

WISeNeT

NÄTVERKSKAMERA

Bruksanvisning

QND-7010R/7020R/7030R

QNO-7010R/7020R/7030R

QNV-7010R/7020R/7030R



Nätverkskamera

Bruksanvisning

Upphovsrätt

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Varumärke

Alla varumärken häri har registrerats. Namnet på den här produkten och övriga varumärken som omnämns i den här manualen är ett registrerat varumärke som tillhör respektive företag.

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❖ Utseendet och specifikationerna kan ändras utan föregående meddelande.

❖ Initialt administratörs-ID är "admin" och lösenordet ska ställas in vid första inloggningen.

Ändra lösenordet var tredje månad för att säkert skydda den personliga informationen och för att förhindra skada från informationsstölden.

Observera att det är ananvändarens ansvar att bibehålla säkerheten och andra problem som orsakas av fel hantering av lösenordet.

VIKTIGA SÄKERHETSANVISNINGAR

1. Läs de här instruktionerna.
2. Behåll de här instruktionerna.
3. Dölj alla varningar.
4. Följ alla instruktioner.
5. Använd inte apparaten nära vatten.
6. Rengör endast med torr trasa.
7. Blockera inga ventilationsöppningar, installera i enlighet med tillverkarens anvisningar.
8. Installera inte nära några värmekällor, såsom element, värmeaggregat, spisar eller motsvarande apparater (inklusive förstärkare) som producerar värme.
9. Bryt inte mot säkerhetsreglerna för den polariserade eller jordade kontakten. En polariserad kontakt har två blad som är bredare än de andra. En jordad kontakt har två blad och ett tredje jordingsstift. Det breda bladet eller det tredje stiftet finns för din säkerhet. Om den medföljande kontakten inte passar i uttaget ska du kontakta en elektriker för att byta det gamla uttaget.
10. Skydda strömsladden från att utsättas för tryck på grund av att du går på den, eller att den kläms, samt skydda bekväma receptorer och den punkt där de går ut ur apparaten.
11. Använd bara tillbehör/accessoarer som specificeras av tillverkaren.
12. Använd bara med kundvagn, stativ, konsol eller bord som specificeras av tillverkaren eller säljs med apparaten. När en kundvagn används ska du vara försiktig när du flyttar kundvagnen/apparaten för att undvika att skada den till följd av att den välter.
13. Koppla från den här apparaten under åskväder eller när den inte används under längre perioder.
14. Överlåt all service åt behörig personal. Service krävs när apparaten har skadats på något sätt, exempelvis då en elsladd eller kontakt har skadats, vätska har spillts ut eller föremål har ramlat ned på apparaten, om apparaten har utsatts för regn eller fukt, inte fungerar normalt eller har fallit.
15. Den här produkten är avsedd att levereras med en UL-listad strömförsörjningsenhet med märkningen "Klass 2" eller "LPS" och är klassificerad från 12 V DC, 0.56 A.
16. Om du använder för mycket kraft vid installation av produkten kan kameran skadas och sluta fungera som den ska.
Om du installerar produkten med tvång, med verktyg som inte är godkända, kan produkten skadas.
17. Installera inte produkten på en plats där kemiska ämnen eller oljeångor förekommer eller kan alstras. Eftersom ätbara oljor, såsom sojabönsolja, kan skada eller förvräda produkten, får du inte installera produkten i köket eller nära köksbordet.
Det kan orsaka skada på produkten.
18. Vid installation av produkten ska du vara försiktig så du inte låter produktens yta fläckas ned av kemiska medel.
Vissa kemiska lösningsmedel, såsom rengöringsmedel eller vidhållningsmedel, kan orsaka allvarlig skada på produktens yta.
19. Om du installerar/demonterar produkten på ett annat sätt än det som rekommenderas kan produktionsfunktionerna/prestandan inte garanteras.
Installera produkten genom att hänvisa till "Installation & anslutning" i bruksanvisningen.
20. Installation eller användning av produkten i vatten kan orsaka allvarlig skada.



VARNING

FÖR ATT MINSKA RISKEN FÖR BRAND OCH ELEKTRISK KORTSLUTNING SKA DU INTE UTSÄTTA PRODUKTEN FÖR REGN ELLER FUKT. FÖR INTE IN NÅGRA METALLFÖREMÅL I VENTILATIONSGALLREN ELLER I ANDRA ÖPPNINGAR PÅ ENHETEN.

Apparaten får inte utsättas för droppar eller fukt och därför skall inte föremål som innehåller vatten, exempelvis vaser, placeras på apparaten.

Produkten måste fästas på ett säkert sätt i väggen/taket och enligt installationsinstruktionerna, för att förhindra skador.

OBSERVERA

	OBSERVERA RISK FÖR ELEKTRISKA STÖTAR ÖPPNA INTE	
OBSERVERA : MINSKA RISKEN FÖR ELEKTRISK KORTSLUTNING. TA INTE BORT SKYDDET (ELLER BAKSIDAN). DET FINNS INGA DELAR INUTI SOM DU KAN REPARERA. ÖVERLÄMNA ALLA REPARATIONER ÅT KVALIFICERAD PERSONAL.		

FÖRKLARING AV GRAFISKA SYMBOLER



Blixtsymbolen med pilsymbol, inom en likformig triangel, är avsedd att varna användaren för att det finns "farlig spänning" inom produktens infattning, som är tillräckligt stark för att utföra en risk för att personer ska utsättas för kortslutning.



Utopstecknet inom en likformad triangel är avsett att informera användaren om att det finns viktiga drifts- och underhållsanvisningar (service) i litteraturen som medföljer produkten.

Klass I konstruktion

En apparat med KLASS I konstruktion ska anslutas till ett jordat EL-uttag.

Batteri

Batterier (löstagbart batteri eller installerat) får inte utsättas för extrem hetta, t.ex. direkt solljus eller eld.

Frånkopplingsenhet

Koppla från kontakten från apparaten om den är trasig. Kontakta en reparatör som finns i närheten.

Om du befinner dig utanför USA kan det användas en HAR-kod från en godkänd myndighet som är engagerad i tillbehörsmontering.

OBSERVERA

Explosionsrisk om batteriet ersätts med ej korrekt sort.
Kassera använda batterier enligt instruktionerna.

De här serviceanvisningarna ska bara användas av kvalificerad servicepersonal.
För att minska risken för elektrisk kortslutning ska du inte utföra någon annan service än den som finns i användaranvisningarna om du inte är behörig för det.

Använd ingångsströmmen med bara en kamera och koppla bort alla andra enheter.

ITE ska endast anslutas till PoE-nätverk utan dirigering till den yttre anläggningen.

Läs följande rekommenderade säkerhetsföreskrifter noggrant.

- Placera inte den här apparaten på en ojämn yta.
- Installera inte på en yta där den utsätts för direkt solljus, nära värmeaggregat eller på en mycket kall plats.
- Placera inte den här apparaten i närheten av ledande material.
- Försök inte utföra service på apparaten själv.
- Ställ inte ett glas vatten på produkten.
- Installera inte produkten nära några magnetiska källor.
- Blockera inte ventilationsöppningarna.
- Placera inte tunga föremål på strömsladden.
- Använd skyddshandskar när du monterar/nedmonterar kameran.
Den höga temperaturen på kamerans yta kan orsaka brännskador.

Bruksanvisningen är en vägledningsbok för hur du använder produkterna.

Användarsymbolerna i boken har följande betydelser.

- Referens : När det gäller att erbjuda information för att fungera som en hjälp för produktanvändning
 - Obs : Om det finns någon risk för skador på produkter eller den mänskliga hälsan om anvisningarna inte följs
- ✖ Läs den här manualen av säkerhetsskäl innan du använder produkterna och förvara den på en säker plats.

I vissa installationsmiljöer kan det förekomma störningar i radiokommunikationen.
När störningar av elektromagnetiska vågor uppstår mellan produkten och radiokommunikationsenheten rekommenderar vi att hålla dessa två på visst avstånd eller att rikta mottagarantennen åt ett annat håll.

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PRODUKTEGENSKAPER

- **Damm-/vattenresistent (IP66) (QNO-7010R/7020R/7030R, QNV-7010R/7020R/7030R)**
Den damm- och vattenresistenta designen gör att du med enkelt kan installera produkten utomhus eller exponera den för regn.
- **IR-läge**
Om IR-indikatorn slås på växlar produkten till IR-läge för att förhindra ett objekt från att bli för ljus, vilket hjälper dig identifiera objektet på nära avstånd.
- **Har stöd för videor med upplösning på 4 megapixel**
- **Multi-Streaming**
Den här nätverkskameran kan visa videos i olika upplösningar och kvaliteter samtidigt genom att använda olika CODECs.
- **Webbläsarbaserad övervakning**
Använda Internet-webbläsaren för att visa bilden i en lokal nätverksmiljö.
- **Alarm**
Då en händelse inträffar skickas antingen en video till den e-postadress som användaren har registrerat, till FTP-servern, sparas på Micro SD-minneskortet eller NAS-enheten, eller så skickas en signal till utgångsterminalen för avisering.
- **Manipuleringslarm**
Upptäcker manipuleringsförsök på videoövervakning.
- **Funktion för detektering av defokusering**
Detekterar defokusering i kamerans objektiv.
- **Rörelsedetektering**
Upptäcker rörelser från kamerans videoingång.
- **Automatisk detektering av fränkopplade nätverk**
Detekterar nätverksfränkopplingar innan den utlöser en händelse.
- **ONVIF-efterlevnad**
Den här produkten stöder ONVIF Profil S&G.
För mer information, se www.onvif.org.



REKOMENDERADE DATORSPECIFIKATIONER

- Processor : Intel(R) Core(TM) i7 3.4 GHz och senare
- Operativsystem som stöds : Windows 7, 8.1, 10, Mac OS X 10.9, 10.10, 10.11
- **Kostnadsfri plugin-webbvisare**
Webbläsare som stöds : Google Chrome 47, MS Edge 20
- **Plugin-webbvisare**
Webbläsare som stöds : MS Explorer 11, Mozilla Firefox 43, Apple Safari 9 Endast stöd i Mac OS X.
- VGA : PCIe 256 MB GDDR3-grafikkort eller senare

SPECIFIKATIONER FÖR REKOMMENDERADE MICRO SD/SDHC/SDXC MINNESKORT

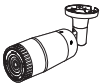
- Rekommenderad kapacitet : 4 GB ~ 128 GB (uhs-1-klass)
- För din kamera rekommenderar vi att du använder ett minneskort från följande tillverkare:
Micro SD/SDHC/SDXC-minneskort : Sandisk, Transcend

REKOMMENDERADE SPECIFIKATIONER FÖR NAS

- Rekommenderad kapacitet : 200 GB eller mer rekommenderas.
- För den här kameran rekommenderas användning av en NAS-enhet med följande tillverkarspecifikationer.
Rekommenderade produkter : QNAP NAS, Synology NAS

VAD INGAR

Kontrollera om kameran och tillbehören är inkluderade i produktförpackningen.
(Tillbehören kan variera med land.)

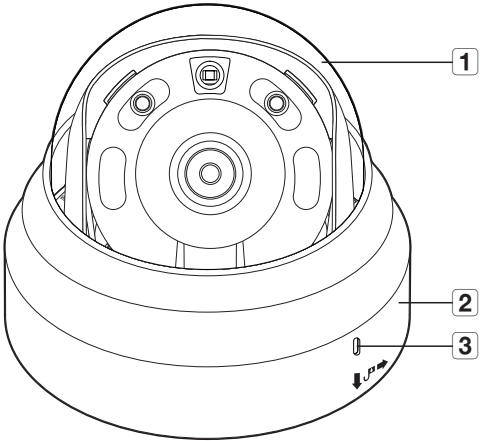
Utseende	Artikelnamn	Kvantitet	Beskrivning	Modellnamn
	Kamera	1		QND-7010R/7020R /7030R
		1		QNO-7010R/7020R /7030R
		1		QNV-7010R/7020R /7030R
	Snabbguide (tillval)	1		Användning för alla modeller
	Mall	1	Produktinstallationsguide	Användning för alla modeller
	Strömterminalblock	1	Anslutit strömkontakten	QND-7010R/7020R /7030R, QNV-7010R/7020R /7030R
	Maskinskravar	2	Används för montering av skyddskåpan vid installation av produkten på rör, väggmontering etc. eller vid blockering av hål.	QND-7010R/7020R /7030R, QNV-7010R/7020R /7030R
	Sextaktsnyckel	1	Använda för att styra kamerans riktning / Används för att ta bort och sätta tillbaka kupolhöljet	QNO-7010R/7020R /7030R, QNV-7010R/7020R /7030R

Utseende	Artikelnamn	Kvantitet	Beskrivning	Modellnamn
	Självgångande skruv	2	Används för installation på väggen eller i taket	QND-7010R/7020R /7030R, QNV-7010R/7020R /7030R
		3		QNO-7010R/7020R /7030R
	Larmkabel	1	Används vid anslutning till larm	QND-7010R/7020R /7030R
	RJ45 vattentätt tillbehör	1	Används för installation på fuktiga platser	QNO-7010R/7020R /7030R
	Solskydd	1	Det skyddar kameran mot direkt solljus.	QNO-7010R/7020R /7030R
	Solskyddshållare	1	Håller fast solskyddet på kameran.	QNO-7010R/7020R /7030R
	Korttyp med fuktabsorbering	3	Inkopplad när installerad.	QNO-7010R/7020R /7030R
		1		QNV-7010R/7020R /7030R
	Strömkabel	1	Används för att ansluta till strömporten	QNV-7010R/7020R /7030R
	Ljud-/larmkabel	1	Används för att ansluta till ljud- och larmporten	QNV-7010R/7020R /7030R
	Kabelnav	1	Används för att ansluta LAN-kabeln med en diameter på Ø7~8,5.	QNV-7010R/7020R /7030R

Utseende	Artikelnamn	Kvantitet	Beskrivning	Modellnamn
	Plastförankring	2	För åtdragning av en skruv som sitter iskruvad i ett hål (förstärkt åtdragningsmoment)	QNV-7010R/7020R /7030R
Alternativ (medföljer ej)				
	Fäste för montering på stång		Cylinderformat fäste för montering på stång.	QNO-7010R/7020R /7030R

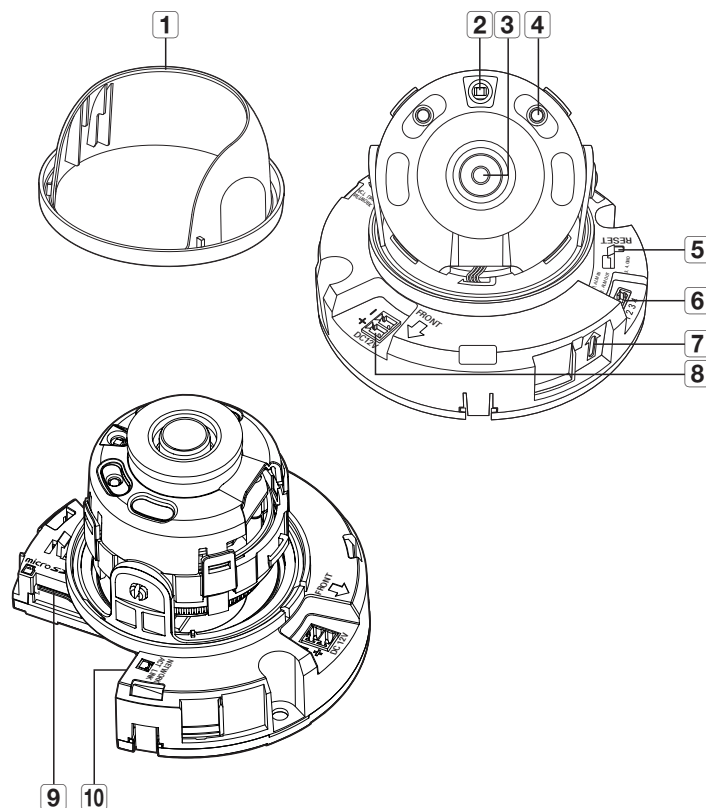
ÖVERGRIPANDE ÖVERSIKT (QND-7010R/7020R/7030R)

Utseende



Post	Beskrivning
1 Kupolskydd	Höljeskydd som används för att skydda objektivet och huvudenheten.
2 Kamerahölje	Kåpa som täcker kamerahuset.
3 Uttag för mikrofon	Mikrofonen är inbyggd.

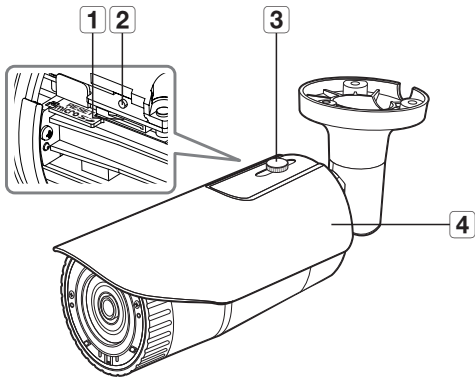
Komponenter



Post	Beskrivning	
1 Hölje på insidan	Skyddshölje för huvudenheten.	
2 Ljussensor	Detekterar inkommande ljus för att kontrollera IR-LED.	
3 Objektiv	Kameraobjektiv.	
4 IR-LED	Dessa infraröda LED-lampor kontrolleras av ljussensorn.	
5 Återställningsknapp	Knappen återställer alla kamerainställningar till fabriksstandardinställningar. Håll nedtryckt i 5 sekunder för att starta om systemet. i Om du återställer kameran justeras nätverksinställningarna så att DHCP kan aktiveras. Om det inte finns någon DHCP-server i nätverket, måste du köra programmet Device Manager för att ändra de grundläggande nätverksinställningarna som IP-adress, Subnätmask, Gateway, osv. innan du kan ansluta till nätverket.	
6 Alarm I/O-port	ARM-IN	Används för att ansluta sensorn för larmgång eller den externa dag/natt-sensorn.
	ARM-OUT	Används för att ansluta utgående alarmsignal.
	GND	Dessa är gemensamma portar för anslutning av larmgångs-/utgångssignaler.
7 Uttag för mikrofon	Mikrofonen är inbyggd.	
8 Strömport	Port för strömterminalblock.	
9 Micro SD-minneskortplats	Fack för Micro SD-minneskort.	
10 Nätverksport	Används för att ansluta PoE- eller Ethernet-kabeln för nätverksanslutning.	

ÖVERGRIPANDE ÖVERSIKT (QNO-7010R/7020R/7030R)

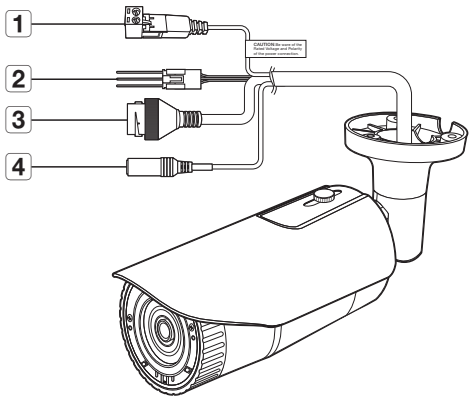
Utseende



Post	Beskrivning
1 Micro SD-kortplats	(Invändigt utrymme i produkten) Det här är ett fack där du kan sätta i Micro SD-kortet.
2 Återställningsknapp	Knappen återställer alla kamerainställningar till fabriksstandardinställningar. Håll nedtryckt i 5 sekunder för att starta om systemet. i Om du återställer kameran justeras nätverksinställningarna så att DHCP kan aktiveras. Om det inte finns någon DHCP-server i nätverket, måste du köra programmet Device Manager för att ändra de grundläggande nätverksinställningarna som IP-adress, Subnätmask, Gateway, osv. innan du kan ansluta till nätverket.
3 Solskyddshållare	Håller fast solskyddet på kameran.
4 Solskydd	Det skyddar kameran mot direkt solljus.

-  ■ Torka av den smutsiga ytan på linsen försiktigt med en servett eller trasa som du har fuktat med ethanol.

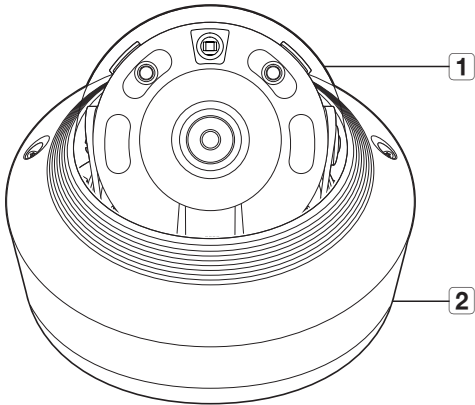
Komponenter



Post	Beskrivning	
1 Strömport	Används för att koppla in strömkabeln.	
2 Alarm I/O-port	ARM-OUT	Används för att ansluta utgående alarmsignal.
	GND	Dessa är gemensamma portar för anslutning av alarmgångs-/utgångssignaler.
	ARM-IN	Används för att ansluta sensor för larmgång eller den externa dag/natt-sensorn.
3 Nätverksport	Används för att ansluta PoE- eller Ethernet-kabeln för nätverksanslutning.	
4 Audio in-uttag	Används för anslutning till en mikrofon.	

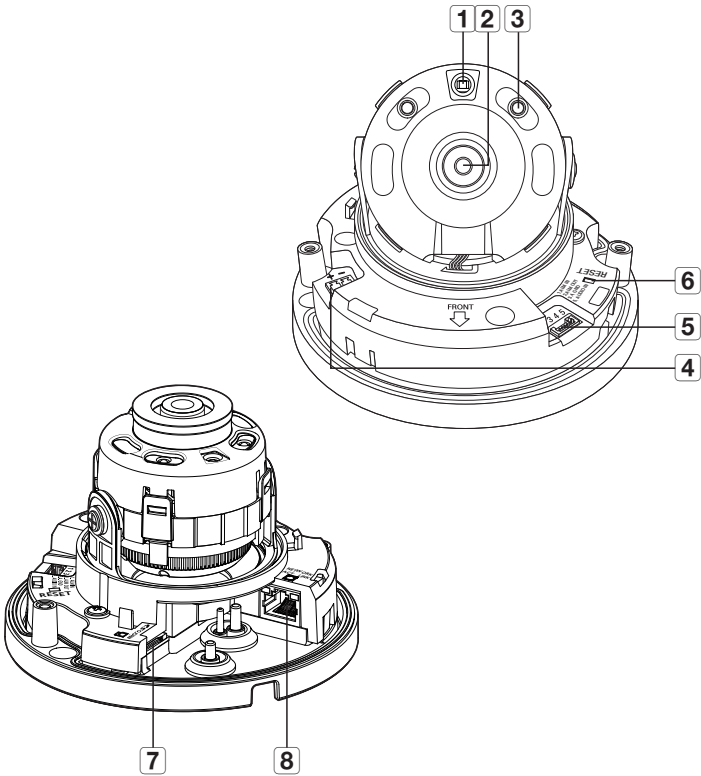
ÖVERGRIPANDE ÖVERSIKT (QNV-7010R/7020R/7030R)

Utseende



Post	Beskrivning
1 Kupolskydd	Höljeskydd som används för att skydda objektivet och huvudenheten.
2 Kamerahölje	Kåpa som täcker kamerahuset.

Komponenter



Post	Beskrivning
1 Ljussensor	Detekterar inkommande ljus för att kontrollera IR-LED.
2 Objektiv	Kameraobjektiv.
3 IR-LED	Dessa infraröda LED-lampor kontrolleras av ljussensorn.
4 Strömport	Port för strömterminalblock.
5 Ljud- och larmkabelport	En terminal för anslutning av ljud- och larmkablar för att ansluta till en extern larmenhet/mikrofon.
6 Återställningsknapp	Knappen återställer alla kamerainställningar till fabriksstandardinställningar. Håll nedtryckt i 5 sekunder för att starta om systemet. ■ Om du återställer kameran justeras nätverksinställningarna så att DHCP kan aktiveras. Om det inte finns någon DHCP-server i nätverket, måste du köra programmet Device Manager för att ändra de grundläggande nätverksinställningarna som IP-adress, Subnätmask, Gateway, osv. innan du kan ansluta till nätverket.
7 Micro SD-minneskortplats	Fack för Micro SD-minneskort.
8 Nätverksport	Används för att ansluta PoE- eller Ethernet-kabeln för nätverksanslutning.

INSTALLATION (QND-7010R/7020R/7030R)

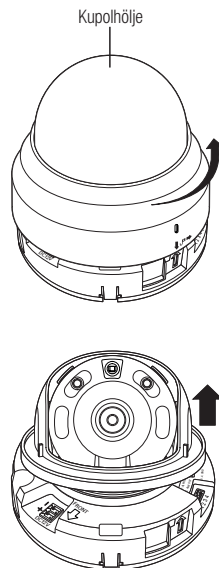
Föreskrifter före installation

Se till att läsa följande anvisningar innan du installerar kameran:

- Den måste monteras på en plats (innertak eller vägg) som tål en vikt fem gånger tyngre än kameran inklusive monteringskonsolen.
- Instuckna eller avskalade kablar kan orsaka skada på produkten eller brandrisk.
- Av säkerhetsskäl ska du hålla alla borta från installationsplatsen.
Plocka även för säkerhets skull bort personliga tillhörigheter från platsen.

Demontera

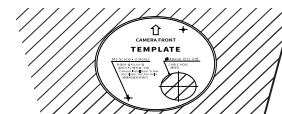
1. Håll i kamerans nedre del med ena handen och vrid skyddet motsols med andra handen för att lossa det.



2. Lyft upp det inre skyddet för att ta bort det.

Installation

1. Fäst monteringsmallen på den plats du har valt och gör tre hål enligt anvisningar på bilden.



2. Använd de 2 medföljande gängade skruvarna och fäst kameran i de två hålen enligt mallen.

- Rikta kameran så att texten < ↑ > på kameran är vänd mot övervakningsområdet.

3. Anslut kamerans interna terminal till motsvarande kabel.

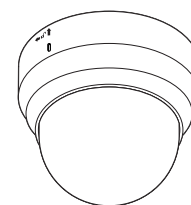
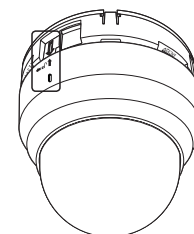
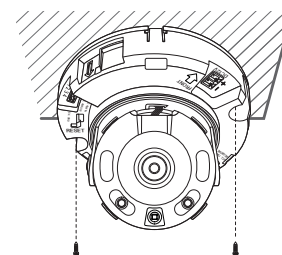
4. Ställ in objektivet i önskad riktning enligt avsnittet **"Justera monteringsriktningen för kameran"**, (sidan 17)

- ! ▪ Vi avråder från att ta på linsen eftersom kameraobjektivet har fått sitt fokus noggrant inställt under det sista steget i tillverkningsprocessen. Om du gör det kan objektivet bli ofokuserat eller få smutsfläckar.

5. Anslut det inre höljet till huvudenheten.

6. Fatta tag i kamerans undersida och skjut höljet med den andra handen tills pilarna hamnar mitt emot varandra, som på bilden.

- ! ▪ Montera kupolkåpan genom att justera pilarna så att de möts och tryck sedan ned kåpan med ett stadigt tryck.
Om kupolskyddet roteras under monteringen eller om det monteras felaktigt kan diffus reflexion uppstå, eller så kan objektivdelen rotera vilket kommer att ändra fotograferingsräckvidden.
- Kontrollera att kupolen är korrekt fastsatt i kamerans botten enligt bilden.
Om den inte har tryckts dit korrekt kan kupolen falla och orsaka skador.



INSTALLATION (QNO-7010R/7020R/7030R)



- Den här kameran är vattentät och uppfyller IP66-specifikationerna, men uttaget anslutet till den externa kabeln gör det inte. Vi rekommenderar att du installerar den här produkten under kanten på takskägget för att förhindra att kabeln utsätts för väder och vind.

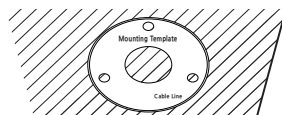
Föreskrifter före installation

Se till att läsa följande anvisningar innan du installerar kameran:

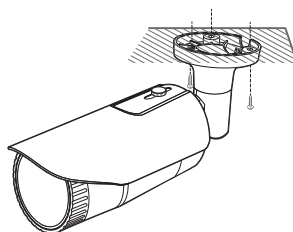
- Den måste monteras på en plats (innertak eller vägg) som tål en vikt fem gånger tyngre än kameran inklusive monteringskonsolen.
- Instuckna eller avskalade kablar kan orsaka skada på produkten eller brandrisk.
- Av säkerhetsskäl ska du hålla alla borta från installationsplatsen. Plocka även för säkerhets skull bort personliga tillhörigheter från platsen.

Installation

- Fäst monteringsmallen på önskad plats och gör 3 hål av samma storlek som visas på bilden nedan.



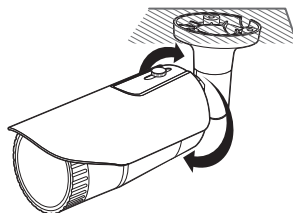
- Sätt i och skruva fast de tre medföljande, gängade skruvarna i de tre hålen så att kameran sitter fast ordentligt.
- Anslut lämpliga kablar med kameraterminalerna.



- Justera kamerariktningen med den medföljande L-nyckeln.

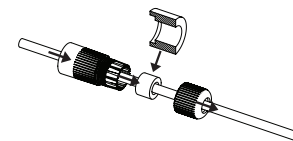


- När du justerar kamerapositionen med ett fäste ska du lossa skruven för fästet, justera kameran och spänna skruven. Om du försöker justera den med tvång när skruven sitter spänt, kan det orsaka repor och andra skador.

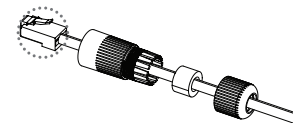


Så här ansluter du den vattentäta RJ45-kabeln till en LAN-kabel

- För in den i pilens riktning.



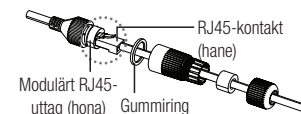
- Anslut LAN-kontakten (hane) till kabeln.



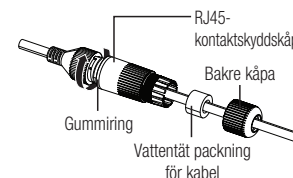
- Anslut det modulära RJ45-uttaget (hona) till RJ45-kontakten (hane).



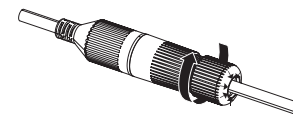
- Håll delarna separerade.



- Montera genom att rotera det modulära RJ45-uttaget (hona) och RJ45-kåpan moturs (i pilens riktning).



- Montera genom att rotera RJ45-kåpan och bakre kåpan moturs (i pilens riktning). När bakre kåpan är monterad är kabelns vattentäta packning monterad i kabeln för att göra den vattentät.



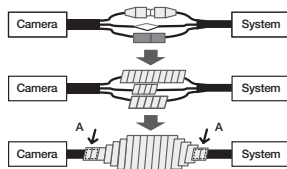
- Du måste montera den helt för att rotera bakre kåpan upp till slutet av skruvgången på RJ45-kontakten.

Utomhusinstallation

När du installerar den utanför byggnaden, gör den vattentät med vattentät butylgummitejp (finns att köpa i handeln) så att vatten inte läcker från hålet där kabeln är ansluten till utsidan.

1. Anslut kablarna för ström, I/O, Ljud och LAN.
2. Vira vattentät (butylgummi-) tejp runt den svarta kabelmanteln (Område A) och kabelanslutningsområdet så att mer än hälften av teipen överlappar lagret under.

- ! ■ Om kabelmanteln inte är riktigt vattentät kan det uppstå direkt läckage. Se till att skydda kabeln med ett tjockt lager av tejp.
- Vattentät butyltejp är tillverkad av butylgummi som kan sträckas ut till dubbla längden.



INSTALLATION (QNV-7010R/7020R/7030R)

- ! ■ Den här kameran är vattentät och uppfyller IP66-specifikationerna, men uttaget anslutet till den externa kabeln gör det inte. Vi rekommenderar att du installerar den här produkten under kanten på takskägget för att förhindra att kabeln utsätts för väder och vind.

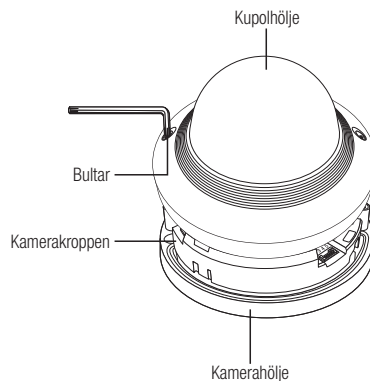
Föreskrifter före installation

Se till att läsa följande anvisningar innan du installerar kameran:

- Den måste monteras på en plats (innertak eller vägg) som tål en vikt fem gånger tyngre än kameran inklusive monteringskonsolen.
- Instuckna eller avskalade kablar kan orsaka skada på produkten eller brandrisk.
- Av säkerhetsskäl ska du hålla alla borta från installationsplatsen. Plocka även för säkerhets skull bort personliga tillhörigheter från platsen.

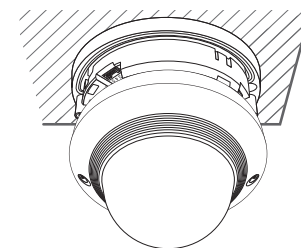
Demontera

1. Vrid de 2 fästbultarna medurs på kupolen med hjälp av den medföljande sexkantnyckeln när du vill ta bort plattan.



Installation

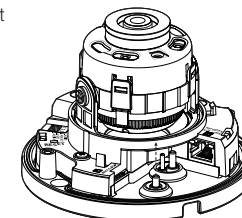
1. Använd den medföljande mallen som tillbehör, borra skruvmonteringshålet (diameter på 6 mm, minimalt djup på 55 mm) och för in plastförankringen som medföljer i änden.
2. Passa undersidans hål med plugghålet och sätt in och fixera skruven (M4.5xL50).
3. Anslut och ordna nödvändiga kablar så att de inte skadas eller vrids medan kameran installeras.
4. Ställ in objektivet i önskad riktning enligt avsnittet "**Justera monteringsriktningen för kameran**". (sidan 17)
5. Stäng kupolhöljet.
 - Använd sexkantnyckeln för att skruva fast bultarna ordentligt så att vatten inte läcker in.



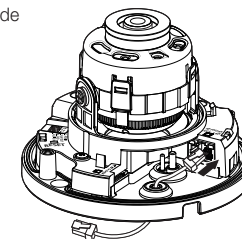
Ansluta LAN-kabeln

1. Ta bort kupolhöljet och lådan.
2. Dra ut den långa utskjutande delen av gummipluggen i botten och ta bort den enligt anvisningarna i figuren.

- ! ■ Använd ett lämpligt kabelnav för att ansluta LAN-kabeln.
- Grundkamera : Använd kabeln med en diameter på Ø5~6.5.
 - Komponenter som erbjuds: Använd kabeln med en diameter på Ø7~8.5.

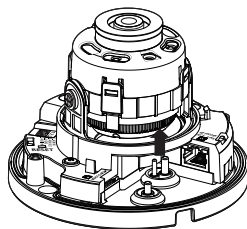


3. För in LAN-kabeln i det stora hålet som skapats genom att den utskjutande delen av gummipluggen togs bort i steg 2 ovan.
4. Ta bort höljet med en kabelskalare och lägg ledarna rätt.
5. Anslut LAN-kabeln till en LAN-kontakt och för in den i LAN-verktyget (the LAN tool).
6. Anslut den färdiga kabeln till Ethernetporten.

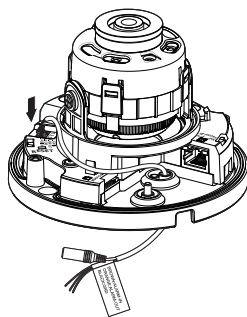


Ansluta ljud-/larmkabeln och strömkabeln

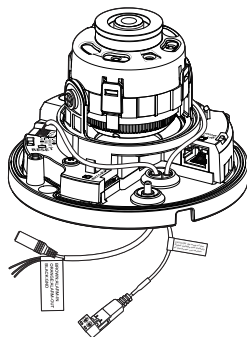
1. Ta bort kupolhöljet och lådan.
2. Dra ut gummipluggen i botten enligt anvisningarna i figuren.



3. Stick igenom larm- och ljudkabeln genom det hål som skapades när du tog av gummi hatten i nr. 2 och anslut kabeln till terminalen.
4. Lägg kabeln rätt så att den inte skadas eller blir klämd när du installerar kameran.
5. Sätt i gummi hatten i hålet.



6. Sätt i strömkabeln i det lilla hålet genom den långa, utkarvade skåran.
7. Anslut strömkabeln till strömterminalen.
8. Ställ in objektivet i önskad riktning enligt avsnittet "**Justera monteringsriktningen för kameran**". (sidan 17)
9. Fäst kupolhöljet.



Montera till den ej medföljande adaptern

Välj och köp ett av de följande, nödvändiga alternativen (medföljer ej) som passar installationsplatsen eller för din bekvämlighet.

1. Ta bort kupolhöljet från lådan enligt anvisningarna i sektionen "**Demontera**". (sidan 15)
2. Använd de medföljande maskinskruvorna för att fixera kamerahöljet till den ej medföljande adaptern.
3. Anslut och ordna nödvändiga kablar så att de inte skadas eller vrids medan kameran installeras.
4. Installera kamerakroppen i omvänd ordning av "**Demontera**".
5. Ställ in objektivet i önskad riktning enligt avsnittet "**Justera monteringsriktningen för kameran**". (sidan 17)
6. Stäng kupolhöljet.
 - Använd sexkantnyckeln för att skruva fast bultarna ordentligt så att vatten inte läcker in.

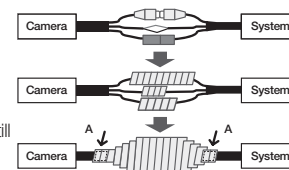
Utomhusinstallation

När du installerar den utanför byggnaden, gör den vattentät med vattentät butylgummitejp (finns att köpa i handeln) så att vatten inte läcker från hålet där kabeln är ansluten till utsidan.

1. Anslut kablarna för ström, I/O, BNC och LAN.
2. Vira vattentät (butylgummi-) tejp runt den svarta kabelmanteln (Område A) och kabelanslutningsområdet så att mer än hälften av tejpens överlappar lagret under.



- Om kabelmanteln inte är riktigt vattentät kan det uppstå direkt läckage. Se till att skydda kabeln med ett tjockt lager av tejp.
- Vattentät butyltejp är tillverkad av butylgummi som kan sträckas ut till dubbla längden.

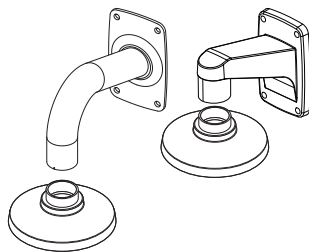


Tillbehör för installation

För enklare installation kan du köpa lämpliga tillbehör som finns tillgängliga.

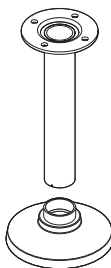
1. ADAPTER FÖR VÄGGMONTERING (SBP-300WM eller SBP-300WM1)/HÄNGANDE MONTERING (QND-7010R/7020R/7030R : SBP-300HM8)

Den här adaptern används när du installerar den hängande kameran på en vägg.



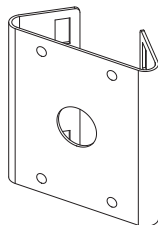
2. ADAPTER FÖR TAKMONTERING (SBP-300CM) / HÄNGANDE MONTERING (QND-7010R/7020R/7030R : SBP-300HM8)

Den här adaptern används när du installerar kameran i taket.



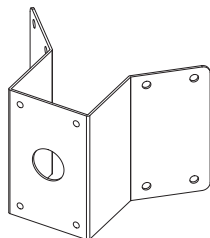
3. ADAPTER FÖR PÅLMONTERING (SBP-300PM)

Det här är en adapter för VÄGGMONTERING (SBP-300WM eller SBP-300WM1) för pålinstallation vars diameter är större än 80 mm.

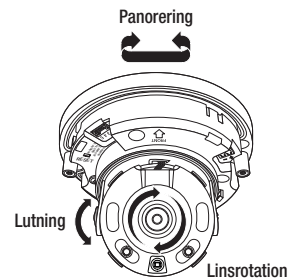


4. ADAPTER FÖR HÖRNMONTERING (SBP-300KM)

Det här är en adapter för VÄGGMONTERING (SBP-300WM eller SBP-300WM1) för installation i ett hörn.



Justera monteringsriktningen för kameran (QND-7010R/7020R/7030R, QNV-7010R/7020R/7030R)



Justera övervakningsriktning

Du kan endast ställa in kamerariktningen när kameran är fixerad till taket.

Att rotera kameraenheten till vänster eller höger kallas Panorering, ställa in lutningen kallas Lutning och vrida objektivet runt sin egen axel kallas Roterat.

- Det effektiva panoreringsintervallet är totalt 350 grader.
- Det effektiva rotationsintervallet är totalt 355 grader.
- Det effektiva lutningsintervallet är totalt 67 grader.



- Bilden kan eventuellt täckas över av kamerallådan beroende på vinkeln.
- Vrid inte fokus-/zoomlinsen med våld efter att kupollådan har monterats bort. Annars kan det orsaka felaktig fokus på grund av ett motorfel.

Justeringsmetoder

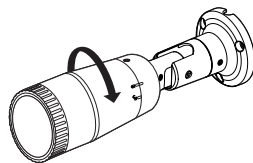
1. Efter att kameran har installerats ska du ställa in panoreringsvinkeln enligt övervakningsriktningen.
2. Ställ in den horisontella vinkeln så att bilden inte blir omvänd.
3. Ställ in lutningsvinkeln så att kameran tittar mot övervakningsobjektet.

MATA IN/MATA UT MICRO SD-MINNESKORT

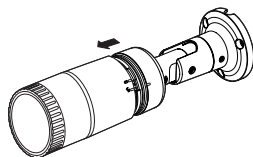
- ! ■ Koppla från strömkabeln från kameran innan du matar in Micro SD-minneskortet.
- För inte in Micro SD-minneskortet upp och ned med tvång. Annars kan du skada SD-minneskortet.
- När det regnar eller om luftfuktigheten är hög rekommenderar vi inte att du matar in eller ut Micro SD-kortet.
- Demontering av produktkåpan ska slutföras inom 5 minuter, annars finns det risk för invändig kondens.

Mata in ett Micro SD-minneskort (QNO-7010R/7020R/7030R)

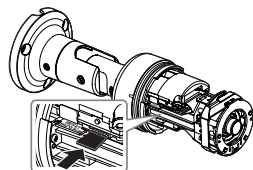
1. Vrid framsideshöljet till LÅS UPP [].



2. Dra ut och dela på främre kåpan.

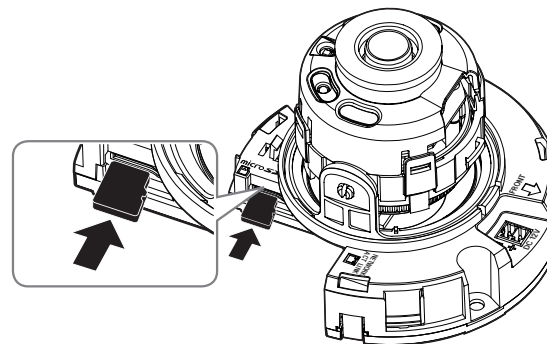


3. Mata in ett Micro SD-kort i pilens riktning så som visas på bilden.

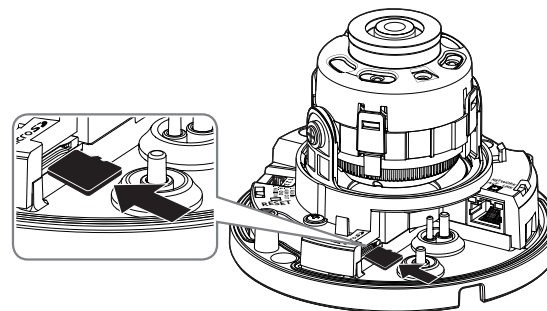


Mata in ett Micro SD-minneskort (QND-7010R/7020R/7030R, QNV-7010R/7020R/7030R)

1. Dela på den kupolformade kåpan för kameran.
2. Mata in ett Micro SD-kort i pilens riktning så som visas på bilden.



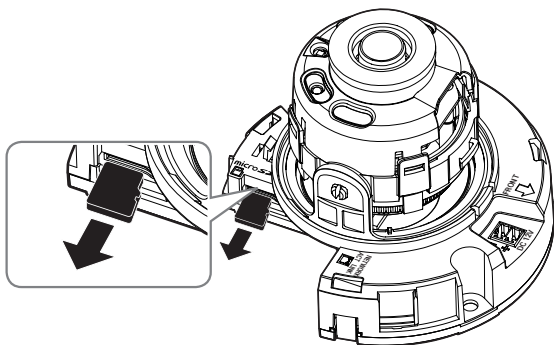
<QND-7010R/7020R/7030R>



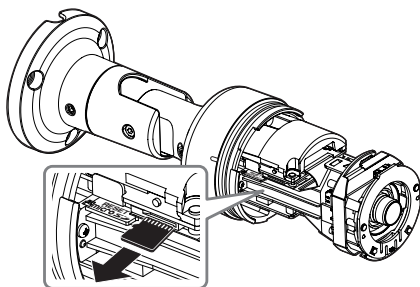
<QNV-7010R/7020R/7030R>

Mata ut ett Micro SD-minneskort

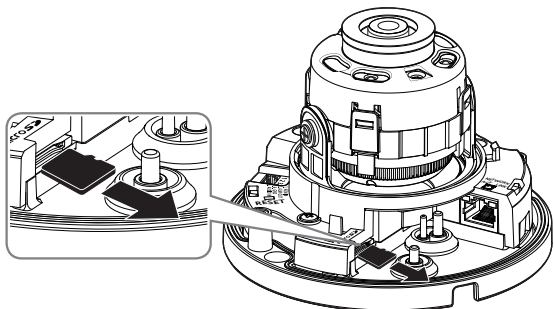
Tryck försiktigt nedåt på minneskortet så som visas i diagrammet för att mata ut det ur kortplatsen.



<QND-7010R/7020R/7030R>



<QND-7010R/7020R/7030R>



<QNV-7010R/7020R/7030R>



- Om du trycker för hårt på Micro SD-minneskortet kan det göra att kortet kommer ut okontrollerat ur kortplatsen när det matas ut.
- Stäng av kameran eller gå in på <Lagring>, stäng av enheten och tryck på knappen [Tillämpa (Tillämpa)] innan micro SD-minneskortet tas ut.
- Om du stänger av kameran eller tar ut Micro SD-minneskortet som innehåller data från produkten kan datan gå förlorad eller skadas.

MINNESKORTSINFORMATION (MEDFÖLJER EJ)

Vad är ett minneskort?

Minneskortet är ett externt datalagringsmedia som har utvecklats för att erbjuda ett helt nytt sätt att spela in och dela video, ljud och textinformation vid användning av digitala enheter.

Välja ett minneskort som är lämpligt för dig

Den här kameran stöder Micro SD/SDHC/SDXC-minneskort.

Du kan dock uppleva kompatibilitetsproblem beroende på modell och fabrikat av minneskortet.

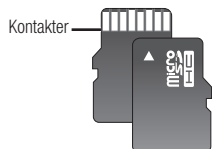
För din kamera rekommenderar vi att du använder ett minneskort från följande tillverkare:

Micro SD/SDHC/SDXC-minneskort : Sandisk, Transcend

Vi rekommenderar att du använder ett minneskort på 4 till 128 GB (uhs-1-klass) för den här kameran.

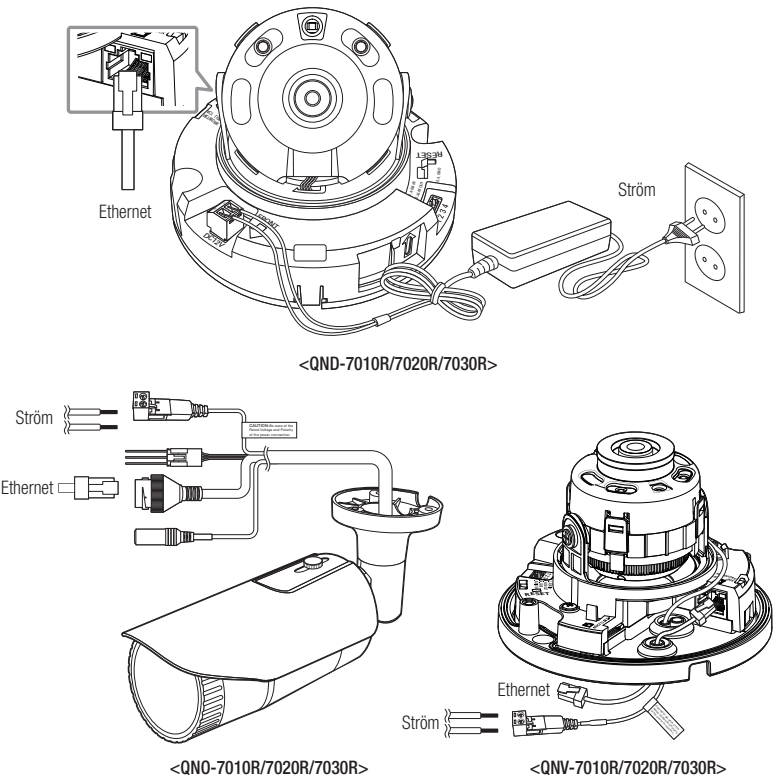
Uppspelningsprestandan kan påverkas beroende på hastigheten på minneskortet, så du bör använda ett höghastighetskort.

Minneskortskomponenter



Micro SD/SDHC/SDXC

ANSLUTNING TILL EN ANNAN ENHET



Ethernet-anslutning

Anslut Ethernet-kabeln till det lokala nätverket eller till Internet.

Strömkälla

Använd skruvmejseln för att ansluta varje linje (+, -) för strömkabeln till överensstämmande port på kameran.

- Om både PoE och DC 12V tillämpas får produkten ström från PoE.
- Du kan också använda en router med PoE för att få strömtillförsel till kameran.
- Använd PoE som är kompatibelt med IEEE 802.3af-protokollen.
- Vi rekommenderar att du bara använder en av strömkällorna PoE och DC 12 V.
- Var försiktig så att du inte vänder polerna när du ansluter strömkabeln.
- Om du vill ansluta en extern enhet måste du först slå av den.

Specifikation för strömkabel för varje modell

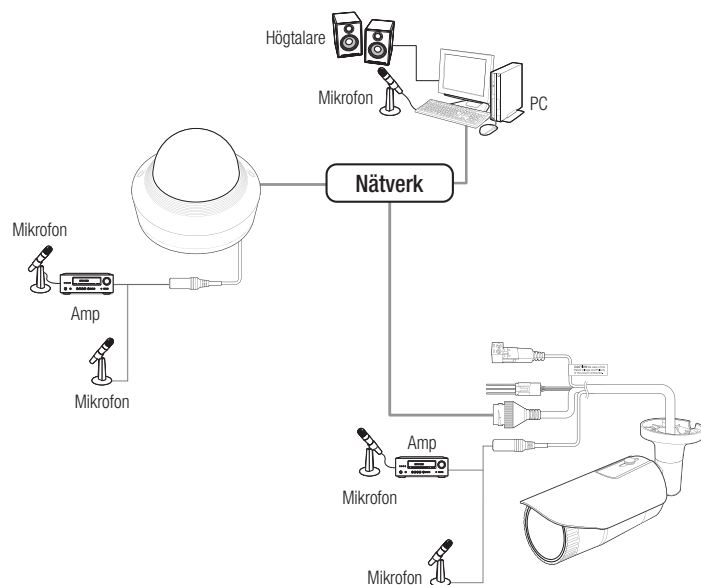
Vid DC 12V ingång:

Kabeltyp (AWG)	#22	#20	#18
Kabellängd (Max.)	24m	38m	60m

Specifikation för nätverkskabel

Artikel	Innehåll	Anmärkning
Anslutningsanordning	RJ45	
Ethernet	10/100BASE-T	10/100 Mbps
Kabel	UTP Kategori 5e	
Max avstånd	100 m	
Stöd för PoE	IEEE 802.3af	

Ansluta till ingående ljud



1. Anslut porten AUDIO IN på kameran med mikrofonen eller med porten LINE OUT på förstärkaren som mikrofonen är ansluten till.

■ Du kan använda den inbyggda mikrofonen i kameran utan att ansluta en extern mikrofon.
(endast tillgängligt i QND-7010R/7020R/7030R)

2. Kontrollera specifikationerna för ljudingång.

- **Audio Codec**

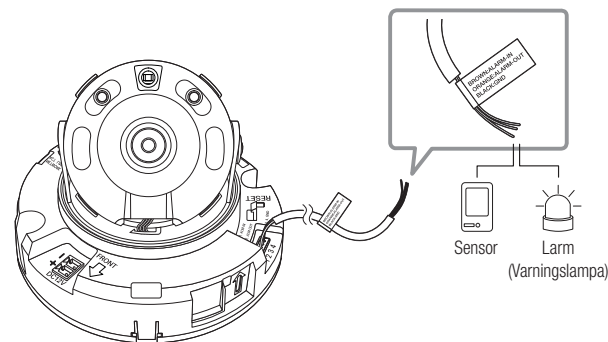
- Ljud In : G.711 PCM (bit hastighet: 64 kbit/s/samplingfrekvens: 8 kHz), G.726 ADPCM (bit hastighet: 16 kbit/s, 24 kbit/s, 32 kbit/s, 40 kbit/s/samplingfrekvens: 8 kHz)

- **Full duplex Audio**

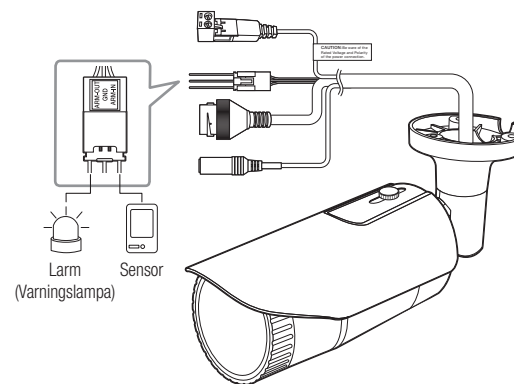
- **Audio in (QND-7010R/7020R/7030R)** : Valfri (inbyggd mikrofon), spänning som stöds: 2,5 V DC (4 mA), ingångsimpedans: 2 k Ohm
- **Audio in (QNO-7010R/7020R/7030R, QNV-7010R/7020R/7030R)** : Valfri (mikrofon/linje in), spänning som stöds: 2,5 V DC (4 mA), ingångsimpedans: 2 k Ohm

Anslutning till I/O-portboxen

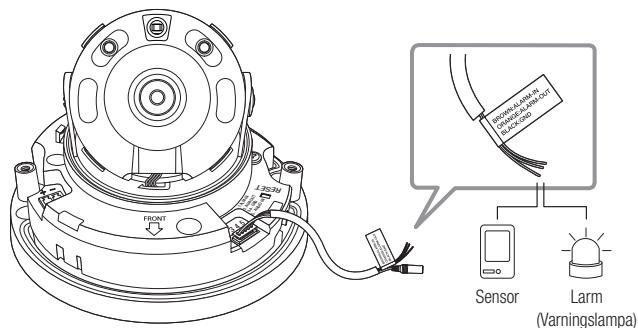
Anslut Larmets ingångs- och utgångskabel till motsvarande port i portboxen.



<QND-7010R/7020R/7030R>



<QNO-7010R/7020R/7030R>



<QNV-7010R/7020R/7030R>

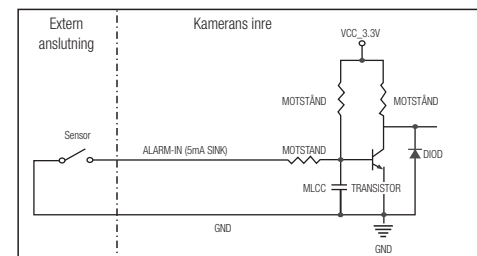
- ALARM-IN : Används för att ansluta sensorn för larmgång eller den externa dag/natt-sensorn.
- ALARM-OUT : Används för att ansluta utgående alarmsignal.
- GND : Gemensam port för in-/utgående signal för alarm.

- ! ■ Om enheter (t ex blinkande ljus eller siren) som överstiger specifikationerna för spänning och strömstyrka ansluts med open collector-metoden kan fel uppstå.
Se "Kopplingsschema för Alarm-ut" när du ansluter enheter som överstiger specifikationerna för spänning och ström. (sidan 22)

Så här ansluter du den externa sensorn

Anslut ena slingan på varje signallinje (2-slingor) för sensorerna till porten [ALARM IN] och anslut andra slingan till porten [GND].

Kopplingschema för Alarm-in

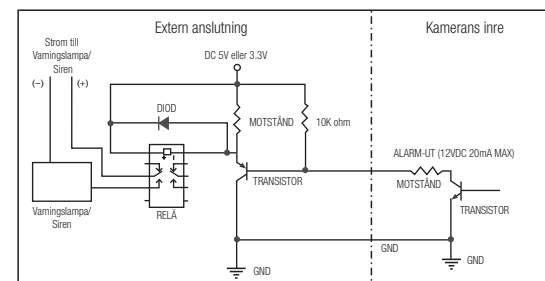


För att ansluta alarm-ut

Om enheter (t ex blinkande ljus eller siren) som överstiger specifikationerna för spänning och strömstyrka ansluts med open collector-metoden kan fel uppstå.

Se diagrammet för anslutning av alarm-ut nedan när du ansluter enheter som överstiger specifikationerna för spänning och ström.

Kopplingsschema för Alarm-ut

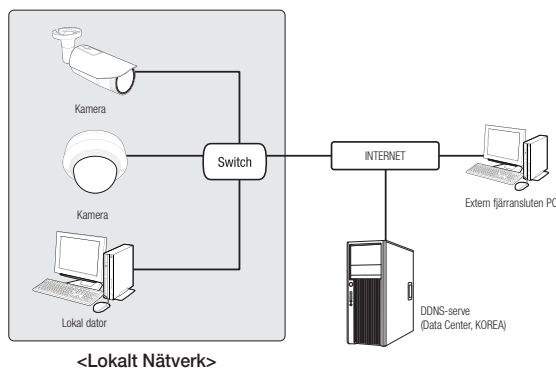


Du kan göra nätverksinställningar enligt dina nätverkskonfigurationer.

ANSLUTA KAMERAN DIREKT TILL LOKALT NÄTVERK

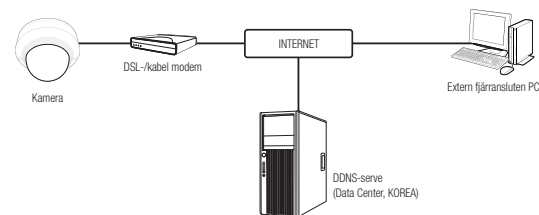
Ansluta till kameran från en lokal dator i nätverket

1. Starta Internet-klienten på den lokala datorn.
2. Ange IP-adressen för kameran i adressfältet för webbläsaren.



- En fjärrdator på externt Internet utanför LAN-nätverket kan inte ansluta till kameran som är installerad i Intranätet om portvidarebefordran inte har ställts in eller om en brandvägg är inställd. I så fall ska du kontakta nätverksadministratören för att lösa problemet.
- Enligt fabriksstandard tilldelas IP-adressen från DHCP-servern automatiskt. Om det inte finns någon DHCP-server tillgänglig är IP-adressen ställd till 192.168.1.100. Använd Device Manager för att ändra IP-adress. För mer information om hur man använder Device Manager, se "**Använda Device Manager**". (sidan 25)

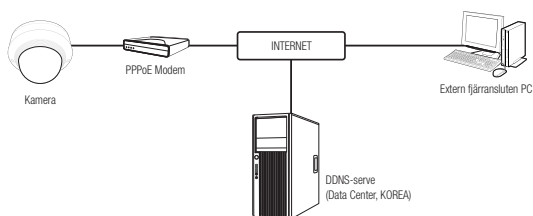
ANSLUTA KAMERAN DIREKT TILL ETT DHCP-BASERAT DSL/KABELMODEM



1. Anslut användar-PC:n direkt till nätverkskameran.
2. Kör Device Manager för att ändra kamerans IP-adress så att du kan använda webbläsaren i din dator för att ansluta till internet.
3. Använd Internet-klienten för att ansluta till Webbvisning.
4. Gå till sidan [Inställningar].
5. Gå till [Nätverk] – [DDNS] och konfigurera DDNS-inställningarna.
6. Gå till [Basic] – [IP & Port] och ställ in IP-typ på [DHCP].
7. Anslut kameran, som togs bort från datorn, direkt till modem.
8. Starta om kameran.

- För information om hur du konfigurerar DDNS, se onlinehjälp för webbvisaren.
- För information om hur du konfigurerar IP-format, se onlinehjälp för webbvisaren.

ANSLUTA KAMERAN DIREKT TILL ETT PPPoE-MODEM



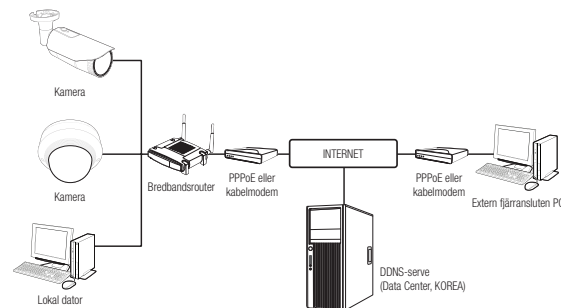
1. Anslut användar-PC:n direkt till nätverkskameran.
2. Kör Device Manager för att ändra kamerans IP-adress så att du kan använda webbläsaren i din dator för att ansluta till internet.
3. Använd Internet-klienten för att ansluta till Webbvisning.
4. Gå till sidan **[Inställningar]**.
5. Gå till **[Nätverk]** – **[DDNS]** och konfigurera DDNS-inställningarna.
6. Gå till **[Basic]** – installationssidan för **[IP & Port]**, ange IP-typ till **[PPPoE]**, och ange ID och lösenord för nätverkstjänsten.
7. Anslut kameran, som togs bort från datorn, direkt till modem.
8. Starta om kameran.



- För information om hur du konfigurerar DDNS, se onlinehjälp för webbläsaren.
- För information om hur du konfigurerar IP format, se onlinehjälp för webbläsaren.

ANSLUTA KAMERAN TILL EN BREDBANDSROUTER MED PPPoE-/KABELMODEM

Det här är för små nätverksmiljöer, såsom hem, SOHO och vanliga butiker.



Konfigurera nätverksinställningar för den lokala datorn som är ansluten till en Bredbandsrouter

Konfigurera nätverksinställningar för den lokala datorn som är ansluten till en Bredbandsrouter enligt anvisningarna nedan.

- Välj : **<Network>** → **<Properties>** → **<Local Area Connection>** → **<General>** → **<Properties>** → **<Internet Protocol (TCP/IP)>** → **<Properties>** → **<Obtain an IP address automatically>** eller **<Use the following IP address>**.
- Följ anvisningarna nedan om du väljer **<Använd följande IP-adress>** :
 - ex1) Om adressen (LAN IP) för Bredbandsrouter är 192.168.1.1
IP-adress : 192.168.1.100
Nätmask : 255.255.255.0
Standard-Gateway : 192.168.1.1
 - ex2) Om adressen (LAN IP) för Bredbandsrouter är 192.168.0.1
IP-adress : 192.168.0.100
Nätmask : 255.255.255.0
Standard-Gatewa : 192.168.0.1
 - ex3) Om adressen (LAN IP) för Bredbandsrouter är 192.168.xxx.1
IP-adress : 192.168.xxx.100
Nätmask : 255.255.255.0
Standard-Gateway : 192.168.xxx.1



- Se produktdokumentationen för Bredbandsrouter adress.
- Mer information om portvidarebefordring av bredbandsrouter finns i avsnittet **"Portintervallsinställning Framåt (portmapping)"**, (sidan 27)

ANVÄNDA DEVICE MANAGER



- Programmet Device Manager kan laddas ned från menyn <Technical Guides> – <Online Tool> på Hanwha Techwins webbplats (<http://www.hanwha-security.com>).
- Du kan hitta fler instruktioner för Device Manager i menyn <Hjälp> på huvudsidan.

AUTOMATISK KAMERASÖKNING

Om en kamera är ansluten till samma nätverk som datorn där Device Manager är installerat, kan du hitta nätverkskameran med hjälp av sökfunktionen.

- Klicka på <Search (Sök)> på Device Managers huvudsida.
- Markera kameran i listan.
 - Kontrollera MAC-adressen på etiketten som är fäst på kameran.

KONFIGURERA IP-ADRESS

Om du vill ändra nätverksinställningarna för kameran måste <Status> visa <Login OK (Inloggning OK)>. Klicka på <Authentication (Autentisering)> på huvudsidan för att logga in.

Konfigurera statisk IP

Infoga och konfigurera IP-adress och portinformation manuellt.

- I listan klickar du på kameran som du vill ändra IP-inställningen för.
- Klicka på <IP Assign (Tilldela IP)> på Device Managers huvudsida.
- Välj <Assign the following IP address (Tilldela följande IP-adress)>.
 - Kamerans aktuella IP-information kommer att visas.
- Fyll i IP- och portrelaterade kategorier.

Utan användning av en Bredbandsrouter

Fråga den nätverksansvarige om inställt värde för <IP-adress>, <Subnätmask>, <Gateway>.

- HTTP Port : Används för att komma åt kameran med Internetklienten, med standard på 80.
- RTSP Port : En port som kontrollerar streaming i realtid. Det ursprungliga värdet är 554.

Vid användning av en Bredbandsrouter

- IP-adress : Ange en adress som ligger inom IP-intervallet som erbjuds av Bredbandsrouter.
ex) 192.168.1.2~254, 192.168.0.2~254, 192.168.XXX.2~254
- Subnet Mask : <Subnet Mask> för Bredbandsrouter blir kamerans <Subnet Mask>.
- Gateway : <Local IP Address> för Bredbandsrouter blir <Gateway> för kameran.



- Inställningarna kan variera beroende på ansluten Bredbandsrouter modell.
För vidare information, se användarhandboken för tillämplig router.
- Mer information om portvidarebefordring av bredbandsrouter finns i avsnittet "Portintervallsinställning Framåt (portmappning)", (sidan 27)

Om Bredbandsrouter har mer än en kamera ansluten

Konfigurera IP-relaterade inställningar och portrelaterade inställningar separat från varandra.

ex)

Kategori	Kamera #1	Kamera #2
IP-relaterade inställningar	IP Address	192.168.1.100
	Subnet Mask	255.255.255.0
	Gateway	192.168.1.1
Portrelaterade inställningar	HTTP Port	8080
	RTSP Port	554



- Om <HTTP Port> är inställd på något annat än 80, måste du ange <Port>-numret i adressfältet på Internet-klienten innan du kan komma åt kameran.
ex) <http://IP-adress: HTTP-port>
<http://192.168.1.100:8080>

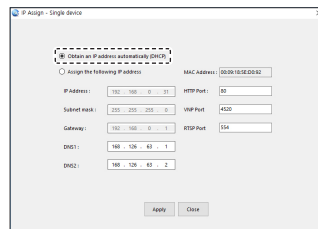
- Klicka på knappen [Tillämpa].
- Om meddelandet om genomförd åtgärd visas, klicka på [OK].

Konfigurera dynamisk IP

Erhålla IP-adress från DHCP

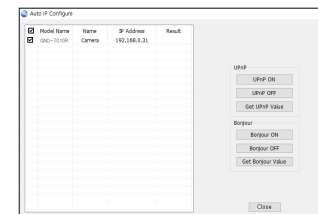
- Exempel på dynamisk IP-miljö
 - Om en Bredbandsrouter, med anslutna kameror, tilldelas en IP-adress av DHCP-servern
 - Om kameran ansluts direkt till modemmet med DHCP-protokoll
 - Om IP-adresser tilldelas av den interna DHCP-servern via LAN

- I listan klickar du på kameran som du vill ändra IP-inställningen för.
- Klicka på **<IP Assign (Tilldela IP)>** på Device Managers huvudsida.
- Välj **<Obtain an IP address automatically (DHCP) (Erhålla en IP-adress automatiskt (DHCP))>**.
- Klicka på knappen **[Apply (Tillämpa)]**.
- Om meddelandet om genomförd åtgärd visas, klicka på **[OK]**.



AUTOMATISK KONFIGURERING AV IP

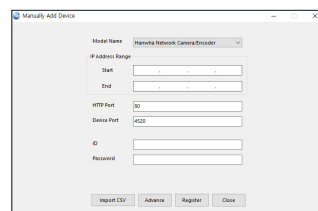
- I listan klickar du på kameran som du vill konfigurera IP-inställningen för automatiskt.
- Klicka på **<+>** på Device Managers huvudsida.
 - Utrustningens inställningsmeny visas.
- Klicka på **<Auto IP Configure (Auto-IP-konfigurera)>** i menyn.
- Klicka på knappen **[Close (Stäng)]**.



REGISTRERA KAMERAN MANUELLT

Om kameran inte kan hittas med hjälp av sökfunktionen, kan kameran registreras fjärrstyrt genom att manuellt infoga IP-information, om kameran är ansluten till ett externt nätverk.

- Klicka på **<Add Devices (Lägg till enheter)>** – **<Manually Add Device (Lägg till enhet manuellt)>** på Device Managers huvudsida.
- Ange intervallet för den IP-adress du söker.
- Välj **<Model Name (modellnamn)>** för kameran som du registrerar och ange HTTP-port, ID och lösenord.
- Klicka på knappen **[Register (Registrera)]**.
- Kontrollera om kameran är registrerad.
 - Kontrollera MAC-adressen på etiketten som är fäst på kameran.

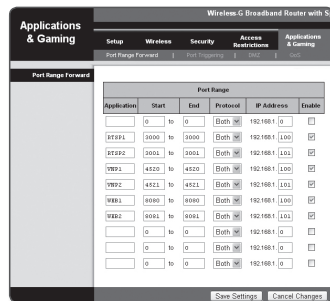


PORTINTERVALLSINSTÄLLNING FRAMÅT (PORTMAPPING)

Om du har installerat en Bredbandsrouter med en kamera ansluten måste du ställa in portintervall för vidarebefordran av Bredbandsrouter så att en fjärr dator kan få åtkomst till kameran i den.

Manuell vidarebefordran för portintervall

1. I inställningsmenyn för Bredbandsrouter väljer du <Applications & Gaming> - <Port Range Forward>. För inställning av vidarebefordran för portintervall gällande en tredjeparts Bredbandsrouter, läs bruksanvisningen för Bredbandsrouter.
2. Välj <TCP> och <UDP Port> för varje ansluten kamera till Bredbandsrouter.
Numret för varje port som ska konfigureras till IP-routern bör ställas in efter det portnummer som tilldelats i <Inställningar> - <Basic> - <IP & Port> på kamerans webbsida.
3. När du är klar klickar du på [Save Settings].
Inställningarna sparas.

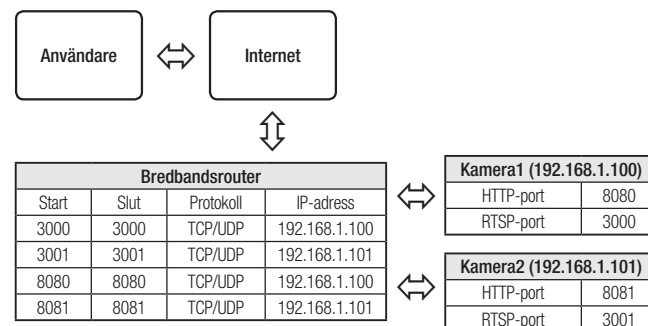


- Inställningen Portvidarebefordran är ett exempel på inställning för CISCO IP-router.
- Inställningarna kan variera beroende på ansluten Bredbandsrouter modell.
För vidare information, se användarhandboken för tillämplig router.

Installera vidarebefordran av port för flera nätverkskameror

- Du kan ställa in en regel för portvidarebefordran på Bredbandsrouter enheten genom dess konfiguration för webbsidan.
- En användare kan ändra varje port med kamerainställningsskärmen.

När Kamera1 och Kamera2 är anslutna till en router:



- Portvidarebefordran kan göras utan ytterligare inställningar av router om routern stöder funktion för UPnP (Universal Plug and Play).
Efter anslutning av nätverkskameran markerar du kryssrutan i menyn <Snabbanslutning> i <Wisenet DDNS> i "Inställningar -> Nätverk -> DDNS".

ANSLUTA TILL KAMERAN FRÅN EN DELAD, LOKAL DATOR

1. Kör Device Manager.
Den söker efter anslutna kameror och visar en lista över dem.
2. Dubbelklicka på en kamera du vill komma åt.
Internetklienten startar och ansluter till kameran.



- Du kan även komma åt kameran genom att skriva in IP-adressen för den uppsökta kameran i adressfältet för Internet-klienten.

ANSLUTA TILL KAMERAN FRÅN EN FJÄRRDATOR VIA INTERNET

På en fjärrdator som inte finns i bredbandsrouterns nätverk är inte kluster tillåtna. Användarna kan få tillgång till kameror inom bredbandsrouterns nätverk med hjälp av kamerans DDNS-adress.

1. Innan du kan få åtkomst till en kamera i nätverket för Bredbandsrouter ska du ha ställt in portintervall för vidarebefordran för Bredbandsrouter.
2. Starta Internet-klienten från fjärrdatorn och skriv in DDNS URL-adressen för kameran, eller IP-adressen för Bredbandsrouter i adressfältet.
ex) <http://ddns.hanwha-security.com/ID>

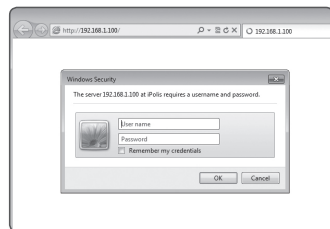


- För att använda Wisenet DDNS registrerar du dig på Wisenet DDNS hemsida (<http://ddns.hanwha-security.com>) och registrerar produkten på **[Mitt DDNS]>[Registrera produkt]**.

ANSLUTA TILL KAMERAN

I normala ska du

1. Starta Internet-klienten.
2. Skriv in IP-adressen för kameran i adressfältet.
ex) • IP-adress (IPv4): 192.168.1.100
→ http://192.168.1.100
- inloggningsfönstret ska öppnas.
• IP-adress (IPv6) : 2001:230:abcd:ffff:0000:0000:ffff:1111
→ http://[2001:230:abcd:ffff:0000:0000:ffff:1111]
- inloggningsfönstret ska öppnas.



Om HTTP-porten är någon annan än 80

1. Starta Internet-klienten.
2. Skriv in IP-adressen och HTTP-portnumret för kameran i adressfältet.
ex) IP-adress: 192.168.1.100:HTTP Port number(8080)
→ http://192.168.1.100:8080 - inloggningsfönstret ska öppnas.

Använda URL

1. Starta Internet-klienten.
2. Skriv in DDNS URL-adressen för kameran i adressfältet.
ex) http://ddns.hanwha-security.com/ID
- inloggningsfönstret ska öppnas.



▪ Nätverksanslutning är inaktiverad i miljöer med endast LAN.

Anslutning via UPnP

1. Ställ in klienten eller operativsystemet så att det stöder UPnP-protokollet.
2. Klicka på kameranamnet för att söka.
Vid Windows operativsystem, klicka på kameranamnet som sökts från nätverksmenyn.
- Inloggningsfönstret visas.

Anslutning via Bonjour

1. Ställ in klienten eller operativsystemet så att det stöder Bonjour-protokollet.
2. Klicka på kameranamnet för att söka.
Vid Mac operativsystem, klicka på kameranamnet som sökts på Bonjourfliken i Safari.
- Inloggningsfönstret visas.

Kontrollera DDNS-adressen

Om kameran är ansluten direkt till DHCP-kabelmodem, DSL-modem eller PPPoE-modem, ändras IP-adressen för ditt nätverk varje gång du försöker ansluta till ISP-servern (Internet Service Provider). Om detta är fallet informeras du inte om att IP-adressen har ändrats av DDNS.

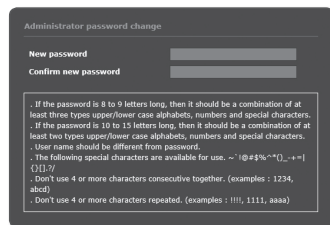
Så fort du registrerar en dynamisk, IP-baserad enhet med DDNS-servern kan du enkelt kontrollera den ändrade IP-adressen när du försöker få tillgång till enheten.

För att registrera enheten till <DDNS>-servern, besök sidan <http://ddns.hanwha-security.com> och registrera enheten först och ställ sedan in webbläsningens <Nätverk> - <DDNS> till <Wisenet DDNS>, samt erbjuda <Produkt-ID> som har använts för DDNS-registreringen.

LÖSENORDSINSTÄLLNING

När du öppnar produkten för första gången måste du registrera inloggningslösenordet.

- För ett nytt lösenord med 8 till 9 tecken måste du använda minst 3 av följande alternativ: versaler/gemener, siffror och specialtecken. För ett lösenord med 10 till 15 siffror måste du använda minst 2 typer av ovan nämnda alternativ.
 - Specialtecken som tillåts: ; ~!@#%&^*()_+={|}~.?/
- För ökad säkerhet rekommenderar vi att du inte upprepa samma tecken eller tecken i följd på tangentbordet för dina lösenord.
- Om du tappar bort lösenordet kan du trycka på knappen **[RESET]** för att återställa produkten, så du inte förlorar lösenordet genom att använda en memo pad eller memorera det.



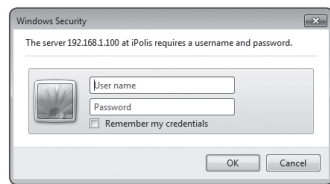
INLOGGNING

När du har tillgång till kameran visas inloggningsfönstret. Ange användar-ID och lösenord för att öppna kameran.

1. Ange "admin" i inmatningsrutan <User name>. Administratörs-ID, "admin", är fast och kan inte ändras.
2. Ange lösenordet i inmatningsfältet <Password>.
3. Klicka på **[OK]**.
Om du har loggat in utan problem kommer du till skärmen Live Viewer.

- När du öppnar kamerans web viewer ska du vara noggrann med säkerheten och kontrollera om bilddata krypteras.
- Om du markerar alternativet "Remember my credentials" när inmatningen har gjorts loggas du automatiskt in utan att tillfrågas om att ange inloggningsinformationen från nästa gång.
- Du får bästa videokvaliteten om skärmstorleken är 100 %. Om du minskar förhållandet kan det kapa bilden i kanterna.

4.



KAMERANS WEBBVISNINGINSTÄLLNINGAR

1. Klicka på ikonen **[Konfiguration (⚙)]**.
2. Inställningsfönstret visas.
3. Du kan konfigurera inställningarna för kamerans grundinformationsvideo, ljud, nätverk, händelse, analys och system över nätverket.
4. Klicka på <Hjälp (?)> för att visa detaljerade beskrivningar av varje funktion.

FELSÖKNING

PROBLEM	LÖSNING
Ingen video visas i den kostnadsfria plugin-webbvisaren på Safari via HTTPS.	- Klicka på "Visa autentiseringscertifikat" i popup-autentiseringsfönstret som visas när du ansluter till HTTPS för första gången, och markera kryssrutan "Lita alltid på anslutningar till den tilldelade webbvisarens IP-adress". - Om webbvisaren inte visar video när du har klickat på "Nästa" i meddelandet nedan, trycker du på kommandotangenten + Q för att avsluta Safari. Anslut igen och genomför samma procedur som ovan.
Jag kan inte komma åt kameran från en webbläsare.	- Kontrollera för att säkerställa att kamerans nätverksinställningar är korrekta. - Kontrollera för att säkerställa att alla nätverkskablar har anslutits korrekt. - Om den är ansluten och du använder DHCP ska du kontrollera att kameran kan förvärva dynamiska IP-adresser utan problem. - Om kameran har anslutits till en Bredbandsrouter ska du se till att portvidarebefordran är korrekt konfigurerat.
Viewern har kopplats ur under övervakningen.	- Anslutna användare blir fränkopplade vid en ändring i kamera- eller nätverkskonfigurationen. - Kontrollera alla nätverksanslutningar. - Om kameran är ansluten över ett PPPoE-nätverk är det möjligt att Viewern kopplas från under dåliga nätverksförhållanden.
Ingen video visas när jag för första gången ansluter webbvisaren, eller streamar till klienten.	Det högsta antalet tillgängliga profiler är tre. Anslutningen kan brytas om du använder fyra eller fler profiler. Exempel) Om du ansluter till MJPEG, H.264 och H.265 och sedan ansluter med en annan profil, kan anslutningen brytas.
Den nätverksanslutna kameran hittas inte i programmet Device Manager.	Slå av inställningarna för brandväggen på datorn och sök kameran igen.
Bilderna överlappas.	Kontrollera om två eller fler kameror är inställda på enkel multicast-adress istället för olika adresser. Om en enkel adress används för flera kameror kan bilderna överlappas.
Ingen bild visas.	Om sändningsmetoden är inställd på multicast ska du kontrollera om det finns en router som stöder multicast i nätverket som kameran är ansluten till.

PROBLEM	LÖSNING
Filen överförs inte till e-post även om en rörelsedetektering genereras med inställningen <Rörelsedetektering> inställd på <På> på sidan <Händelse>.	- Verifiera inställningarna i följande sekvens: - Kontrollera inställningarna för <Datum och tid>. <Rörelsedetektering> ska ställas in på <Aktivera>. - Kontrollera om alternativet <e-post> för <Händelseinställningar> har markerats för användning.
Kan inte lagra på Micro SD-minneskort.	Kontrollera om det finns fel på minneskortet.
Micro SD-minneskortet är isatt men kameran fungerar inte som den ska.	- Kontrollera om minneskortet har satts i på rätt håll. Användning av minneskort som har formaterats av andra enheter garanteras inte med den här kameran. - Formatera minneskortet igen i <Inställningar> → <Händelse> → <Lagring>.
Kan inte spela in i NAS.	Bekräfta att informationen som är registrerad i NAS är korrekt.
Den rapporterar att inställning av NAS har misslyckats.	- Bekräfta att NAS-enhetens IP-adress är giltig. - Bekräfta att NAS-enhetens ID och lösenord är giltiga. - Bekräfta att du får åtkomst till mappen som har tilldelats som huvudmapp med hjälp av NAS-enhetens ID. - Bekräfta att alternativen NAS SMB/CIFS inte är ikryssade. - Bekräfta att NAS-enhetens IP-adress och kamerans IP-adress har samma format. T.ex.) Initialvärdet för NAS-enhetens och kamerans subnätmask är 255.255.255.0. Om IP-adressen är 192.168.20.32 ska NAS-enhetens IP-adress vara i intervallet 192.168.20.1~192.168.20.255. - Kontrollera om du har försökt få åtkomst som en annan användare utan att formatera huvudmappen som sparad eller använd. - Bekräfta att du använder rekommenderad NAS-utrustning.

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GPL SW

Component Name	License	URL
Base Kernel	GPL 2.0	
Busybox	GPL 2.0	http://www.busybox.net/downloads/snapshots
iproute2-4.3.0	GPL 2.0	
iptables-1.4.21	GPL 2.0	http://ftp.netfilter.org/pub/iptables
ethtool-4.2	GPL 2.0	
mtdd-1.5.2	GPL 2.0	ftp://ftp.infradead.org/pub/mtdd-utils
mi-diag-2.11	GPL 2.0	
rp-pppoe-3.11	GPL 2.0	http://www.roaringpenguin.com/pppoe/
wpa_supplicant-2.5	GPL 2.0	
bash-4.3.30	GPL 3.0	
zeroconf	GPL 2.0	

LGPL SW

Component Name	License	URL
glibc	LGPL 2.0	
inetutils	LGPL 3.0	
neon-0.29.6	LGPL 2.0	http://www.webdav.org/neon/

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It appears that the arithmetic coding option of the JPEG spec is covered by patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic coding cannot legally be used without obtaining one or more licenses. For this reason, support for arithmetic coding has been removed from the free JPEG software. (Since arithmetic coding provides only a marginal gain over the unpatented Huffman mode, it is unlikely that very many implementations will support it.) So far as we are aware, there are no patent restrictions on the remaining code.

The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

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established by T-Engine Forum
on January 23, 2004
revised on June 17, 2004
revised on December 21, 2006
revised on March 24, 2009

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Julian Seward, jseward@bzip.org

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iperf performance test

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Jean-loup Gailly Mark Adler

jloup@gzip.org madler@alummi.caltech.edu

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://www.ietf.org/rfc/rfc1950.txt> (zlib format), [rfc1951.txt](http://www.ietf.org/rfc/rfc1951.txt) (deflate format) and [rfc1952.txt](http://www.ietf.org/rfc/rfc1952.txt) (gzip format).



Hanwha Techwin värnar om miljön i alla produkttillverkningssteg och vidtar ett antal åtgärder för att erbjuda kunderna miljövänligare produkter.

Eco-märkningen symboliserar Hanwha Techwin strävan att skapa miljövänligaprodukter och visar att produkten uppfyller EU RoHS Directive.



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Korrekt avfallshantering av den här produktens batterier

(Gäller i EU och andra europeiska länder med separata insamlingssystem för batterier.)

Märkningen på batteriet, manualen eller förpackningen visar att batterierna i den här produkten inte får slängas i hushållssoporna vid livsslut. Det kan finnas en märkning med de kemiska symbolerna Hg, Cd eller Pb vilket visar att batteriet innehåller kvicksilver, kadmium eller bly över referensnivåerna i EU-direktivet 2006/66. Om batterierna inte avfallshandteras korrekt kan dessa ämnen orsaka skador på människors hälsa eller på miljön.

För att skydda våra naturresurser och främja återvinning ska batterierna separeras från andra typer av avfall och återvinnas via det lokala återvinningssystemet.

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