgangssensor, port 6
8	IN7	Alarmindgangssensor, port 7
9	IN8	Alarmindgangssensor, port 8

Alarmudgangssignal

Nr.	Navn	Anvendelse
1	OUT1	ALARM UD 1
2	OUT1	ALARM UD 1
3	OUT2	ALARM UD 2
4	OUT2	ALARM UD 2
5	DUMMY	Anvendes ikke
6	OUT3	ALARM UD 3
7	OUT3	ALARM UD 3
8	OUT4	ALARM UD 4
9	OUT4	ALARM UD 4

RS-485 kommunikationssignal

Nr.	Navn	Anvendelse
1	RS485+	Controller-datalinje
2	RS485-	Controller-datalinje
3	RS485+	Controller-datalinje
4	RS485-	Controller-datalinje

Strømport

Nr.	Navn	Anvendelse
1	AC	Vekselstrøm 24 V
2	F.G	Jordlinje
3	AC	Vekselstrøm 24 V



- Strømforsyningsadapteren (vekselstrøm) har ingen polaritet.



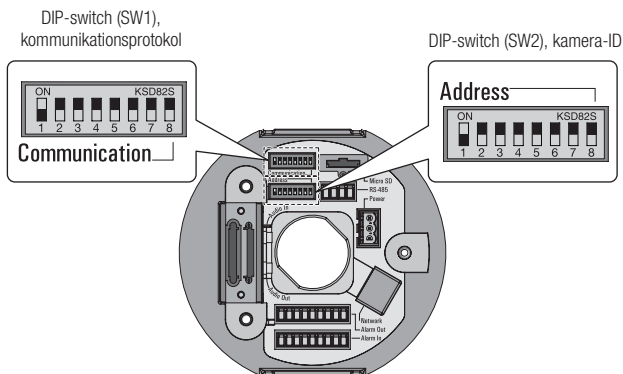
- Den maksimale kapacitet på alarmudgangsporten er 30 V jævnstrøm / 1 A, 125 V vekselstrøm / 0,5 A.
- Ved tilslutning af kameraet til et eksternt produkt med for stort strømforbrug, så brug en separat relæenhed til at sikre korrekt funktion.
- For at forhindre muligt lynindfald ved skærmtest, så udfør testen med FG-terminalen jordforbundet.

INDSTILLING AF DIP-SWITCH

Sådan opsættes protokoller og ID-DIP-switch

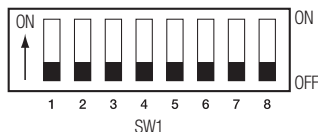
Du kan styre forskellige kameraindstillinger med kommunikations- og ID-DIP-switch. Inden du installerer produktet, skal du indstille DIP-switchene i henhold til installationsmiljøet.

1. Indstil switchene i henhold til dit installationsmiljø. For mere detaljerede opsætningsinformationer skal du se oversigten på næste side.
2. Kameraet kan fungere forkert, hvis switchene ikke helt står i Til/Fra-stilling. Dobbelttjek switchene, inden du afslutter opsætningen.



installation og tilslutning

Indstillinger af DIP-switch (SW1), kommunikationsprotokol



SW1 Bennr.	Formål
1~4	Protokolindstillinger
5~7	Indstilling af baudhastighed
8	Termineringsindstillinger

• Protokolindstillinger

Vælg en kommunikationsprotokol til kameraet

Nr.	Protokol	SW1-#1	SW1-#2	SW1-#3	SW1-#4
1	AUTO DETECT	OFF	OFF	OFF	OFF
2	SAMSUNG-T	ON	ON	ON	OFF
3	PELCO-D	ON	OFF	OFF	OFF
4	PELCO-P	OFF	ON	OFF	OFF
5	SAMSUNG-E	ON	ON	OFF	OFF
6	Panasonic	OFF	OFF	ON	OFF
7	GE	ON	OFF	ON	OFF
8	AD	OFF	ON	ON	OFF
9	VICON	OFF	OFF	OFF	ON
10	Honeywell (KD6)	ON	OFF	OFF	ON
11	BOSCH	OFF	ON	OFF	ON
12	Honeywell (VCLTP)	ON	ON	OFF	ON

• Indstilling af baudhastighed

Vælg overførselshastigheden til en valgt kommunikationsprotokol.

Nr.	Baudhastighed (BPS)	SW1-#5	SW1-#6	SW1-#7
1	2400	OFF	OFF	OFF
2	4800	ON	OFF	OFF
3	9600	OFF	ON	OFF
4	19200	ON	ON	OFF
5	38400	OFF	OFF	ON

• Termineringsindstillinger

For at forhindre dæmpning af kommunikationssignaler mellem kameraet og kontrolleren skal elementerne ved enden af linjen indstilles med termineringsindstillinger.

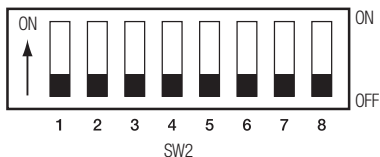
Kameraindgangsposition	SW1- #8
Terminering af den længste vej	ON
På vejen	OFF



- Standardværdien er forsynes med skygge i hver indstillingstabel.
- For at anvende en tredjeparts-controller med dette produkt bedes du kontakte vores eftersalgsafdeling eller teknologiafdeling.

Indstilling af kamera-ID-DIP-switch (SW2)

For at indstille kamera-ID'er skal du se vores "Kamera-ID-oversigt" herunder.



installation og tilslutning

• Kamera-ID-oversigt

ID	SW2-#1	SW2-#2	SW2-#3	SW2-#4	SW2-#5	SW2-#6	SW2-#7	SW2-#8
1	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
2	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF
3	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF
4	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF
5	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF
6	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF
7	ON	ON	ON	OFF	OFF	OFF	OFF	OFF
8	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF
9	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF
10	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF
11	ON	ON	OFF	ON	OFF	OFF	OFF	OFF
12	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF
13	ON	OFF	ON	ON	OFF	OFF	OFF	OFF
14	OFF	ON	ON	ON	OFF	OFF	OFF	OFF
15	ON	ON	ON	ON	OFF	OFF	OFF	OFF
16	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF
17	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF
18	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF
19	ON	ON	OFF	OFF	ON	OFF	OFF	OFF
20	OFF	OFF	ON	OFF	ON	OFF	OFF	OFF
21	ON	OFF	ON	OFF	ON	OFF	OFF	OFF
22	OFF	ON	ON	OFF	ON	OFF	OFF	OFF
23	ON	ON	ON	OFF	ON	OFF	OFF	OFF
24	OFF	OFF	OFF	ON	ON	OFF	OFF	OFF
25	ON	OFF	OFF	ON	ON	OFF	OFF	OFF
26	OFF	ON	OFF	ON	ON	OFF	OFF	OFF
27	ON	ON	OFF	ON	ON	OFF	OFF	OFF
28	OFF	OFF	ON	ON	ON	OFF	OFF	OFF
29	ON	OFF	ON	ON	ON	OFF	OFF	OFF
30	OFF	ON	ON	ON	ON	OFF	OFF	OFF
31	ON	ON	ON	ON	ON	OFF	OFF	OFF
32	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF
33	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF
34	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF
35	ON	ON	OFF	OFF	OFF	ON	OFF	OFF
36	OFF	OFF	ON	OFF	OFF	ON	OFF	OFF
37	ON	OFF	ON	OFF	OFF	ON	OFF	OFF
38	OFF	ON	ON	OFF	OFF	ON	OFF	OFF
39	ON	ON	ON	OFF	OFF	ON	OFF	OFF
40	OFF	OFF	OFF	ON	OFF	ON	OFF	OFF
41	ON	OFF	OFF	ON	OFF	ON	OFF	OFF

ID	SW2-#1	SW2-#2	SW2-#3	SW2-#4	SW2-#5	SW2-#6	SW2-#7	SW2-#8
42	OFF	ON	OFF	ON	OFF	ON	OFF	OFF
43	ON	ON	OFF	ON	OFF	ON	OFF	OFF
44	OFF	OFF	ON	ON	OFF	ON	OFF	OFF
45	ON	OFF	ON	ON	OFF	ON	OFF	OFF
46	OFF	ON	ON	ON	OFF	ON	OFF	OFF
47	ON	ON	ON	ON	OFF	ON	OFF	OFF
48	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF
49	ON	OFF	OFF	OFF	ON	ON	OFF	OFF
50	OFF	ON	OFF	OFF	ON	ON	OFF	OFF
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66	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF
67	ON	ON	OFF	OFF	OFF	OFF	ON	OFF
68	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF
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70	OFF	ON	ON	OFF	OFF	OFF	ON	OFF
71	ON	ON	ON	OFF	OFF	OFF	ON	OFF
72	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF
73	ON	OFF	OFF	ON	OFF	OFF	ON	OFF
74	OFF	ON	OFF	ON	OFF	OFF	ON	OFF
75	ON	ON	OFF	ON	OFF	OFF	ON	OFF
76	OFF	OFF	ON	ON	OFF	OFF	ON	OFF
77	ON	OFF	ON	ON	OFF	OFF	ON	OFF
78	OFF	ON	ON	ON	OFF	OFF	ON	OFF
79	ON	ON	ON	ON	OFF	OFF	ON	OFF
80	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF
81	ON	OFF	OFF	OFF	ON	OFF	ON	OFF
82	OFF	ON	OFF	OFF	ON	OFF	ON	OFF
83	ON	ON	OFF	OFF	ON	OFF	ON	OFF
84	OFF	OFF	ON	OFF	ON	OFF	ON	OFF

installation og tilslutning

ID	SW2-#1	SW2-#2	SW2-#3	SW2-#4	SW2-#5	SW2-#6	SW2-#7	SW2-#8
85	ON	OFF	ON	OFF	ON	OFF	ON	OFF
86	OFF	ON	ON	OFF	ON	OFF	ON	OFF
87	ON	ON	ON	OFF	ON	OFF	ON	OFF
88	OFF	OFF	OFF	ON	ON	OFF	ON	OFF
89	ON	OFF	OFF	ON	ON	OFF	ON	OFF
90	OFF	ON	OFF	ON	ON	OFF	ON	OFF
91	ON	ON	OFF	ON	ON	OFF	ON	OFF
92	OFF	OFF	ON	ON	ON	OFF	ON	OFF
93	ON	OFF	ON	ON	ON	OFF	ON	OFF
94	OFF	ON	ON	ON	ON	OFF	ON	OFF
95	ON	ON	ON	ON	ON	OFF	ON	OFF
96	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF
97	ON	OFF	OFF	OFF	OFF	ON	ON	OFF
98	OFF	ON	OFF	OFF	OFF	ON	ON	OFF
99	ON	ON	OFF	OFF	OFF	ON	ON	OFF
100	OFF	OFF	ON	OFF	OFF	ON	ON	OFF
101	ON	OFF	ON	OFF	OFF	ON	ON	OFF
102	OFF	ON	ON	OFF	OFF	ON	ON	OFF
103	ON	ON	ON	OFF	OFF	ON	ON	OFF
104	OFF	OFF	OFF	ON	OFF	ON	ON	OFF
105	ON	OFF	OFF	ON	OFF	ON	ON	OFF
106	OFF	ON	OFF	ON	OFF	ON	ON	OFF
107	ON	ON	OFF	ON	OFF	ON	ON	OFF
108	OFF	OFF	ON	ON	OFF	ON	ON	OFF
109	ON	OFF	ON	ON	OFF	ON	ON	OFF
110	OFF	ON	ON	ON	OFF	ON	ON	OFF
111	ON	ON	ON	ON	OFF	ON	ON	OFF
112	OFF	OFF	OFF	OFF	ON	ON	ON	OFF
113	ON	OFF	OFF	OFF	ON	ON	ON	OFF
114	OFF	ON	OFF	OFF	ON	ON	ON	OFF
115	ON	ON	OFF	OFF	ON	ON	ON	OFF
116	OFF	OFF	ON	OFF	ON	ON	ON	OFF
117	ON	OFF	ON	OFF	ON	ON	ON	OFF
118	OFF	ON	ON	OFF	ON	ON	ON	OFF
119	ON	ON	ON	OFF	ON	ON	ON	OFF
120	OFF	OFF	OFF	ON	ON	ON	ON	OFF
121	ON	OFF	OFF	ON	ON	ON	ON	OFF
122	OFF	ON	OFF	ON	ON	ON	ON	OFF
123	ON	ON	OFF	ON	ON	ON	ON	OFF
124	OFF	OFF	ON	ON	ON	ON	ON	OFF
125	ON	OFF	ON	ON	ON	ON	ON	OFF
126	OFF	ON	ON	ON	ON	ON	ON	OFF
127	ON	ON	ON	ON	ON	ON	ON	OFF

ID	SW2-#1	SW2-#2	SW2-#3	SW2-#4	SW2-#5	SW2-#6	SW2-#7	SW2-#8
128	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON
129	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON
130	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON
131	ON	ON	OFF	OFF	OFF	OFF	OFF	ON
132	OFF	OFF	ON	OFF	OFF	OFF	OFF	ON
133	ON	OFF	ON	OFF	OFF	OFF	OFF	ON
134	OFF	ON	ON	OFF	OFF	OFF	OFF	ON
135	ON	ON	ON	OFF	OFF	OFF	OFF	ON
136	OFF	OFF	OFF	ON	OFF	OFF	OFF	ON
137	ON	OFF	OFF	ON	OFF	OFF	OFF	ON
138	OFF	ON	OFF	ON	OFF	OFF	OFF	ON
139	ON	ON	OFF	ON	OFF	OFF	OFF	ON
140	OFF	OFF	ON	ON	OFF	OFF	OFF	ON
141	ON	OFF	ON	ON	OFF	OFF	OFF	ON
142	OFF	ON	ON	ON	OFF	OFF	OFF	ON
143	ON	ON	ON	ON	OFF	OFF	OFF	ON
144	OFF	OFF	OFF	OFF	ON	OFF	OFF	ON
145	ON	OFF	OFF	OFF	ON	OFF	OFF	ON
146	OFF	ON	OFF	OFF	ON	OFF	OFF	ON
147	ON	ON	OFF	OFF	ON	OFF	OFF	ON
148	OFF	OFF	ON	OFF	ON	OFF	OFF	ON
149	ON	OFF	ON	OFF	ON	OFF	OFF	ON
150	OFF	ON	ON	OFF	ON	OFF	OFF	ON
151	ON	ON	ON	OFF	ON	OFF	OFF	ON
152	OFF	OFF	OFF	ON	ON	OFF	OFF	ON
153	ON	OFF	OFF	ON	ON	OFF	OFF	ON
154	OFF	ON	OFF	ON	ON	OFF	OFF	ON
155	ON	ON	OFF	ON	ON	OFF	OFF	ON
156	OFF	OFF	ON	ON	ON	OFF	OFF	ON
157	ON	OFF	ON	ON	ON	OFF	OFF	ON
158	OFF	ON	ON	ON	ON	OFF	OFF	ON
159	ON	ON	ON	ON	ON	OFF	OFF	ON
160	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON
161	ON	OFF	OFF	OFF	OFF	ON	OFF	ON
162	OFF	ON	OFF	OFF	OFF	ON	OFF	ON
163	ON	ON	OFF	OFF	OFF	ON	OFF	ON
164	OFF	OFF	ON	OFF	OFF	ON	OFF	ON
165	ON	OFF	ON	OFF	OFF	ON	OFF	ON
166	OFF	ON	ON	OFF	OFF	ON	OFF	ON
167	ON	ON	ON	OFF	OFF	ON	OFF	ON
168	OFF	OFF	OFF	ON	OFF	ON	OFF	ON
169	ON	OFF	OFF	ON	OFF	ON	OFF	ON
170	OFF	ON	OFF	ON	OFF	ON	OFF	ON

installation og tilslutning

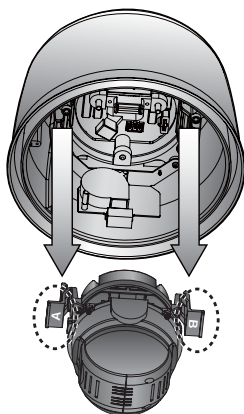
ID	SW2-#1	SW2-#2	SW2-#3	SW2-#4	SW2-#5	SW2-#6	SW2-#7	SW2-#8
171	ON	ON	OFF	ON	OFF	ON	OFF	ON
172	OFF	OFF	ON	ON	OFF	ON	OFF	ON
173	ON	OFF	ON	ON	OFF	ON	OFF	ON
174	OFF	ON	ON	ON	OFF	ON	OFF	ON
175	ON	ON	ON	ON	OFF	ON	OFF	ON
176	OFF	OFF	OFF	OFF	ON	ON	OFF	ON
177	ON	OFF	OFF	OFF	ON	ON	OFF	ON
178	OFF	ON	OFF	OFF	ON	ON	OFF	ON
179	ON	ON	OFF	OFF	ON	ON	OFF	ON
180	OFF	OFF	ON	OFF	ON	ON	OFF	ON
181	ON	OFF	ON	OFF	ON	ON	OFF	ON
182	OFF	ON	ON	OFF	ON	ON	OFF	ON
183	ON	ON	ON	OFF	ON	ON	OFF	ON
184	OFF	OFF	OFF	ON	ON	ON	OFF	ON
185	ON	OFF	OFF	ON	ON	ON	OFF	ON
186	OFF	ON	OFF	ON	ON	ON	OFF	ON
187	ON	ON	OFF	ON	ON	ON	OFF	ON
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189	ON	OFF	ON	ON	ON	ON	OFF	ON
190	OFF	ON	ON	ON	ON	ON	OFF	ON
191	ON	ON	ON	ON	ON	ON	OFF	ON
192	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON
193	ON	OFF	OFF	OFF	OFF	OFF	ON	ON
194	OFF	ON	OFF	OFF	OFF	OFF	ON	ON
195	ON	ON	OFF	OFF	OFF	OFF	ON	ON
196	OFF	OFF	ON	OFF	OFF	OFF	ON	ON
197	ON	OFF	ON	OFF	OFF	OFF	ON	ON
198	OFF	ON	ON	OFF	OFF	OFF	ON	ON
199	ON	ON	ON	OFF	OFF	OFF	ON	ON
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202	OFF	ON	OFF	ON	OFF	OFF	ON	ON
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204	OFF	OFF	ON	ON	OFF	OFF	ON	ON
205	ON	OFF	ON	ON	OFF	OFF	ON	ON
206	OFF	ON	ON	ON	OFF	OFF	ON	ON
207	ON	ON	ON	ON	OFF	OFF	ON	ON
208	OFF	OFF	OFF	OFF	ON	OFF	ON	ON
209	ON	OFF	OFF	OFF	ON	OFF	ON	ON
210	OFF	ON	OFF	OFF	ON	OFF	ON	ON
211	ON	ON	OFF	OFF	ON	OFF	ON	ON
212	OFF	OFF	ON	OFF	ON	OFF	ON	ON
213	ON	OFF	ON	OFF	ON	OFF	ON	ON

ID	SW2-#1	SW2-#2	SW2-#3	SW2-#4	SW2-#5	SW2-#6	SW2-#7	SW2-#8
214	OFF	ON	ON	OFF	ON	OFF	ON	ON
215	ON	ON	ON	OFF	ON	OFF	ON	ON
216	OFF	OFF	OFF	ON	ON	OFF	ON	ON
217	ON	OFF	OFF	ON	ON	OFF	ON	ON
218	OFF	ON	OFF	ON	ON	OFF	ON	ON
219	ON	ON	OFF	ON	ON	OFF	ON	ON
220	OFF	OFF	ON	ON	ON	OFF	ON	ON
221	ON	OFF	ON	ON	ON	OFF	ON	ON
222	OFF	ON	ON	ON	ON	OFF	ON	ON
223	ON	ON	ON	ON	ON	OFF	ON	ON
224	OFF	OFF	OFF	OFF	OFF	ON	ON	ON
225	ON	OFF	OFF	OFF	OFF	ON	ON	ON
226	OFF	ON	OFF	OFF	OFF	ON	ON	ON
227	ON	ON	OFF	OFF	OFF	ON	ON	ON
228	OFF	OFF	ON	OFF	OFF	ON	ON	ON
229	ON	OFF	ON	OFF	OFF	ON	ON	ON
230	OFF	ON	ON	OFF	OFF	ON	ON	ON
231	ON	ON	ON	OFF	OFF	ON	ON	ON
232	OFF	OFF	OFF	ON	OFF	ON	ON	ON
233	ON	OFF	OFF	ON	OFF	ON	ON	ON
234	OFF	ON	OFF	ON	OFF	ON	ON	ON
235	ON	ON	OFF	ON	OFF	ON	ON	ON
236	OFF	OFF	ON	ON	OFF	ON	ON	ON
237	ON	OFF	ON	ON	OFF	ON	ON	ON
238	OFF	ON	ON	ON	OFF	ON	ON	ON
239	ON	ON	ON	ON	OFF	ON	ON	ON
240	OFF	OFF	OFF	OFF	ON	ON	ON	ON
241	ON	OFF	OFF	OFF	ON	ON	ON	ON
242	OFF	ON	OFF	OFF	ON	ON	ON	ON
243	ON	ON	OFF	OFF	ON	ON	ON	ON
244	OFF	OFF	ON	OFF	ON	ON	ON	ON
245	ON	OFF	ON	OFF	ON	ON	ON	ON
246	OFF	ON	ON	OFF	ON	ON	ON	ON
247	ON	ON	ON	OFF	ON	ON	ON	ON
248	OFF	OFF	OFF	ON	ON	ON	ON	ON
249	ON	OFF	OFF	ON	ON	ON	ON	ON
250	OFF	ON	OFF	ON	ON	ON	ON	ON
251	ON	ON	OFF	ON	ON	ON	ON	ON
252	OFF	OFF	ON	ON	ON	ON	ON	ON
253	ON	OFF	ON	ON	ON	ON	ON	ON
254	OFF	ON	ON	ON	ON	ON	ON	ON
255	ON	ON	ON	ON	ON	ON	ON	ON

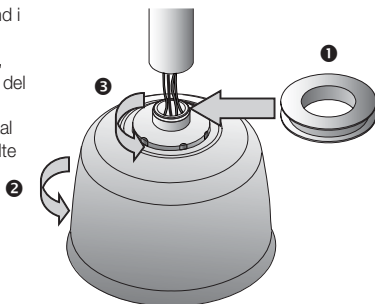
installation og tilslutning

HURTIGT OVERBLIK

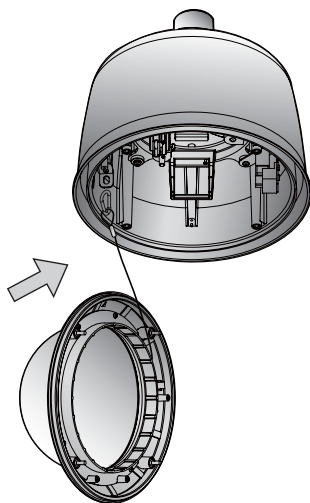
1. Inden du kan tilslutte kablerne, skal du trykke både A- og B-håndtagene ned på PTZ-mekanismen for at fjerne den.



2. Pak rørgvindet øverst på huset ind i vandtæt tape. Kom det omkring mindst 7 gange, inden du monterer husets øverste del på beslaget. For at fastgøre toppen af huset skal du dreje håndtaget på den dobbelte møtrik med uret til enden.

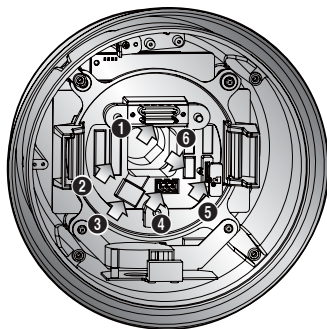


3. Sørg for, at kuppeldækslet er fastgjort forsvarligt til sikkerhedswiren.



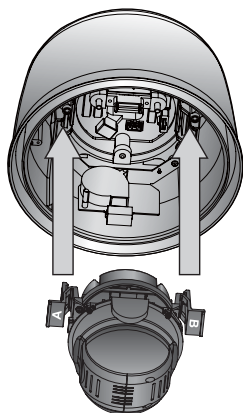
4. Slut hvert af følgende kabler til den relevante port.

- ❶ Lyd ind/ud
- ❷ Terminalblok
- ❸ Netværk
- ❹ Strøm
- ❺ Micro SD Card
- ❻ RS-485

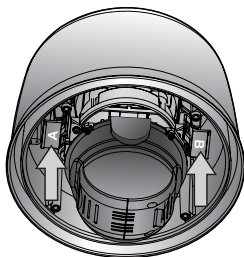


installation og tilslutning

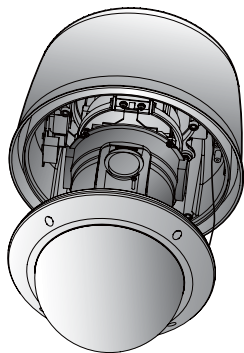
5. Kontroller retningen på et-tryks-sensoren øverst på huset, inden du fastgør PTZ-mekanismen til krogene øverst på huset, og skub det ned.



6. For at sikre PTZ-mekanismen til den øverste del af huset, skal du holde de to sorte håndtag nede, indtil du hører et klik.



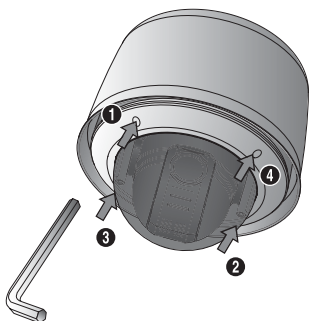
7. Luk kuppeldækslet. Sørg for, at du lukker kuppeldækslet i pilens retning.



8. Stram skruerne (4 stk.) i den numeriske rækkefølge, der er vist på figuren.



- For at bevare den bedste forsegling skal du stramme skruerne med et moment på mellem 0,5 Nm og 1,0 Nm.



installation og tilslutning

Ekstraudstyr til installation

For at gøre installationen lettere kan du købe relevant ekstraudstyr.

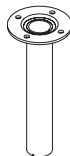
1. ADAPTER TIL VÆGBESLAG(SCX-300WM)

Adapteren bruges, når kuppelkameraet installeres på en væg.



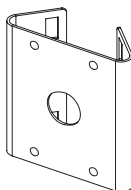
2. ADAPTER TIL LOFTBESLAG(SCX-300CM)

Adapteren bruges, når kuppelkameraet installeres på et betonloft.



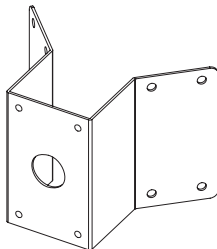
3. ADAPTER TIL STANGBESLAG(SCX-300PM)

Dette er en adapter til installation af ADAPTER TIL VÆGBESLAG (SCX-300WM) på en stang, hvis diameter er større end 80 mm.



4. ADAPTER TIL HJØRNEBESLAG(SCX-300KM)

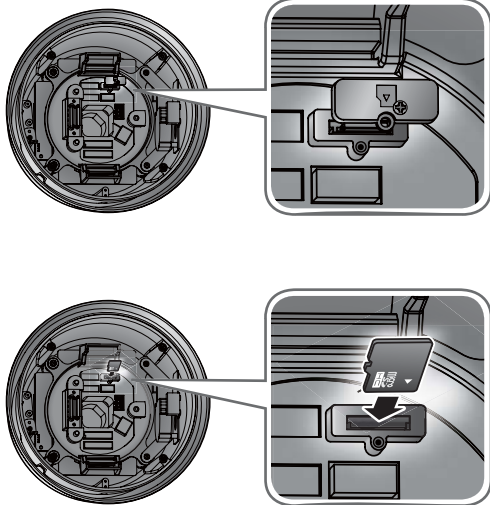
Dette er en adapter til installation af ADAPTER TIL VÆGBESLAG (SCX-300WM) i hjørnet af en væg.



INDSÆTNING/UDTAGNING AF ET SD-HUKOMMELSESKORT

Indsætning af et SD-hukommelseskort

Løsn skruen, for SD-hukommelseskortet fjernes som vist. Indsæt SD-kortet i pilens retning.

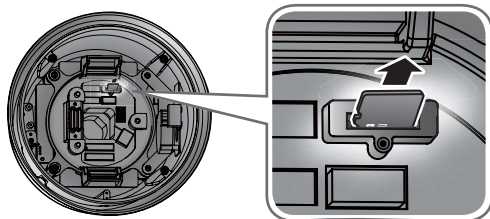


- Forcéér ikke, hvis du indsætter SD-hukommelseskortet, når det vender på hovedet. Ellers kan det beskadige SD-hukommelseskortet.

installation og tilslutning

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.



- 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 <Optag> til <Fra> fra <SD-optag> og trykke på [Anvend ()]. (side 79)
- Hvis du har gemt data på SD-hukommelseskortet, bliver data, der ligger på kortet, beskadiget, hvis du fjerner SD-hukommelseskortet.

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

Du kan også anvende Micro SD/SDHC-hukommelseskort i dette kamera.

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

Til dette kamera anbefaler vi hukommelseskort fra følgende producenter:

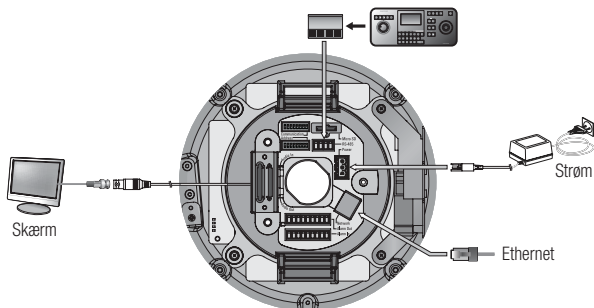
Producenter af Micro SD/SDHC-hukommelse: Sandisk, Transcend, Kingston

Kameraet understøtter 2GMB til 32GB kapacitet på hukommelseskortet.

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

For at opnå korrekt optagelse af videodata anbefaler vi, at du bruger et hukommelseskort, der understøtter en læse-/skrivehastighed på mindst 10Mbps) og klasse 6.

TILSLUTNING TIL ANDEN ENHED



Strømforsyning

Kontroller den angivne spænding og strøm, inden du udfører tilslutninger.

Angivet strøm	Tilladt indgangsstrøm	Strømforbrug
Vekselstrøm 24 V	Vekselstrøm 19V ~ 29V	2,5 A



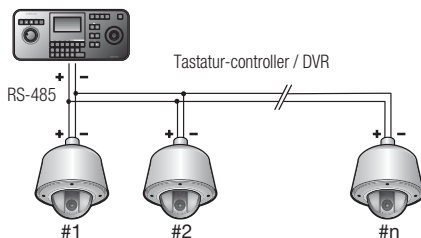
- Hvis du anvender PoE+, kører varmeren slet ikke.
Brug en adapter, hvis installationsstedet kræver brug af en varmekilde. Adapter sælges separat.
- Du skal sikre, at skærmen og kameraet er slukket, når du forbinder dem.

installation og tilslutning

RS-485-kommunikation

Slut denne linje til din DVR for at kontrollere PTZ-funktionen.

For at styre flere kameraer på én gang skal RS-485-kommunikation konfigureres i parallel således:



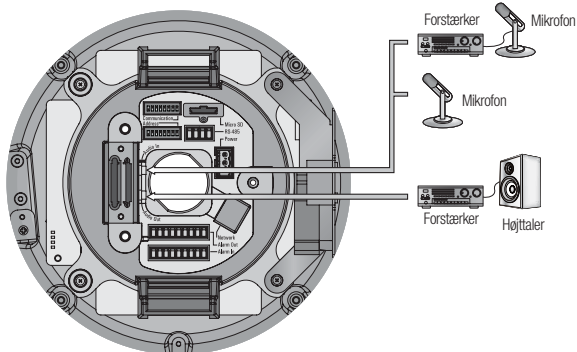
Tilslutning af video

Udfør videotilslutningen med BNC-koaksialkablet.



- BNC-udgangsporten anvendes kun til at overvåge installationsprocessen for netværkskameraet. Hvis du bevarer BNC-kablet tilsluttet, er der risiko for, at lys kan medføre skade på produktet eller en fejlfunktion.

Tilslutning til lydind-/udgang

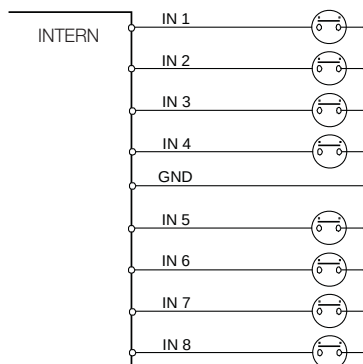


1. Tilslut AUDIO IN-stikket på kameraet direkte til mikrofonen eller LINE OUT-stikket på forstærkeren, som mikrofonen er tilsluttet.
2. Tilslut AUDIO OUT-stikket på kameraet med LINE IN-stikket på højttaleren.
3. Kontroller specifikationerne for lydindgang.

- **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

installation og tilslutning

Kablingsdiagram - alarmindgang



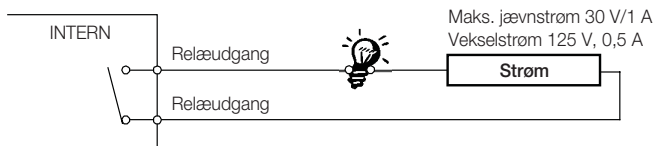
Sensorindgang

Tilslutning af JORD til indgangssignalbenet indikerer, at alarmen er aktiveret.



- Hvis du vil aktivere alarmindgangen, skal du vælge en sensortype i menuen Opsætning.
- Du kan vælge blandt to sensortyper: Normal åben og Normal luk. Et forkert valg af sensortype kan få alarmen til at fungere omvendt.

ALARM UD



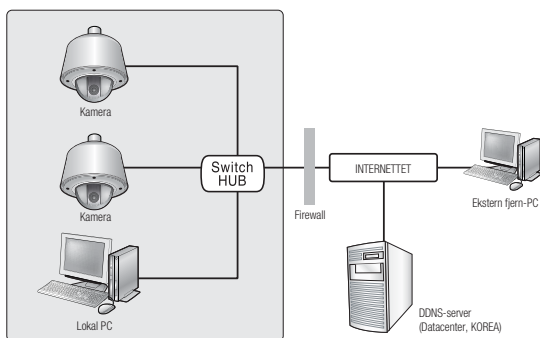
- Der er fire tilgængelige udgange, der alle er af relækontakttypen. Du behøver derfor ikke være opmærksom på krydskanalspolaritet, veksel/jævnstrøm eller isolering. Men sørg for, at du har kontrolleret strømforbruget på relækontakten.

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.



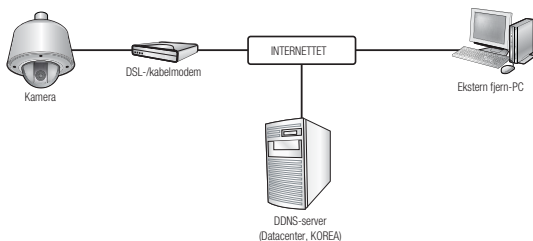
<Lokalt netværk>



- 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.
- IP-adressen er som standard indstillet til 192.168.1.100 ved afsendelsen. Brug IP-installationsprogrammet til at ændre IP-adressen. For flere detaljer om brug af IP-installationsprogrammet skal du se "**Statisk IP-opsætning**". (side 40)

netværksforbindelse og opsætning

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

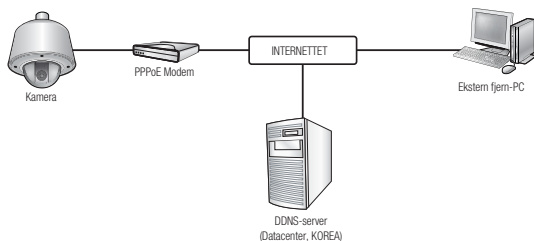


1. Anvend LAN-krydskablet til at tilslutte netværkskablet direkte til din PC.
2. Kør IP-installationsprogrammet, og ændr kameraets IP-adresse, så du kan bruge webbrowseren på dit skrivebord til at oprette forbindelse til internettet.
3. Brug internetbrowseren til at oprette forbindelse til kameraet.
4. Gå videre til siden **[Setup]**.
5. Gå videre til **[Netværk] – [DDNS]**, og konfigurer DDNS-indstillingerne.
6. Gå videre til **[Netværk] – [Grænseflade]**, og angiv 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 74)
- Se "**DDNS**" om konfiguration af DDNS-indstillingerne. (side 73)
- Se "**Interface**" om indstilling af netværkstype. (side 71)

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 **[Netværk] – [DDNS]**, og konfigurer DDNS-indstillingerne.
6. Gå videre til **[Netværk] – [Grænseflade]**, og angiv netværkstypen til **[PPPoE]**.
7. Tilslut kameraet, der er frakoblet pc'en, direkte til modemmet.
8. Genstart kameraet.

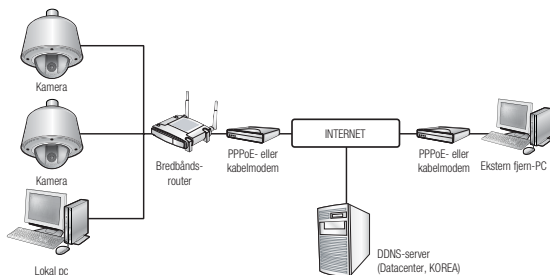


- Se "**Registrering med DDNS**" om registrering af DDNS-indstillingerne. (side 74)
- Se "**DDNS**" om konfiguration af DDNS-indstillingerne. (side 73)
- Se "**Interface**" om indstilling af netværkstype. (side 71)

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

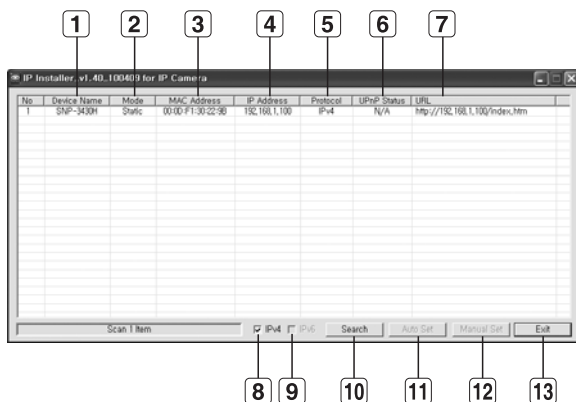
Følg nedenstående instruktioner for at konfigurere netværksindstillingerne på den lokale pc tilsluttet en Bredbånds-router

- 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.
- Se afsnittet "**Opsætning af videresendelse af portinterval (portilknytning)**" i dokumentationen til Bredbånds-routeren. (side 44)

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 Mode	Viser enten <Static> eller <Dynamic> for den nuværende netværksstatus.
3 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.
4 IP Address	IP-adresse Klik på kolonnen for at sortere listen efter IP-adresse. Søgningen stopper dog, hvis du klikker under søgningen. Fabriksindstillingen er "192.168.1.100"
5 Protocol	Netværksindstillinger for kameraet. Fabriksindstillingen er "IPv4". Kameraer med IPv6-indstillingen vises som "IPv6".
6 UPnP Status	Denne funktion er pt. ikke implementeret.

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.
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-dvd'en eller den seneste version, hvis den er tilgængelig. Du kan hente den seneste version fra produktets website.

STATISK IP-OPSÆTNING

Manuel netværksopsætning

Kør <IP Installer.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.
Find MAC(Ethernet-)adressen, der er angivet på kameraets bagside.
Både knappen [Auto Set] og [Manual Set] aktiveres.
- 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 : Det pågældende kameras MAC(Ethernet-) adresse angives automatisk, så du behøver ikke at indtaste det manuelt.



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

Hvis du bruger en Bredbånds-router

- IP Address : Indtast en adresse inden for IP-området leveret af Bredbånds-router.
eks.) 192.168.1.2~254,
192.168.0.2~254,
192.168.XXX.2~254
- Subnet Mask : Bredbånds-router <Subnet Mask> er kameraets <Subnet Mask>.
- Gateway : Bredbånds-router <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.
- Se afsnittet "Opsætning af videresendelse af portinterval (porttilknytning)" i dokumentationen til Bredbånds-routeren. (Side 44)

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. Brug drejeknappen til at ændre værdien for HTTP-porten.
- VNP Port : Bruges til at kontrollere videosignaloverførsel, standard er 4520.

netværksforbindelse og opsætning

5. Indtast adgangskoden.

Dette er login-adgangskoden til brugeren "**admin**", der har adgang til kameraet. Standardadgangskoden er "**4321**".

6. Klik på **[OK]**.

Den manuelle netværksopsætning afsluttes.

7. Når den manuelle opsætning inkl. IP er gennemført, genstartes kameraet.

Hvis Bredbånds-router har mere end et kamera tilsluttet

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

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.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.

Find MAC(Ethernet)-adressen, der er angivet på kameraets bagside.

Både knapperne **[Auto Set]** og **[Manual Set]** aktiveres.

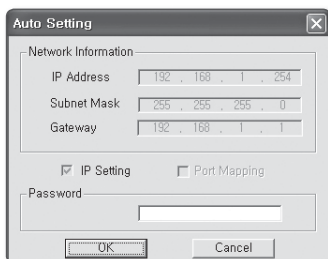
2. Klik på **[Auto Set]**.

Dialogboksen Auto Setting vises.

<IP Address>, <Subnet Mask> og <Gateway> indstilles automatisk.



3. Indtast adgangskoden.
Dette er logon-adgangskoden til brugeren "**admin**", der har adgang til kameraet. Standardadgangskoden er "**4321**".
4. Klik på [OK].
Den automatiske netværksopsætning afsluttes.



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-protokollen
 - Hvis der tildeles IP'er af den interne DHCP-server via LAN

Kontrol af den dynamiske IP

1. Kør IP-installationsprogrammet på brugerens lokale maskine for at vise kameraer, der er allokeret med adressetypen <**Dynamic IP**> i listen.
2. Vælg et kamera på listen, og klik på [**Manual Set**] for at se kameraets <**Dynamic IP**>.
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-router, så en fjern-pc kan få adgang til kameraet.

Manuel videresendelse af portinterval

1. Vælg <Applications & Gaming>

- <Port Range Forward> i opsætningsmenuen på Bredbånds-router.

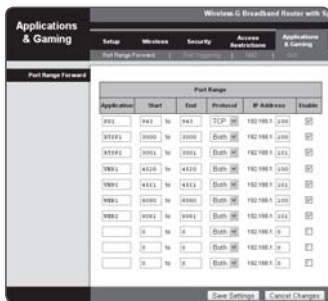
Se Bredbånds-router vejledning for oplysninger om, hvordan videresendelse af portintervallet indstilles for en tredjeparts-Bredbånds-router.

2. Vælg <TCP> og <UDP Port> for hvert kamera, der er tilsluttet til Bredbånds-router.

Hvert portnummer til Bredbånds-router skal passe til det, der er angivet i <Netværk> - <Port> i kameraets opsætningsmenu.

3. Klik bagefter på [Save Settings].

Dine indstillinger gemmes.



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

Indstilling af område til port-forwarding for flere netværkskameraer

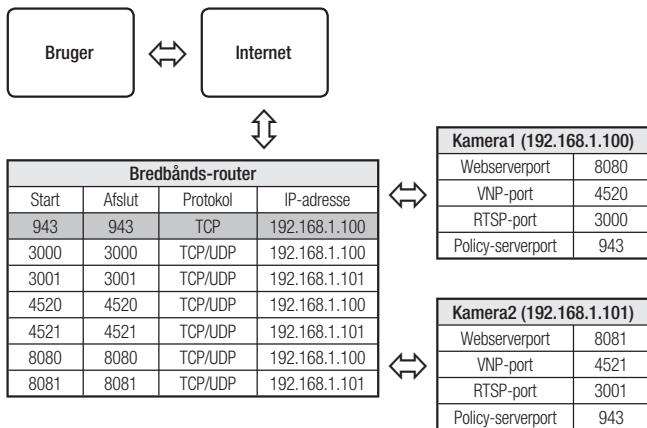
Hvis der er sluttet flere netværkskameraer til én Bredbånds-router, bør du videresende TCP-port 943 på routeren til TCP-port 943 på et tilsluttet kamera.



- 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.

Når Kamera1 og Kamera2 er sluttet til en router:



- 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.

netværksforbindelse og opsætning

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

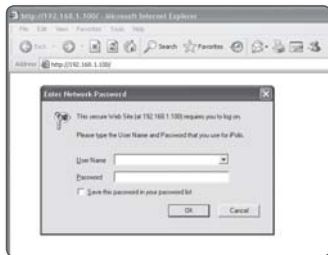
Da brug af IP-installationsprogrammet på en fjerncomputer, der ikke er i Bredbånds-routerens netværksklynge, ikke er tilladt, kan brugere tilgå kameraer i en Bredbånds-routers netværk ved at bruge kameraets DDNS-URL.

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

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/[DDNS Domain]
- login-dialogen vises.

opsætningsskærm

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 (internetudbydere's 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.

Hvis du vil føje IP-adressen til <DDNS>-serveren: Besøg www.samsungipolis.com, registrer din enhed, og indstil DDNS-valget til <Samsung DDNS>, før du angiver værtsnavnet for DDNS-serveren.

LOG PÅ

Standard-bruger-id er "admin", og standard-adgangskoden er "4321".

1. Indtast "admin" i indtastningsfeltet <User Name>.

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.



- Af sikkerhedsgrunde skal du ændre adgangskoden i <System> - <Bruger>. Administrator-id'en "admin" er fast og kan ikke ændres.

- Hvis du markerer feltet "Save this password in your password list", når du har foretaget din indtastning, logges du på automatisk uden at blive bedt om at indtaste login-oplysninger fra og med næste gang.



- Hvis du bruger Internet Explorer 7.0 eller 8.0 som standard-webbrowser, kan du få vist den bedste billedkvalitet med et skærmforhold på 100 %. Hvis dette forhold reduceres, kan billedets kanter blive beskåret.

Dette netværkskamera bruger Microsoft Silverlight til at vise video.

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.

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.



opsætningsskærm

5. Vælg <Close>, når du er færdig.



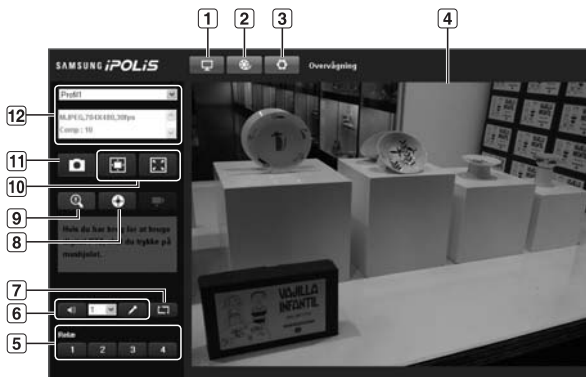
6. Luk og genstart webbrowseren, og prøv at få adgang til Web Viewer.
Når Silverlight Runtime er korrekt installeret, vil du se Live-skærmen.



- Ved normal installation, skal du indstille blokering af popup på følgende måde:
eks.) **Internet Explorer → Funktioner**
→ **Blokering af pop op-vinduer**
→ **Tillad altid pop op-vinduer fra det aktuelle websted (A)**
- Men MAC OS X-brugere uden forbindelse til internettet kan anvende den medfølgende installations-dvd til at installere Silverlight Runtime (kør den kørbare "Silverlight_XXX.dmg" på dvd'en. Softwaren fører dig gennem installationen).



BRUG AF LIVE-SKÆRMEN



Emne	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.
5 Alarmudgang	Aktiverer alarmudgangen.
6 Lyd	Viser lyd-omskifterknappen mellem lytning og tale på skærmen.
7 Nulstil alarm	Nulstiller indstillingerne for alarmudgang.
8 PTZ	Gør det muligt for dig at styre kameraets zoomobjektiv.

opsætningsskærm

Emne	Beskrivelse
9 Digital PTZ	Du kan bruge musen til at aktivere digital zoom.
10 Skærmoptimering, fuld skærm	Justerer skærmen til den optimale størrelse og viser Fuld skærm-ikonet på Live-skærmen.
11 Optag	Gemmer snapshotet som en billedfil i formatet .bmp.
12 Videoformat	Du kan vælge en profiltipe i <Videoprofil> under opsætningsmenuen <Audio og video>. ☒ For IE 6.0-brugere: Tryk på knappen Gennemse ved siden af dialogboksen <Videoprofil>, og vælg en profiltipe igen, hvis den valgte profil ikke afspilles. ☒ Hvis meddelelsen "Ugyldig codec" vises, skal du vælge en profiltipe fra profilisten igen.



- Hvis temperaturen falder til under driftsområdet, produceres muligvis intet videosignal. I sådanne tilfælde skal du vente på videoen.

Sådan aktiveres områdezoomtilstanden

Højreklik på visningsskærmen for at få vist indholdsmenuen nedenfor:

Menuemner og beskrivelser

- Gå til 1x : Skifter den aktuelle zoomfaktor til x1.
- Forrige : Vender tilbage til forrige område og indstillinger.
- Næste : Skifter til næste område og indstillinger.
- Afslut Områdezoomtilstand : Afslutter områdezoomtilstanden.
- Gå til for. : Flytter til den forudindstillede position.



Sådan optages snapshottet

1. Klik på [] det motiv, der skal optages. Dialogen til optagelse vises.
 2. Klik på knappen [Save].
Skærbilledet gemmes i den angivne sti.
-  Hvis du anvender Internet Explorer 8 som standardwebbrowser, så vælg "Funktioner-Internetindstillinger-Sikkerhed", og fravælg "Brug beskyttet tilstand".



Sådan skiftes lyden

1. Klik på knappen [Lyd ()].
Den tilsvarende knap vises i Vieweren.
2. Klik på knappen for at lytte til / slukke for lyden efter behov.
Denne knap fungerer som en alternativknap.



Sådan skiftes mikrofonlyden

1. Klik på knappen [Mic ()].
Den tilsvarende knap vises i Vieweren.
-  Meddelelsen "**Kan ikke finde lydoptageenhed**" vises, hvis der ikke er nogen mikrofon.



2. Klik på knappen for at starte / stoppe tale.
Denne knap fungerer som en alternativknap.
Dialogboksen Silverlight-tilladelse vises, når du klikker på mikrofonknappen.

opsætningsskærm

Sådan tilpasses til fuld skærm

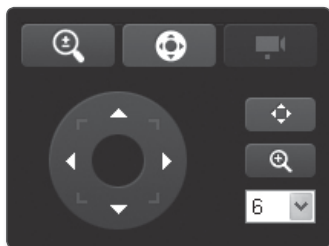
1. Klik på knappen **[Fuld skærm ()]**.
Den tilsvarende knap vises i Vieweren.
2. Klik på knappen.
Herved tilpasses Viewer til hele skærmen.
3. Du kan forlade fuldskræmsvisning ved at trykke på **[Esc]** på tastaturet.

Sådan styres PTZ'en

1. Tryk på knappen **[PTZ ()]**.
2. Når PTZ-knaplinjen vises på skærmen, så brug retningsknapperne til at justere kameravinklen, zoomfaktoren eller fokus efter dine ønsker.



- For flere detaljer om brug af PTZ:
Se "PTZ-opstil". (side 65)



AFSPILNING

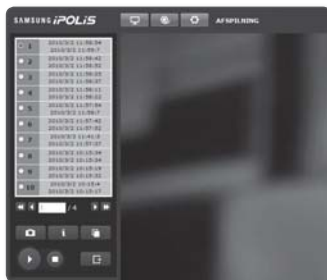
1. Klik på knappen **[AFSPILNING ()]**.
2. Angiv start- og sluttid for søgningen.
3. Vælg en søgningstype.
4. Klik på knappen **[Søg ()]**.
Søgeresultatet vises i listen.



- Hvis der er optaget mere end 500 begivenheder i søgeperioden, begrænses din søgning til den dato, hvor begivenhed nr. 500 blev optaget.

Hvis søgeperioden f.eks. er mellem den 10. og den 15. i måneden, og der er optaget mere end 500 begivenheder mellem den 10. og den 11., begrænses din søgning til den 11. dag med i alt 500 begivenheder, og begivenheder derefter (fra den 12.) bliver ikke fundet.

5. Vælg et datapunkt i søgelisten til afspilning.
6. Klik på knappen **[Afsp. ()]**.
7. Videoafspilningen stoppes ved at klikke på **[Stop ()]**.
Du kan vende tilbage til søgeskærmen ved at klikke på **[Afslut ()]**.



Sådan kontrolleres tidsoplysningerne for videoen, der afspilles

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

Sådan laves en sikkerhedskopi af den søgte video

1. Klik på [] i motivet for at sikkerhedskopiere.
Vinduet Gem som vises.
2. Klik på knappen [Save].
Skærbilledet sikkerhedskopieres til den angivne sti.



- Hvis du anvender Internet Explorer 8 som standardwebbrowser, så vælg "Funktioner-Internetindstillinger-Sikkerhed", og fravælg "Brug beskyttet tilstand".

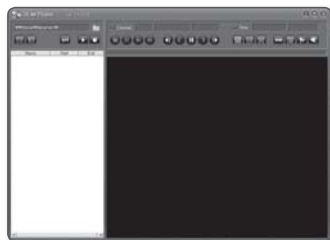


AFSPILNING AF SIKKERHEDSKOPIOPTAGELSERNE

Du kan afspille sikkerhedskopioptagelser med SlimPlayer.

Sådan downloader du SlimPlayer

1. Klik på [SlimPlayer ()].
Du får vist en dialogboks for filoverførsel, hvor du kan angive en sti til overførslen.
2. Angiv sikkerhedskopieringsstien med et korrekt filnavn, og klik på [Save].
3. Udpak den overførte fil, og kør programmet.



opsætningsskærm

OPSÆTNING

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

1. Klik på **[OPSTILLING (⚙️)]** på Live-skærmen.
2. Opsætningsskærmen vises.

OPSÆTNING AF AUDIO OG VIDEO

Videoprofil

1. Vælg fanen **<Audio og video (🔊)>** i opsætningsmenuen.
 2. Klik på **<Videoprofil>**.
 3. Vælg et nummer på en **<Videoprofil>**.
 4. Klik på indtastningsfeltet for hvert element, og indtast / vælg de ønskede værdier.
 - Genvejsmenuen kan variere, afhængigt af den valgte codec type.
 - Standardprofil : Dette er standard-videoprofilen.
 - Fast billedhastighedsprofil : Fastsætter billedhastigheden for den valgte profil uanset indstillingerne for andre profiler.
 - 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.
 5. Klik på **[Anvend (✅)]**, når du er færdig.
- Profiler, der anvender H.264-codec'en, kan i SD-hukommelsen kun lagres i opløsninger på 640x480 eller mindre.
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 et profilnummer.
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.
 - Opløsning : Indstil videostørrelsen for filer af typen MPEG-4, H.264, og MJPEG.
 - Billedhastighed : Angiver billedhastigheden.
 - Kompression : Angiver komprimeringsgraden for videoen.
 - 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.
 - Mål for bithastighed : Angiver bithastigheden, som du vil overføre videoen med.
 - Kodningsprioritet : Du kan indstille videooverførselsmetoden til Framerate eller Compression.
 - GOP-str. : Vælg en GOP-størrelse mellem 1 og 15.
 - Profil : Du kan vælge profilmetoden H.264.
 - Entropikodning : Reducerer det eventuelle kompressionstab som følge af kodning.
 - Multicast(VNP) : Angiver anvendelse af VNP-protokollen.
 - IPv4 : Angiv en IPv4-adresse, hvormed du kan oprette forbindelse til IPv4-netværket.
 - Port : Angiver videokommunikationsporten.
 - TTL : Indstiller TTL for VNP-pakken.
 - Multicast(RTP) : Angiver anvendelse af RTP-protokollen.
 - IPv4 : 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 GOP-størrelse?

GOP (Group of Pictures - billedgruppe) er et sæt af videobilleder til MPEG-4 og H.264 formatkompression, der angiver en samling af billeder fra det indledende I-billede (nøglebillede) til næste I-billede. GOP 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 indstille mellem 1 og 15 som værdi for MPEG-4 og H.264 CODEC.

opsætningsskærm



- I modsætning til den optiske zoom formindskes kvaliteten af den digitale zoom, når zoomforholdet forøges.
- Auto-fokus-funktionen fungerer måske ikke normalt i følgende situationer :
 - Klar belysning, blinkende lys, som f.eks. et neonskilt
 - Når baggrundsbelysningen er lav
 - Når Slow-Shutter anvendes
 - Mørkt objekt
 - Når baggrundsbelysningen er for kraftig
 - Hvis et motiv på lang afstand og et motiv på kort afstand vises sammen i et overvågningsområde
 - Hvis der ikke er nogen kontrast. f.eks. loft eller væg
 - Hvis kameraet er rettet mod en tynd, vandret linje
- Autofokus fokuserer på et objekt i midten af skærmen. Objekter ved skærmens kanter er muligvis ikke korrekt fokuseret.

Indstilling af hvidbalancen

Menuen til hvidbalance justerer balancen mellem skærmfarverne under forskellige lysforhold. Du kan indstille hvidbalancen separat for tilstanden Dag og Nat.

1. Vælg tilstanden Dag.

2. Vælg en hvidbalance til forholdene i dagtimerne blandt ATW1/ATW2/AWC/3200K/5600K.

- ATW1, ATW2 : Kameraet kan i realtid automatisk justere farvetemperaturen i overensstemmelse med de omgivende betingelser. Det tilladte temperaturområde er mellem 2500K og 9300K for ATW1 og mellem 2000K og 10000K for ATW2.
- AWC : Udfør automatisk hvidbalance én gang for den aktuelle video.
- 3200K : Tilstand der er optimeret til en farvetemperatur på 3200K.
- 5600K : Tilstand der er optimeret til en farvetemperatur på 5600K.

3. Juster styrken ved at vælge en værdi mellem -32 og 32 for hver rød og blå indstilling.

4. Vælg tilstanden Nat.

Vælg en hvidbalance til forholdene i nattimerne blandt ATW1/ATW2/AWC/3200K/5600K/FRA.

Indstiller værdierne for Juster Rød og Juster Blå for hver hvidbalancetilstand.





- Hvis tilstanden NAT er indstillet til <Fra>, fungerer <Hvid Balance> hele tiden i en tilstand specificeret i tilstanden DAG, ellers skifter skærmen til en tilstand specificeret i <Dag/Nat>.
- Hvidbalance fungerer måske ikke korrekt under følgende forhold.
 - Når farvetemperaturen i den miljø, der omgiver motivet, er uden for kontrolområdet.
 - Når den omgivende oplysning af motivet er for svag.
 - Hvis kameraet er rettet mod et fluorescerende lys eller er installeret et sted, hvor belysningen ændres dramatisk, kan hvidbalancejustering muligvis ikke levere ensartede resultater.

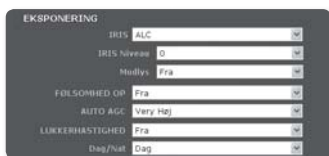
Indstilling af eksponeringen

Eksponeringsindstillingerne styrer kameraets belysningsmåler.

Blændeindstilling

1. Indstil blænden til ALC eller Manual.

- ALC : Du kan indstille både blænde-værdi og modlys i autotilstanden.
- Manual : Du kan indstille blænde-værdien manuelt.



2. Vælg en blænde-værdi mellem -32 og 32.

3. Hvis du indstiller blændetilstanden til ALC, så vælg en blænde-værdi, og indstil modlystilstanden.

Vælg én blandt Fra/BLC/WDR i modlys.

- Fra : Brug ikke modlystilstand.
- BLC : Du kan manuelt angive et ønsket område på videoen og indstille dette område til at blive vist mere tydeligt.
- WDR : Viser en skarpt billede med genstandende i en scene, hvor der er både lyse og mørke områder.

4. Hvis du indstiller modlystilstanden til BLC, kan du konfigurere indstillingerne for modlys.

5. Hvis du indstiller modlystilstanden til WDR, så konfigurer indstillingerne for WDR-Vægt, WDR-Niveau og WDR-hvidbalance.

- WDR-vægt : Vælg én blandt Lav/Mellem/Høj.
- WDR-Niveau : Vælg én mellem -9 og 9.
- WDR-Autohvidbalance : Vælg enten Indendørs eller Udendørs.



- Hvis du indstiller modlystilstanden til BLC, kan du angive et modlysområde.

opsætningsskærm

Følsomhed Op

Med denne mulighed kan du styre kameraets elektriske lukker.

Vælg én blandt Fra/Auto x2 ~ x512 / Fix x2 ~ x512.

- Auto : Denne gendanner lysstyrken ved at samle videobillederne, hvis lukkerhastigheden falder drastisk om natten eller i scener med lav kontrast.
- Fix : Denne samler videobillederne uanset videoens lysstyrke.



- Hvis WDR er indstillet til TIL, kan du ikke indstille Følsomhed Op til <Fix>.

AGC

AGC (Automatic Gain Control) justerer kameraets forstærkningskontrol og skærmens lysstyrke, hvis kameraet har fanget et objekt under ringe lysforhold.



- Menuelementet AGC vises kun, hvis Følsomhed Op er indstillet til <Fra> eller <Fix>.
- Hvis tilstanden DAG/NAT er indstillet til Auto, låses forstærkningen til <Meget Høj>.

Bevægelse

Med Bevægelse kan du justere forstærkningsniveauet i en mørk scene. Det viser også flimmerniveauet i tilstanden Følsomhed Op.

Vælg en blandt Meget Langsom/Langsom/Normal/Hurtig/Meget Hurtig.



- Menuelementet Bevægelse vises kun, hvis Følsomhed op er indstillet til <Auto>.

Lukkerhastighed

Du kan bestemme kameraets lukkerhastighed.

- Vælg én blandt Fra / 1/120 / 1/250 / 1/500 / 1/00 / 1/2000 / 1/4000 / 1/10K.



- Hvis WDR er indstillet til Til, kan du ikke justere lukkerhastigheden.
- Du kan kun indstille lukkerhastigheden, hvis Følsomhed Op er indstillet til <Fra>.

Dag/Nat

Med dag/nat-funktionerne kan kameraet skifte mellem farve- og sort-hvid-tilstandene. Du kan indstille tilstanden Dag/Nat til Auto/Dag/Nat.

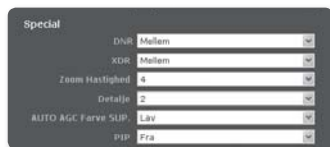
- Mode
 - AUTO : Fungerer det meste af tiden i farvetilstand og skifter til sort-hvid-tilstand, hvis der detekteres ringe lys om aftenen/natten.
 - Dag : Fungerer altid i farvetilstand.
 - Nat : Fungerer altid i sort-hvid-tilstand. Ved at aktivere/deaktivere undermenuen Burst kan burst-signaler bevares eller deaktiveres.

Sådan indstilles Special

DNR (Dynamic Noise Reduction)

DNR reducerer i høj grad mængden af lavluminansstøj.

- Vælg én blandt Fra/Lav/Mellem/Høj/Bruger1~16.



XDR (eXtended Dynamic Range)

XDR oplyser mørkere pletter på et billede, mens det samme lysniveau bevares for lysere pletter for at udjævne billedets generelle lysstyrke med høj kontrast mellem lyse og mørke platter.

- Tilstandene Fra, Lav, Mellem og Høj er tilgængelige.

Zoom Hastighed (1 ~ 4)

Du kan angive zoomhastigheden. Jo større værdi, jo større hastighed.

Detalje (0 ~ 3)

Du kan kontrollere et billedes generelle kontur.

AUTO AGC Farve SUP.

Du kan justere farvegengivelsesområdet i henhold til AGC.

opsætningsskærm

PIP

Du kan få vist et hovedbillede med et underbillede på samme skærm.

Sådan indstilles den private zone.

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

1. Vælg **<Personligt Område>** under **<Område>**.
2. Vælg **<Til>** i **<Personligt område>**.
3. Klik på et område på billedet, og vælg fire hjørnepunkter for at specificere en ønsket zone.
Der vises en pop-up, hvor du indtaster et navn til zonen og klikker på **[OK ()]**.

■ Træk ikke for at specificere en privat zone.

4. For at slette det valgte område skal du klikke på knappen **[Ta bort ()]**.
5. Klik på knappen **[Anvend ()]**, når du er færdig med indstillingen.
 - Du kan angive op til 12 zoner.



Sådan indstilles modlyskompensationsområdet.

1. Indstil **<MODLYS>** til **<BLC>** under **<EKSPONERING>**.
2. Vælg **<BLC>** under **<Område>**, og brug træk og slip-funktionen for at angive et område på eksempelskærbilledet.
3. Dialogboksen Tilføj område vises, hvor du indtaster et navn for området og klikker på **[OK ()]**.
4. For at slette det valgte område skal du klikke på **[Ta bort ()]**.
 - Du kan kun angive ét område.



5. For at få vist det angivne modlysområde skal du vælge **<Fra>**, og modlysområdet vises.
Selv om du indstiller funktionen til **<Til>**, indstilles det faktiske område som normalt.

Audioopstilling

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

1. Vælg fanen <Audio og video ()> i opsætningsmenuen.
2. Klik på <Audioopstilling>.
3. Juster I/O-niveauerne for lyd efter behov.
 - Audio In : Indstil værdien for lydindgangen.
 - Audio Out : Indstil værdien for lydudgangen.
4. Klik på [Anvend ()], når du er færdig.



PTZ-opstil

Du kan ændre objektivet retning og aktivere zoomen.

1. Vælg fanen <Audio og video ()> fra menuen Opsætning.
2. Klik på <PTZ-opstil>.
3. Klik på [Retningsjustering ()].
 - [Skift retning til ()]/()/ ()/()] : Skifter retningen på kameraets objektiv.
 - [Styring af bevægelseshastighed ()] : Jo større tal, jo hurtigere bliver bevægelseshastigheden.



opsætningsskærm

4. Brug knapperne til zoom og fokuseringskontrol.
 - **[Zoom ind ()]** : Zoomer skærmen ind.
 - **[Zoom ud ()]** : Zoomer skærmen ud.
 - **[Juster fokusering ( / )]** : Justerer fokuseringen på skærmen.
5. Indstil forudindstillingen.

Sådan tilføjes en forudindstilling

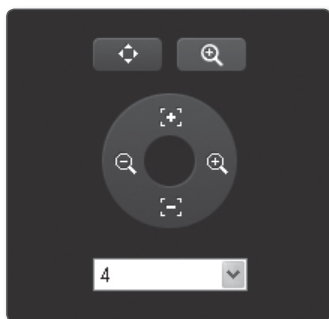
1. Vælg det forudindstillingsnummer, der skal tilføjes.
2. Indstil navnet til forudindstillingen.
3. Tryk på knappen [].

Sådan slettes en forudindstilling

1. Vælg det forudindstillingsnummer, der skal slettes.
2. Tryk på knappen [].

Sådan flyttes et forvalg

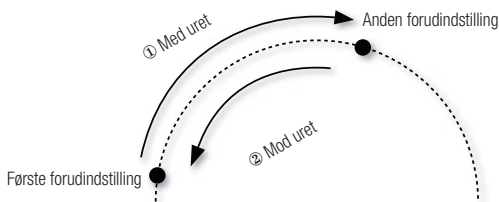
1. Vælg et forvalgsnummer, du vil flytte.
2. Tryk på knappen [].



Sving

Krøjning er en overvågningsfunktion, der flytter dig mellem to forvalgte punkter, så du kan spore bevægelsen.

- Hvis Sving er aktiv, flyttes kameraet fra den første forudindstillede position til den anden forudindstillede position i urets retning. Herefter flytter det tilbage fra den anden position til den første forudindstillede position mod urets retning.



Hvis den første forudindstilling er den samme som den anden forudindstillede position, roterer kameraet 360° med uret og roterer derefter tilbage 360° mod uret. Du kan angive hastigheden til mellem 1°/sek. og 180°/sek.

Sådan konfigureres krøjningsindstillingerne

- Indstil **<Funktion>** i **<Sekvensopstilling>** til **<Krøjning>**.
Menskærmen skifter til den ønskede krøjningsskærm.
- Indstil **<Første forindstil>** og **<Anden forindstil>** for at angive et svingningsområde.
- Angiv bevægelsens hastighed.
- Tryk på knappen [].
Den første forindstilling, anden forindstilling og hviletiden bliver gemt i indstillingstilstand.
- Tryk på knappen [].
Denne udfører den kommando, der er gemt i svingnummeret.
- Tryk på knappen [].
Dette stopper det aktuelle sving.

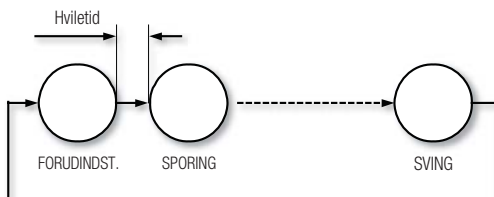


opsætningsskærm

Gruppe

Med gruppefunktionen kan du gruppere flere forindstillinger, sving eller spinger, inden du kalder dem i rækkefølge.

Du kan oprette op til otte grupper, der hver især kan indeholde op til 20 handlinger.



Maks. 20

Sådan indstilles en gruppe

1. Indstil <Funktion> i <Sekvensopstilling> til <Gruppe>.
Menuskærmen skifter til skærmen til indstilling af gruppe.
2. Vælg et gruppenummer.
3. Vælg et indeksnummer mellem 1 og 20.
4. Vælg en handling blandt forudindstillinger, sving og registreringer.
5. Angiv hviletiden mellem 00:04 og 04:00.
6. Hvis du vælger Forudindstilling til handlingen, skal du angive bevægelseshastigheden. Vælger du Sving eller Sporing, skal du angive gentagelsesantallet.
7. Tryk på knappen [Tilføj (+)]. Dine indstillinger indtastes i listen til højre.
8. Gentag trin 3 til 7 herover for at indstille de andre gruppelister.
9. Tryk på [Gem (■)], når du har specificeret alle grupper. Herefter gemmes de netop oprettede grupper i kameraet.



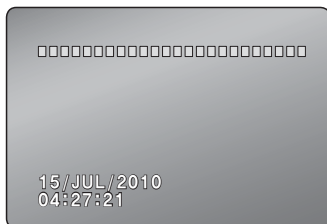
Sporing

Sporingsfunktionen husker sporingen af instruerede bevægelser med joysticken i en bestemt tid og viser den senere til din oplysning.

Du kan anvende op til fire sporinger, og du kan gemme op til 1000 kommunikationsinstruktioner i hver.

Sådan indstilles sporingfunktionen

1. Indstil <Funktion> i <Sekvensopstilling> til <Spor og auto kør>.
Menuskærmen skifter til menuskærmen til PTZ-sporing og autohandling.
2. Vælg et sporingnummer.
3. Tryk på knappen [].
Følgende skærm vil blive vist.
4. Brug joysticken til at oprette et mønster med bevægelser.
Den ledige hukommelseskapacitet vises på statuslinjen.
5. Når du er færdig med mønsteret: Tryk på [Stop optagelse ()].



Sådan aktiveres sporingfunktionen

1. Vælg et sporingnummer.
2. Tryk på knappen [].



opsætningsskærm

Autokør

Dette udfører den handlingssekvens, du har angivet, hvis der ikke sker nogen controller-handling i en vis tid.

Sådan gemmes din autokør

1. Indstil <Funktion> i <Sekvensopstilling> til <Spor og auto kør>.
2. Vælg en tilstand til autokør.
 - Hjem : Kører automatisk handlingen til hjemmepositionen.
 - Forind stilnr. : Kører automatisk handlingen til forvalgsnummeret.
 - Krøjning : Udfører automatisk handlingen i krøjningstilstand.
 - Gruppe : Udfører automatisk handlingen i gruppetilstand.
 - Sporing : Udfører automatisk handlingen i sporingstilstand.
3. Angiv ventetiden mellem 5 sekunder og 4 timer.
4. Tryk på knappen [].



NETVÆRKSOPSÆTNING

Interface

1. Vælg fanen <Netværk ()> i opsætningsmenuen.
2. Klik på <Interface>.
3. Indstil <Interface> og <IPv6-opstil> efter behov.
 - 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, ID og adgangskode.
 - Hvis du indstiller den til <Manuel>, kan du angive IP, Subnet Mask, Gateway samt DNS 1 & 2 manuelt.
4. Klik på [Anvend ()], når du er færdig.



opsætningsskærm

Port

1. Vælg fanen <Netværk ()> 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 web-browseren.
Standardværdien er 80(TCP).
 - VNP-Port : 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.
 - Viser-port : Anvendes til at overføre videoer til Web Viewer, standard er 4520.
 - Portværdierne for Web Viewer skal være mellem 4502 og 4532. Hvis VNP-porten ligger inden for dette område, skal Web Viewer-porten specificeres med samme værdi som VNP-porten.
4. Klik på [Anvend ()], når du er færdig.



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 <Netværk ()> i opsætningsmenuen.
2. Klik på <DDNS>.
3. Vælg <DDNS>.
4. Angiv DDNS-elementerne i henhold til den valgte type.
 - Samsung DDNS : Vælg dette, hvis du bruger DDNS-serveren fra Samsung Techwin.
 - Offentlig DDNS : Vælg en af de angivne offentlige DDNS-servere, når du bruger en offentlig DDNS-server.
 - Hostnavn : Angiv navnet på den vært (dvs. værtsnavnet for DynDNS), der er registreret med DDNS-serveren.
 - Brugernavn : Angiv brugernavnet for DDNS-tjenesten. (dvs. det bruger-id, der er registreret med DynDNS)
 - Adgangskode : Angiv adgangskoden for DDNS-tjenesten. (dvs. den adgangskode, der er registreret med DynDNS)
5. Klik på [Anvend ()], når du er færdig.



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. Angiv produktdomænet.
 - Du skal udføre den dobbelte kontrol for det domæne, du har angivet.



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.



Sådan opretter du forbindelse til Samsung DDNS i kameraopsætning

1. Sæt <DDNS> til <Samsung DDNS> fra DDNS-opsætningssiden.
2. Angiv det <Hostnavn>, som du angav, da du registrerede produktdomænet 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.

opsætningsskærm

IP-filtrering

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

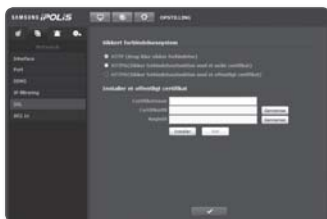
1. Vælg fanen <Netværk ()> i opsætningsmenuen.
2. Klik på <IP-filtrering>.
3. Vælg en <Filtreringstype>.
 - Afvis : Hvis du vælger dette, begrænses adgangen fra de IP'er, der føjes til filtreringen.
 - Tillad : Hvis du vælger dette, accepteres kun adgang fra de IP'er, der føjes til filtreringen.
4. Angiv den IP, som du ønsker at give eller nægte adgang fra.
For IPv4, er standard IP-adressen 0.0.0.0, og standard-prefixet er 32.
5. Vælg ønskede IP-adresser, der skal godkendes eller afvises blandt de indtastede IP-adresser. Kun de udvalgte IP-adresser filtreres fra.
6. Klik på [Anvend ()], når du er færdig.



SSL

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

1. Vælg fanen <Netværk ()> 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>".
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 forbindelsessystem 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 ()].

802.1x

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

1. Vælg fanen <Netværk ()> i opsætningsmenuen.
2. Klik på <802.1x>.
3. Indstil <Indstilling af IEEE 802.1x (EAPOL ved hjælp af EAP-TLS)>.
 - Aktiver IEEE 802.1x : Angiv anvendelse af 802.1x -protokollen.
 - EAPOL-version : Vælg version 1 eller 2.
 - ID de EAPOL : Indtast EAPOL-ID'et.
 - EAPOL-adgangskode : Indtast EAPOL-adgangskoden.



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

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.

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 alarmbillederne til.
 - Bruger-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 alarmbillederne.
 - 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 vil bruge til e-mail-overførslen.
eks.) SMTP.hotmail.com
 - Brug autentificering : Vælg om der skal anvendes godkendelse.
 - Bruger-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 alarmbillederne til den e-mail, du er ved at lave.

4. Klik på **[Anvend (

SD-optag**

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

1. Vælg fanen **<Event (**

Sådan laver du en optagelse til SD-hukommelsen

1. Kontroller **<Totale str.>** og **<Rest. str.>**.
2. Hvis SD-hukommelsen har tilstrækkelig ledig plads, skal du indstille **<Optag>** til **<Til>**. Hvis det ikke er tilfældet, skal du kontrollere de lagrede data, og hvis ikke du mener, 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.
 - Hvis datastørrelsen vokser med tiden, kan der kun lagres 1 fps, selvom du indstiller optagekvaliteten til Full Frame.

- Angiven funktion, der skal udføres, hvis en alarm forekommer.
 - Signalvarighed 1-4 : Vælg, om du vil indstille alarmudgangen, hvis der kommer en alarm, og angiv alarmudgangstiden.
 - E-mail Sending : Angiv brugen af e-mail-overførsel i opsætningen af alarmindgangen.
 - Optag : Angiv brugen af optagelse i opsætningen af alarmindgangen.
 - Gå til for. : Flytter til den angivne forudindstilling ved indstilling af alarmindgangen.
- Klik på [**Anvend** ()], når du er færdig.

Videoanalyse

- Vælg fanen <Event ()> i opsætningsmenuen.
- Klik på <Videoanalyse>.
- Angiv anvendelse af intelligent videoanalyse.
- Indstiller opløsningsværdien og følsomhedsniveauet til detektering af et objekt.

Opløsningsværdi	Objektstørrelse
1	32 med 8x8 pixels
2	24 med 8x8 pixels
3	16 med 8x8 pixels
4	8 med 8x8 pixels
5	1 med 8x8 pixels

- Hvis du indstiller en høj værdi for opløsning, kan kameraet detektere objektets detaljerede bevægelse.

- Indstilling af bevægelsesdetekteringstypen.
Indstilles for at detektere og spore et objekt i bevægelse.
 - Spor : Detekterer et objekt i bevægelse og udfører flere funktioner.
 - Detektion : Detekterer et objekt i bevægelse.
- Indstiller om der skal anvendes yderligere bevægelsesfunktioner eller ej.
Detekterer enhver bevægelse af et objekt, viser videoen med alle ændringer og sporer bevægelsesmønstret.
 - Hvis du vælger <Bevægelse/fast>, kan du vise det tilhørende område, hvor et objekt forsvinder fra skærmen, eller hvor et objekt dukker op og forbliver på skærmen i en angivet tidsperiode.



opsætningsskærm

- Indstiller om bevægelsesfunktionen skal anvendes eller ej.
 - Indstiller aktiveringstiden og -betingelserne.
 - Se "**Alarmindgang 1~8**" om, hvordan du indstiller **<Aktiveringstid>** og **<Aktion>**. (side 80)
 - Når du har valgt **<Til>** for **<intelligensfunktion>**, skal du indstille dit **<Maskeområde>**. Du kan angive op til 4 maskeområder. Klik på skærmen, og træk til det ønskede punkt. Dette indstiller maskeområdet.
For at slette det valgte område: Klik på knappen **[Ta bort (Ta bort)]**.
-  Indstillingen **<Flipfunktion>** under **<Videoopstilling>** må ikke ændres efter indstilling af maskeområdet.
Hvis du ændrer indstillingen **<Flipfunktion>**, når du har indstillet maskeområdet, skal du slette alle eksisterende maskeområder og foretage indstillingen igen.

Tidsplan

Du kan konfigurere, så en begivenhed vil finde sted på et planlagt tidspunkt, uanset den faktiske forekomst af begivenheden.

- Vælg fanen **<Event (Event)>** i opsætningsmenuen.
- Klik på **<Tidsplan>**.

Sådan indstilles timer-begivenheden

- Indstil **<Timer-event-opstil>** til **<Aktiver>**.
- 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.
- Angiv **<Overførselsinterval>**.
- Angiv optagelsesbetingelserne.
 - FTP-sending : Angiv brugen af FTP-overførsel, hvis der indtræffer en begivenhed.
 - Optag : Angiv brugen af optagelse, hvis der indtræffer en begivenhed.
- Klik på **[Anvend (Anvend)]**, når du er færdig.



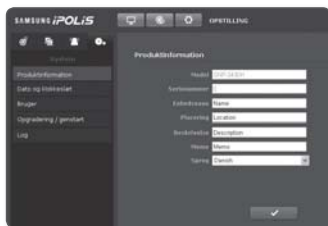
SYSTEMOPSÆTNING

Produktinformation

1. Vælg fanen <System ()> i opsætningsmenuen.
2. Klik på <Produktinformation>.
3. Kontrollér kamerainformationen, eller angiv oplysninger i henhold til dit netværksmiljø.
 - Enhedsnavn : Hvis du vil vise enhedsnavnet på Live-skærmen, skal du angive et enhedsnavn og indstille visningen af <Enhedsnavn> i <OSD> fra <Videoopsætning>.
 - 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 : Vælger sproget, der skal vises i Web Viewer.
4. Klik på [Anvend ()], når du er færdig.



- Produktrelaterede informationer tillader kun engelsk som input.



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 : Synkroniserer klokkeslættet med den tilsluttede PC.
 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-adgangs-kode : Skift den aktuelle adgangskode for administratoren.
 - Gæsteopstilling : Hvis <**Gæsteadgang**> er tilladt, har enhver gæst adgang til Web Viewer-skærmen, men kan kun vise Live viewer-skærmen.
 - Nuværende bruger : Du kan ændre brugerens informationer og justere tilladelsesniveauet for en bruger, som er indstillet til <**Aktiver**>.
 - VIDEO : Du kan vælge en videoprofil i Live viewer-skærmen.
 - Audio In : Lydindgangen aktiveres på Live Viewer-skærmen.
 - Kontrolknapper : Du kan styre kameramenuen, PTZ-, mikrofon- og alarmknappen.
4. Klik på [**Anvend** ()], når du er færdig.



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 : Nulstil alle andre indstillinger end indstillinger af interface/port/DDNS/IP-filtrering.
 - Alle : Nulstiller alle indstillinger, inklusive kameraets indstillinger. (dog vil logininformationen ikke blive nulstillet)
 - Hvis du nulstiller alle indstillinger, får IP-adressen standardværdien 192.168.1.100.
 - Konfigurationssikkerhedskopiering og genoprettelse : Foretager sikkerhedskopiering af de aktuelle systemindstillinger, før gendannelse udføres. Systemet genstarter automatisk efter sikkerhedskopiering eller genoprettelse.
 - Genstart : Genstarter systemet.



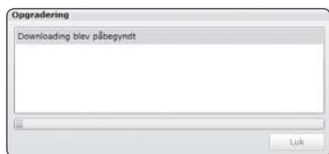
opsætningsskærm

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.

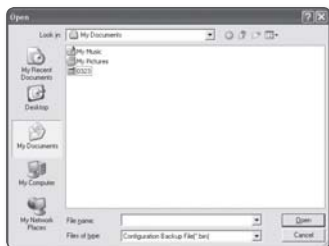


- Hvis du afslutter opgraderingen med magt, vil opgraderingen ikke blive fuldført korrekt.



Sådan gemmer du de aktuelle indstillinger og gendanner indstillingerne for sikkerhedskopiering

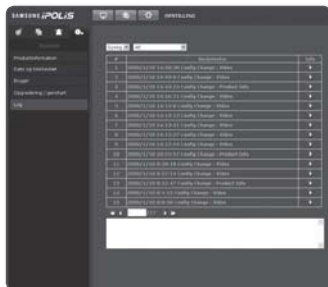
1. Klik på **[Sikkerhedskopiering]**. Dialogboksen Save As vises.
2. Angiv sikkerhedskopieringssti med et korrekt filnavn, og klik på **[Save]**. Den sikkerhedskopierede fil gemmes i den angivne sti med filtypen ".bin".
3. For at gendanne sikkerhedskopieringsindstillingerne skal du klikke på **[Genopret]**.
4. Vælg en sikkerhedskopieringsfil, og klik på **[Open]**.



Log

Du kan kontrollere systemloggen eller begivenhedsloggen.

1. Vælg fanen <System ()> i opsætningsmenuen.
 2. Klik på <Log>.
 3. Vælg en søgningstype.
 - Syslog : Du kan kontrollere systemets logfiler, når der registreres systemændringer, inklusive tidsoplysninger.
 - Evtlog : 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.



h2>SPECIFIKATION

Elementer		Beskrivelse
Video	Billedenhed	1/4" Eksempelvisning 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 (VPS TIL) (Når WDR er aktiv, interlaced scanning)
	Synkronisering	Kun intern
	Frekvens	NTSC : H : 15,734 KHz / V : 59,94 Hz, PAL: H : 15,625 KHz / V : 50 Hz
	Horisontal Opløsning	Farve : 600 tv-linjer
	Mindste belysning	Farve : 0,7 lux (F1,6, 50 IRE), 0,001 lux (Sens-up 512X, 50 IRE) S/H : 0,07 lux (F1,6, 50 IRE), 0,0001 lux (Sens-up 512X, 50 IRE)
	Signal/støjforhold	52 dB
	Videoudgang	CVBS : 1,0 V p-p / 75Ω komposit
Objektiv	Brændvidde (zoomforhold)	3,2~138,5 mm (43X)
	Maks. blænde	F1,6 (vid) / F3,7 (tele)
	Synsviddevinkel	H : 61,2°(vid) ~ 1,47°(tele) / V : 47,2°(vid) ~ 1,1°(tele)
	Mindste afstand til objekt	1 m
	Fokuskontrol	AF / One-Shot AF / Manuel
	Zoombevægelseshastighed	Maks. 3,2 sek. (vid → tele)
	Objektivtype	DC-autoiris
	Fatning	Board-in-type

Elementer		Beskrivelse
Pan / Hæld	Panoreringsområde	360° endeløs
	Panoreringshastighed	Forvalg : 360°/sek., Manuel : 0,05°/sek. ~200°/sek.
	Hældningsområde	180° (0° ~180°)
	Hældningshastighed	Forvalg : 360°/sek., Manuel : 0,05°/sek. ~200°/sek.
	Forudindstilling	255 stk.
Automatisk sporing	Skærmmenu	Engelsk, Webskærmvisning : Engelsk, Fransk, Tysk, Spansk, Italiensk, Kinesisk, Koreansk, Russisk, Japansk, Svensk, Dansk, Portugisisk
	Kameratitel	Til / Fra (op til 32 tegn vises)
	Dag og nat	Auto (ICR) / farve / S-H
	Modlyskompensation	Fra / BLC
	Bredt dynamisk område	NTSC : 128X / PAL : 160X
	Kontrastforbedring	XDR (eXtended Dynamic Range) (Fra/Lav/Medium/Høj)
	Digital støjreduktion	Motion Adaptive 2D+3D-støjfilter (Fra/Lav/Medium/Høj)
	Digital billedstabilisering	Fra / Til
	Bevægelsesdetektering	Ja
	Personlig maske	Fra / Til (12 programmerbare polygonzoner)
	Sens-up (billedintegration)	Fra / Auto (2X ~ 512X)

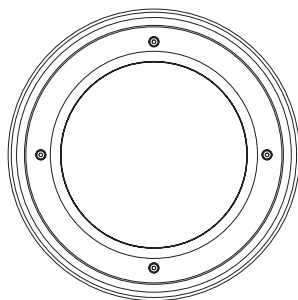
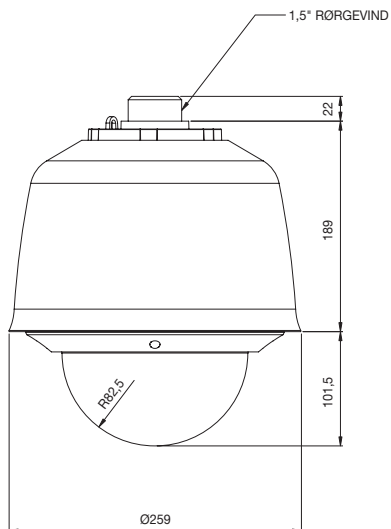
appendiks

Elementer		Beskrivelse
Automatisk sporing	Niveauregulering	Fra / Lav / Medium / Høj / Manuel
	Hvidbalance	ATW (ind) / ATW (ud) / AWC / Manuel
	Elektronisk lukkerhastighed	NTSC : Fra / ANTFL / Manuel (1/120 ~ 1/10 sek.) PAL : Fra / ANTFL / Manuel (1/100 ~ 1/10 sek.)
	Digital zoom	16X
	Vend	Fra / Til
	Profil	-
	VPS	Fra / Til
	Intelligent videoanalyse	Flyttet / fast
	PIP	Fra / Til
	Planlægning	Dag / tidsplan
	Alarm-indgang/udgang	Indgange 8 stk. / Udgange 4 stk. (relæ)
	Fjernstyringsgrænseflade	RS-485
	RS-485-protokol	Samsung-E, Samsung-T, Pelco-D, Pelco-P, Panasonic, GE(Kalatel), AD, Vicon, Honeywell(DKG), Bosch(Philips), Honeywell(VCLTP)
Netværk	Ethernet	RJ-45 (10/100BASE-T)
	Videokomprimeringsformat	H.264, MPEG-4, MJPEG
	Opløsning	NTSC : 704x480, 640x480, 352x240 PAL : 704x576, 640x480, 352x288
	Maks. billedhastighed	NTSC : 30 bill./sek. / PAL : 25 bill./sek.

Elementer		Beskrivelse
Netværk	Justering af videokvalitet	H.264/MPEG-4 : Komprimeringsniveau, kontrol med målbithastighed MJPEG : Kontrol med kvalitetsniveau
	Kontrolmetode til bithastighed	H.264/MPEG-4 : CBR eller VBR MJPEG : VBR
	Stream-mulighed	Flere streams (op til 10 profiler)
	Lydindgang/udgang	Linje ind / Linje ud
	Lydkomprimeringsformat	G.711 μ -law
	Lydkommunikation	2 vejs
	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
	Sikkerhed	HTTPS (SSL) login-godkendelse Digest login-godkendelse IP-adressefiltrering Brugeradgangsslog 802.1X godkendelsesmetode
	Stream-metode	Unicast / Multicast
	Maks. brugeradgang	10 brugere i Unicast-tilstand
	Hukommelsesslot	SD/SDHC-hukommelsesslot
	ONVIF-kompatibel	Ja
	Web Viewer	Understøttede operativsystemer : Windows XP / Vista / 7, Mac OS Understøttede browsere : Internet Explorer 6.0 eller nyere, Firefox, Chrome, Safari
	Central administrationssoftware	NET-i viewer

Elementer		Beskrivelse
Miljø	Driftstemperatur / luftfugtighed	-50 °C ~ +50 °C / 20%~80% relativ luftfugtighed
	Indtrængningsbeskyttelse	IP66 (vandtæt)
Elektrisk	Indgangsspænding/ strøm	Klasse 2 24V~50/60Hz, PoE+ 44~57V
	Strømforbrug	Maks. 20 W (varmer fra), maks. 50 W (varmer til), PoE+ 24W
Mekanisk	Farve / Materiale	Elfenben / Aluminium (hærværkssikker) / Plasticsolskærm
	Dimension (Ø x H)	Ø259 x H290,5 mm
	Vægt	4,5 Kg

PRODUKTOVERSIGT



PROBLEMLØSNING

PROBLEM	LØSNING
Jeg kan ikke få adgang til kameraet fra en webbrowser.	• Kontroller, om kameraets netværksindstillinger er korrekte. • Kontroller, om alle netværkskabler er tilsluttet korrekt. • Hvis tilsluttet med DHCP: Kontroller, om kameraet kan hente dynamiske IP-adresser uden problemer. • Hvis tilsluttet med DDNS UR: Kontroller, om MAC-adresserne er indtastet korrekt. • Hvis kameraet er sluttet til en Bredbånds-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
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 <Opstilling> → <Event> → <SD-optag>.
Kan ikke formatere SD-hukommelseskortet.	• Kontrollér, om beskyttelsestappen på hukommelseskortet står på "LOCK".

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Component Name	License	License URL
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librtsp 1.20	BSD 1.0	

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Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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