

WISENET

NÄTVERKSKAMERA

Bruksanvisning

XNV-6080RS/XNV-8080RS/XNV-6120RS



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 den nedsmutsade ytan på produkten med en torr eller fuktig, mjuk trasa.
(Använd inte rengöringsmedel eller kosmetiska produkter som innehåller alkohol, lösningsmedel, ytaktiva ämnen eller oljebeståndsdelar eftersom dessa kan orsaka skador på produkten.)
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 jordningsstift. 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 av en listad strömtillförselenhet med märkningen "Klass 2" eller "LPS" och med effekt från 24 Vac (50/60 Hz) 1,1 A eller 12 Vdc, 1,0 A. (XNV-6080RS/XNV-8080RS/XNV-6120RS)
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 förvrida 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 vidhäftningsmedel, 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.

Produktens CVBS-utterminal medföljer för att förenkla installationen och rekommenderas inte för övervakningsändamål.

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.

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PRODUKTEGENSKAPER

- **Material: rostfritt stål**

Kamerans utsida är tillverkad i rostfritt stål, som kan installeras i olika speciella miljöer, på grund av rostskyddsörebyggande egenskaper och enkel hantering.

- **Damm-/vattenresistent**

Den damm-/vattentäta designen skyddar produkten från regn och damm vid installation utomhus.

- **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 i 2M-upplösning (XNV-6080RS/XNV-6120RS)**

- **Har stöd för videor i 5M-upplösning (XNV-8080RS)**

- **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.

- **Ljudidentifiering**

Upptäcker ljud som överstiger en nivå som anges av användaren.

- **Smartkodec**

Anpassar kodec på en del av kamerans synfält för att förbättra kvaliteten för det av användaren specificerade området.

- **Automatisk detektering av fränkopplade nätverk**

Detekterar nätverksfränkopplingar innan den utlöser en händelse.

- **Dimdetektering**

Detekterar dimma som är tyngre än detekteringsnivån.

- **Ansiktsdetektering**

Detekterar ansikten i det specificerade området från kamerans videoingång.

- **IVA-funktion (Intelligent Video Analytics)**

Detekterar en rörelse eller situation som uppfyller reglerna för den konfigurerade händelsen.

- **Ljudklassificering (Sound source classification)**

Identifierar en ljudkälla som specificerats av användaren.

- **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

- RAM : 8G eller högre

- Operativsystem som stöds : MS Windows, Mac OS X

- **Kostnadsfri plugin-webbvisare**

Webbläsare som stöds : Google Chrome, MS Edge, Mozilla Firefox(endast Windows 64 bitar), Apple Safari (Endast stöd i Mac OS X)

- **Plugin-webbvisare**

Webbläsare som stöds : MS Explore, Apple Safari (Endast stöd i Mac OS X)

※ Se bilagan för detaljerad versionsinformation för verifierat OS och godkänd webbläsare.

SPECIFIKATIONER FÖR REKOMENDERADE MICRO SD/SDHC/SDXC MINNESKORT

- Rekommenderad kapacitet : 16GB till 256GB (MLC-typ)

- Följande typer av minneskort från följande tillverkare rekommenderas för den här kameran.

- Tillverkare : SanDisk, Transcend

- Produktfamilj : Hög tålighet

REKOMENDERADE SPECIFIKATIONER FÖR NAS

- Rekommenderad kapacitet : 200 GB eller mer rekommenderas.

- Samtidig åtkomst : En NAS-enhet kan acceptera anslutning av maximalt sexton kameror.

- För den här kameran rekommenderas användning av en NAS-enhet med följande tillverkarspecifikationer.

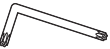
Rekommenderade produkter	Tillgängliga storlekar
QNAP NAS	Maximalt 16 kameror kan anslutas samtidigt.
Synology NAS-enhet	Maximalt 16 kameror kan anslutas samtidigt.



■ Om du använder NAS-utrustningen för andra ändamål än videosparring kan antalet kameror som kan anslutas minskas.

VAD INGAR

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

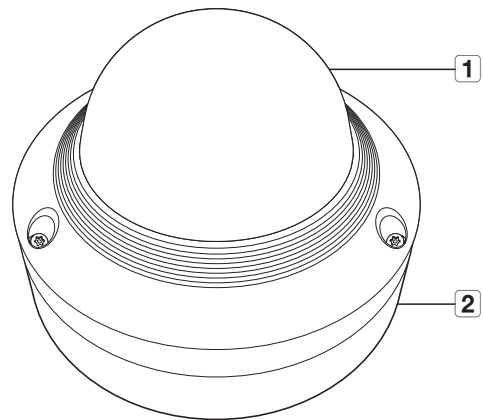
Utseende	Artikelnamn	Kvantitet	Beskrivning
	Kamera	1	
	Snabbguide (tillval)	1	
	Garantikort (tillval)	1	
	Kabel för skärmtestning	1	Används för att testa kameraanslutningen för en bärbar skärm
	Monteringsplåt	1	Produktinstallationsguide
	Strömterminalblock	1	Anslutit strömkontakten
	Självgående skruv	4	Används för installation på väggen eller i taket
	Stjärnmejsel	1	Används för att ta bort och sätta tillbaka kupolhöljet

Utseende	Artikelnamn	Kvantitet	Beskrivning
	Strömkabel	1	Används för att ansluta till strömporten
	Ljud-/larmkabel	1	Används för att ansluta till ljud- och larmporten
	Kabelnav	1	Vanliga bussningar för alla kablar
	Plastförankring	4	För åtdragning av en skruv som sitter iskruvad i ett hål (förstärkt åtdragningsmoment)
	Maskinskravar	3	Används för montering av skyddsskåpan vid installation av produkten på rör, väggmontering etc. eller vid blockering av hål.
	Korttyp med fuktabsorbering	1	Inkopplad när installerad.
	Lockmontering	1	Används vid anslutning med RJ45-kabel

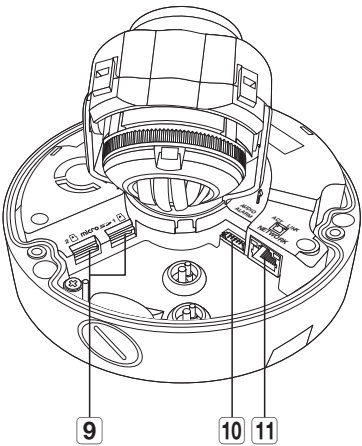
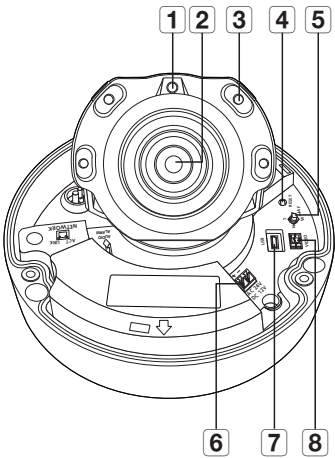
ÖVERGRIPANDE ÖVERSIKT (XNV-6080RS/XNV-8080RS)

Komponenter

Utseende



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



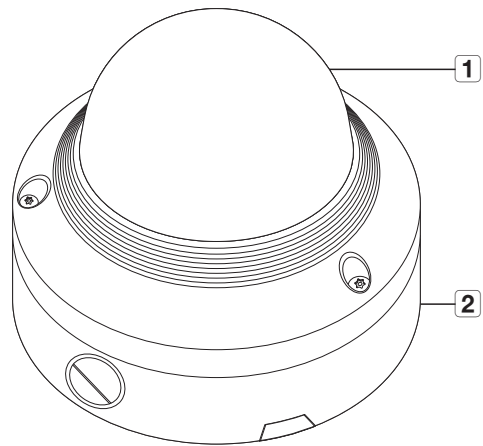
Post	Beskrivning
1 Ljussensor	Detekterar inkommande ljus för att kontrollera IR-LED.
2 Objektiv	Kameraobjektiv.
3 IR-LED	Dessa infraröda LED-lampor kontrolleras av ljussensorn.
4 Återställningsknapp	Knappen återställer alla kamerainställningar till fabriksstandardinställningar. Håll nedtryckt i 5 sekunder 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.
5 Kontrollknapp för Zoom/Fokus	T Zooma in (Tele)
	W Zooma ut (Större synfält)
	N Fokusera på ett nära objekt (Nära)
	F Fokusera på avlägset objekt (Fjärran)
	Fokuskontroll Tryck ner den här knappen för automatisk fokuskontroll.
6 Strömport	Port för strömterminalblock.
7 MICRO USB-port	Port för anslutning av Wi-Fi-dongle. Du kan kontrollera installationsvideon genom applikationerna som installerats i din smartphone. Se " Anslut till Wi-Fi-dongle " på sidan 16. ■ Wi-Fi-dongle och OTG-adapter säljs separat.
8 Utgående skärmtest	Utgående port för testövervakning av videoutgång. Använd testmonitorkabeln för att ansluta till en mobil display och kontrollera testvideon.
9 Micro SD-minneskortplats	Fack för Micro SD-minneskort.

Post	Beskrivning
10 Ljud- och larmkabelport	Port för anslutning av ljud- och alarmlampor.
	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 alarmlarmgångs-/utgångssignaler.
	MIC Används för anslutning till en mikrofon.
	SPEAKER Används för att ansluta till högtalare.
11 Nätverksport	Används för att ansluta PoE- eller Ethernet-kabeln för nätverksanslutning.

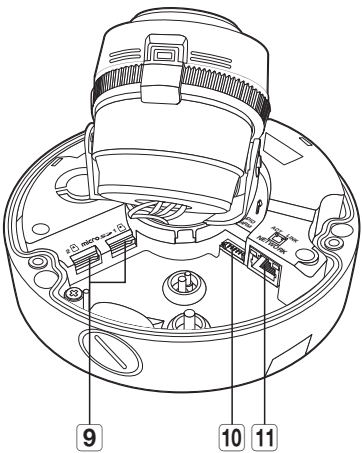
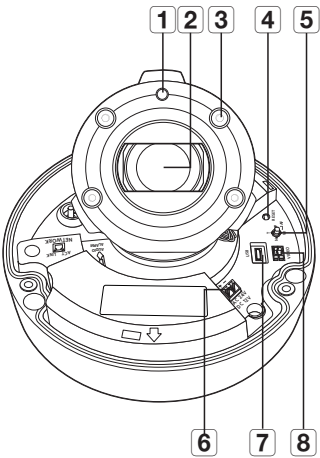
ÖVERGRIPANDE ÖVERSIKT (XNV-6120RS)

Komponenter

Utseende



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2 Kamerahölje	Kåpa som täcker kamerahuset.



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INSTALLATION



- 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.

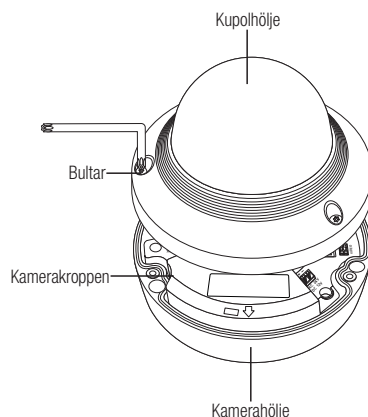
Föreskrifter före installation

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.
- Om överdriven kraft används vid installation av produkten kan kameran skadas på grund av felfunktion. Tvångsmontage med icke kompatibla verktyg kan skada produkten.

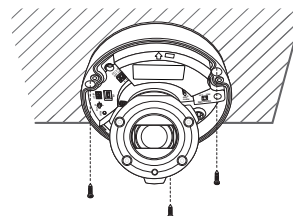
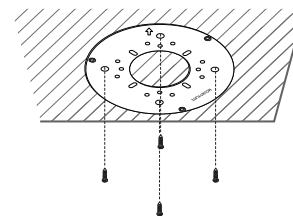
Demontera

- Använd stjärnmejseln för att lossa kupolskyddet som håller fast bulten genom att skruva den i moturs riktning, och ta bort kupolskyddet.



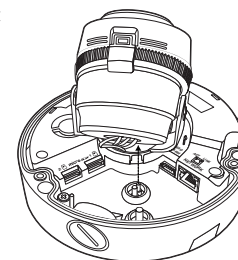
Installation

- Borra hålen för att passa in de fyra D-punkterna i monteringsplattan som medföljer som tillbehör.
 - Rikta in markeringen [] i den riktning du vill övervaka i.
- För in plastförankringen hela vägen.
- Rikta in monteringshållet på kameran mot hålet där plastförankringen sitter i och spänn sedan fästskruven.
- Spänn monteringsplattan och kamerahöljet så som visas på bilden.
 - Rikta in markeringen [] i den riktning du vill övervaka i.
- Anslut och ordna nödvändiga kablar så att de inte skadas eller vrids medan kameran installeras.
- Ställ in objektivet i önskad riktning enligt avsnittet "**Justera monteringsriktningen för kameran**". (sidan 15)
- Stäng kupolhöljet.
 - Använd sexkantnyckeln för att skruva fast bultarna ordentligt så att vatten inte läcker in.

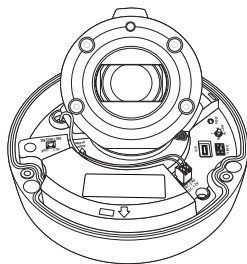


Anslutning av vattentät strömkabel och LAN-kabel

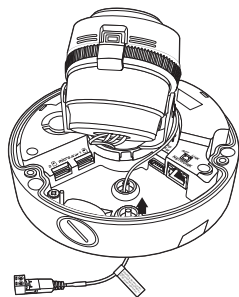
- Ta bort kupolhöljet och lådan.
- Dra ut den långa utskjutande delen av gummipluggen i botten och ta bort den enligt anvisningarna i figuren.



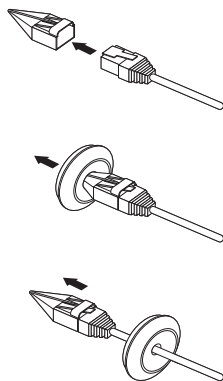
3. För in strömkabeln i det lilla hålet som skapats genom att den utskjutande delen av gummipluggen togs bort i steg 2 ovan, och lägg kabeln längs med den långa skåran.
4. Anslut strömkabeln till strömterminalblocket.



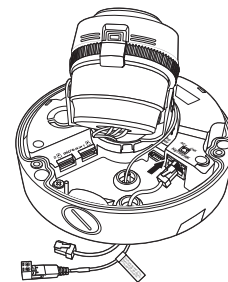
5. Dra ut gummistoppet på golvet så som visas på bilden.



6. Använd lockmonteringen för att göra det möjligt för RJ45-kabeln att passera genom.

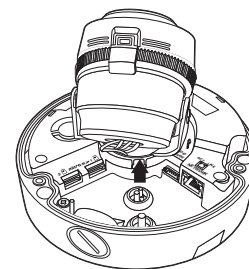


7. För in gummistoppet igen och anslut LAN-kabeln i Ethernet-terminalen.

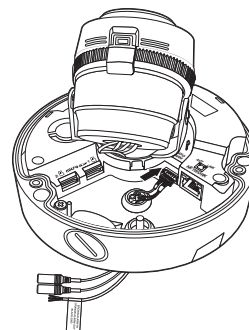


Ansluta larm och ljudkabel

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 gummihatten 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 gummihatten i hålet.
6. Ställ in objektivet i önskad riktning enligt avsnittet "**Justera monteringsriktningen för kameran**". (sidan 15)
7. 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 12)
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 15)
6. Stäng kupolhöljet.
 - Spänn fästbultarna ordentligt med stjärnmejseln för att förhindra vattenläckage.

Utomhusinstallation

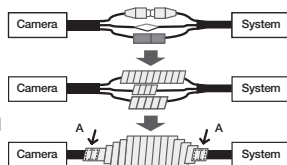
När du installerar den utanför byggnaden, gör den vattentät med vattentät butylgummitejp (finns att köpa i handeln) så att vatten inte läcker från hålet där kabeln är ansluten till utsidan.

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.



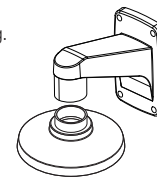
- Om kabelmanteln inte är riktigt vattentät kan det uppstå direkt läckage. Se till att skydda kabeln med ett tjockt lager av tejp.
- Vattentät butyltejp är tillverkad av butylgummi som kan sträckas ut till dubbla längden.



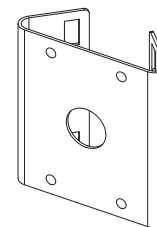
Tillbehör för installation

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

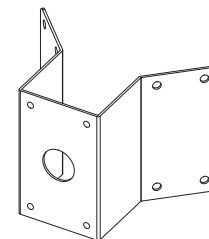
1. RAMMONTERING (SBP-300WMS)/HÄNGANDE MONTERING (SBP-HMS6)
Den här adaptern används när du installerar den hängande kameran på en vägg.



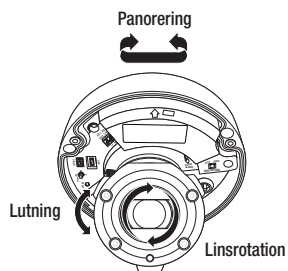
2. ADAPTER FÖR PÅLMONTERING (SBP-300PMS)
Det här är en adapter för VÄGGMONTERING (SBP-300WMS eller SBP-300WMS1) för pålinstallation vars diameter är större än 80 mm.



3. ADAPTER FÖR HÖRNMONTERING (SBP-300KMS)
Det här är en adapter för VÄGGMONTERING (SBP-300WMS eller SBP-300WMS1) för installation i ett hörn.



Justera monteringsriktningen för kameran



▪ 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 Roterar.

- Det effektiva panoreringsintervallet är totalt 354 grader.
- Det effektiva rotationsintervallet är totalt 355 grader.
- Lutningsrotationsvinkeln är 67° för XNV-6080RS/8080RS och 75° för XNV-6120RS.



- Bilden kan eventuellt täckas över av kameralådan 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. Justera panoreringsvinkeln efter kamerainstallationen med hänsyn till riktningen som ska övervakas.
2. Ställ in den horisontella vinkeln så att bilden inte blir omvänd.
3. Ställ in lutningsvinkeln så att kameran tittar mot övervakningsobjektet.

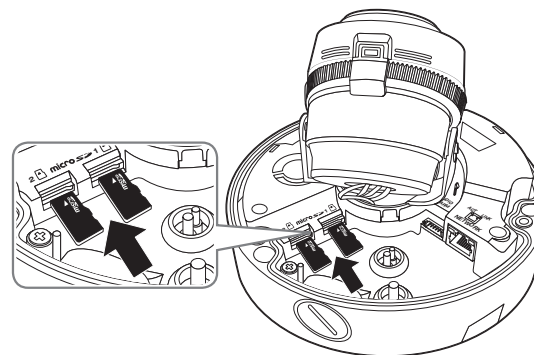
MATA IN/MATA UT MICRO SD-MINNESKORT



- 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 produktlådan ska slutföras inom 5 minuter, annars finns det risk för invändig kondens.

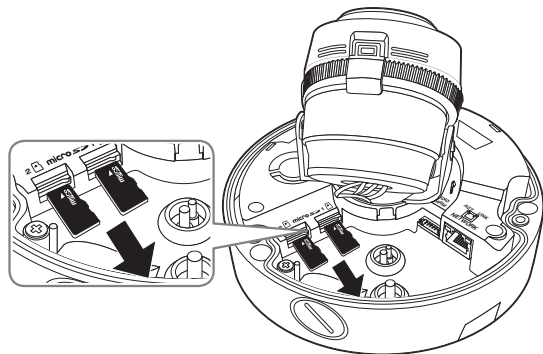
Mata in ett Micro SD-minneskort

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



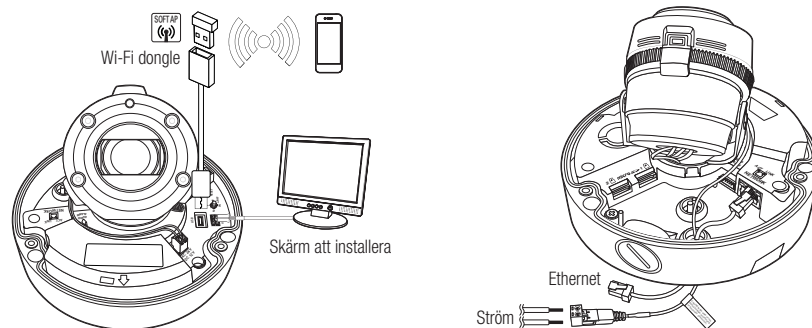
Mata ut ett Micro SD-minneskort

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



- ! Om du trycker för hårt på Micro SD-minneskortet kan det göra att kortet kommer ut okontrollerat ur kortplatsen när det matas ut.
- Innan du tar ut Micro SD-minneskortet i <Lagring>, konfigurerar du enheten till <Av> och trycker på knappen [Tillämpa] och stänger av kameran.
- Om du stänger av kameran eller tar ut Micro SD-minneskortet som innehåller data från produkten kan datan gå förlorad eller skadas.

ANSLUTNING TILL EN ANNAN ENHET



- ! Produkternas CVBS-utterminal medföljer för att förenkla installationen och rekommenderas inte för övervakningsändamål.
- Produkternas Micro USB-utterminal medföljer för att förenkla installationen och rekommenderas inte för övervakningsändamål.

Ethernet-anslutning

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

Koppla in Wi-Fi

Kamerainställningar

1. Anslut OTG-adaptorn (5 stift) och WiFi-dongle till micro USB-terminalen.

Smartphoneinställningar

1. Installera Wisenet Installation-applikationen.
2. Välj kamera SSID efter att du slagit på WiFi.
3. Kör Wisenet Installation-applikationen.
4. När du loggar in på kameran ansluts videon (initialt lösenord: 4321)
 - Videon spelas upp utan inloggning under den initiala anslutningen.
5. Du kan justera visningsvinkeln när du tittar på video genom din smartphone.

Rekommenderad dongle-tillverkare

Tillverkare	Modell
NETIS	WF2123 n300
EDIMAX	EW-7811Un
IP Time	N100mini
TP-LINK	TL-WN823N V1
ASUS	USB-N13
NETGEAR	WNA3100M

Strömkälla

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

- Om PoE och DC 12 V eller PoE och AC 24 V används samtidigt drivs utrustningen med den externa källan (AC 24 V, DC 12 V).
 - 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 använder en enda strömkälla för utrustningen, däribland PoE, DC 12 V och AC 24 V.
- Var försiktig så att du inte vander polerna när du ansluter strömkabeln.
- AC 24 V kan anslutas i icke-polär förening.
- Om du vill ansluta en extern enhet måste du först slå av den.
- Anslut först apparaten och strömadaptern. Anslut därefter strömkabeln till uttaget på på väggen.

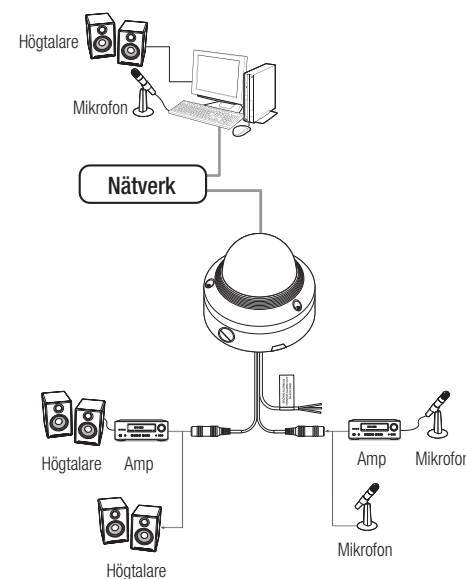
Specifikation för strömkabel för varje modell

Modell	Ingående effekt	Kabeltyp (AWG)	Kabellängd (Max.)
XNV-6080RS/8080RS/6120RS	DC 12V	#18	19m
		#16	30m
	AC 24V	#20	26m
		#18	40m

Specifikation för nätverkskabel

Artikel	Innehåll	Anmärkning
Anslutningsanordning	RJ45	
Ethernet	10/100BASE-T	
Kabel	UTP Kategori 5e	
Max avstånd	100 m	DC-resistens ≤ 0.188 Ω/m
Stöd för PoE	IEEE 802.3af	

Ansluta till ingående/utgående ljud



1. Anslut porten AUDIO IN på kameran med mikrofonen eller med porten LINE OUT på förstärkaren som mikrofonen är ansluten till.
2. Anslut porten AUDIO OUT på kameran med högtalaren eller med porten LINE IN på förstärkaren som högtalaren är ansluten till.
3. Kontrollera specifikationerna för ljudingång.

• Audio Codec

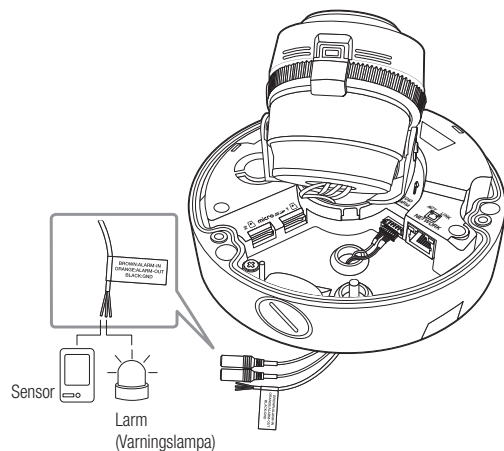
- Ljud In : G.711 PCM (Bithastighet: 64kbps / Samplingsfrekvens: 8kHz), G.726 ADPCM (Bithastighet: 16Kbps, 24Kbps, 32Kbps, 40Kbps/Samplingsfrekvens: 8kHz), AAC (Bithastighet: 48Kbps / Samplingsfrekvens: 16kHz)
- Ljud Ut : G.711 PCM (Bithastighet: 64kbps / Samplingsfrekvens: 8kHz)

• Full duplex Audio

- **Audio in** : Valfri (mikrofon/linje in), spänning som stöds: 2,5 V DC (4 mA), ingångsimpedans: 2 k Ohm
- **Audio out** : Linje ut (3,5 mm monouttag), max uteffekt: 1 vms
- **Impedans för linje ut** : 600Ω

Anslutning till I/O-portboxen

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



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



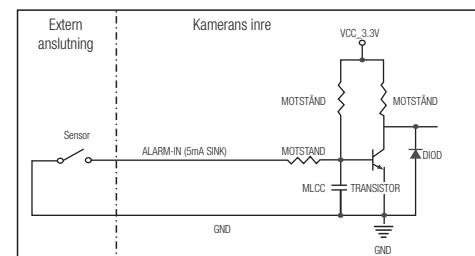
- Om enheter (t ex blinkande ljus eller siren) som överstiger specifikationerna för spänning och strömstyrka ansluts med open collector-metoden kan fel uppstå.

Se "Kopplingsschema för Alarm-ut" när du ansluter enheter som överstiger specifikationerna för spänning och ström. (sidan 18)

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

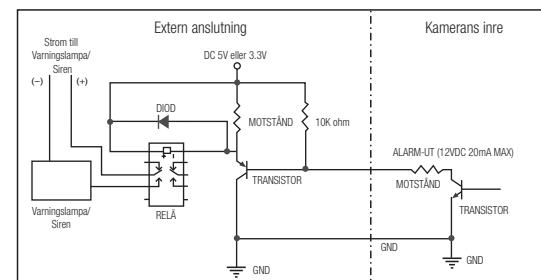


För att ansluta alarm-ut

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

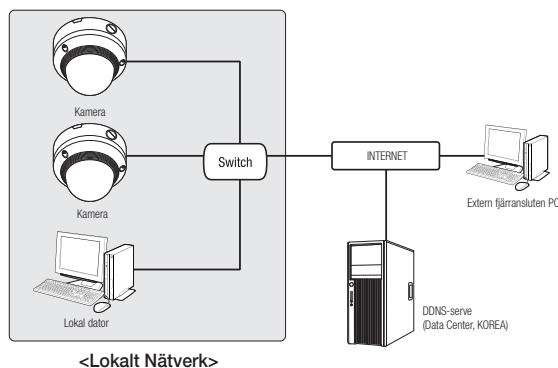


Du kan göra nätverksinställningar enligt dina nätverkskonfigurationer.

ANSLUTA KAMERAN DIREKT TILL LOKALT NÄTVERK

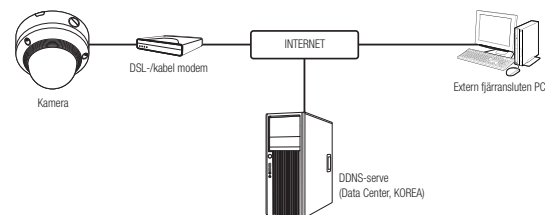
Ansluta till kameran från en lokal dator i nätverket

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.
- I Device Manager kan du använda det initiala lösenordet, "4321" för att ställa in IP-adress, Subnätmask, Gateway, HTTP-port, VNP-port och IP-typ. Efter byte av nätverksgränssnittet ska du öppna webbtjänsten och ändra lösenordet för högre säkerhet.
- 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 21)

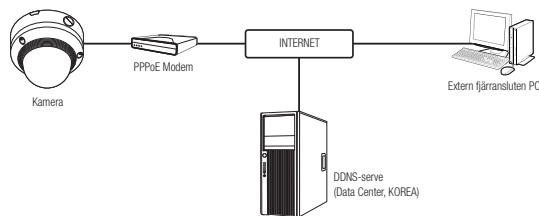
ANSLUTA KAMERAN DIREKT TILL ETT DHCP-BASERAT DSL/KABELMODEM



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 Webbtjänsten.
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 onlinehjälpen för webbtjänsten.
- För information om hur du konfigurerar IP-format, se onlinehjälpen för webbtjänsten.

ANSLUTA KAMERAN DIREKT TILL ETT PPPoE-MODEM

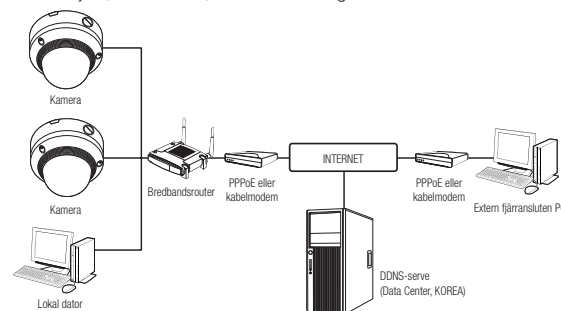


1. Anslut användar-PC:n direkt till nätverkskameran.
2. Kör Device Manager för att ändra kamerans IP-adress så att du kan använda webbläsaren i din dator för att ansluta till internet.
3. Använd Internet-klienten för att ansluta till Webbvisning.
4. Gå till sidan **[Inställningar]**.
5. Gå till **[Nätverk]** – **[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-Gatwa : 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 23)

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.
- VNP Port : Används för att kontrollera videosignalöverföringen, med 4520 som standard.
- 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 23)

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	192.168.1.101
	Subnet Mask	255.255.255.0	255.255.255.0
	Gateway	192.168.1.1	192.168.1.1
Portrelaterade inställningar	HTTP Port	8080	8081
	VNP Port	4520	4521
	RTSP Port	554	555



- Om <HTTP Port> är inställt 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

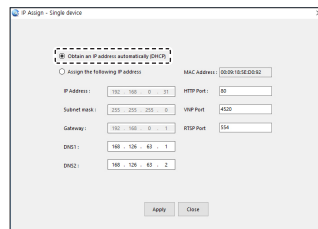
- Klicka på knappen [Tillämpa].
- Om meddelandet om genomförd åtgärd visas, klicka på [OK].

Konfigurera dynamisk IP

Erhålla IP-adress från DHCP

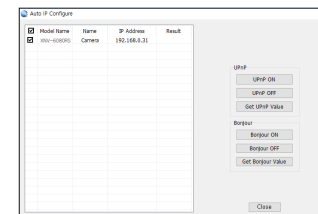
- Exempel på dynamisk IP-miljö
 - Om en Bredbandsrouter, med anslutna kameror, tilldelas en IP-adress av DHCP-servern
 - Om kameran ansluts direkt till modemmet med DHCP-protokoll
 - Om IP-adresser tilldelas av den interna DHCP-servern via LAN

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



AUTOMATISK KONFIGURERING AV IP

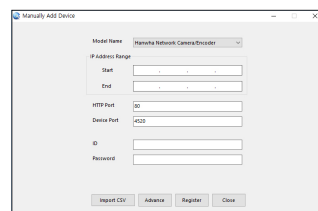
1. I listan klickar du på kameran som du vill konfigurera IP-inställningen för automatiskt.
2. Klicka på **<+ >** på Device Managers huvudsida.
 - Utrustningens inställningsmeny visas.
3. Klicka på **<Auto IP Configure (Auto-IP-konfigurera)>** i menyn.
4. Klicka på knappen **[Close (Stäng)]**.



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.

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

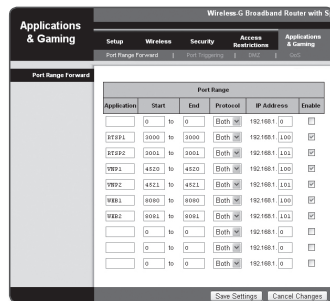


PORTINTERVALLSINSTÄLLNING FRAMÅT (PORTMAPPING)

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.

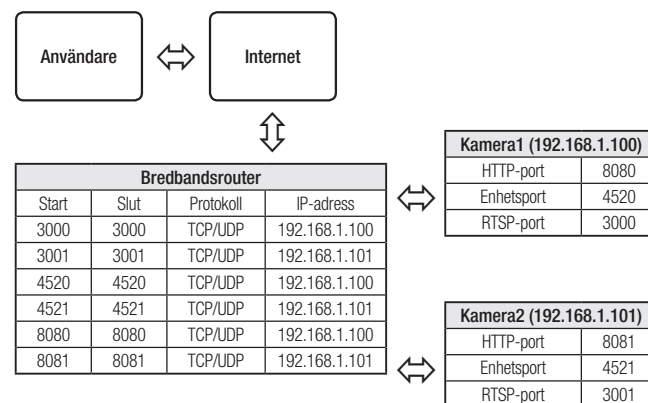


- Inställningen Portvidarebefordran är ett exempel på inställning för CISCO IP-router.
- Inställningarna kan variera beroende på ansluten Bredbandsrouter modell.
För vidare information, se användarhandboken för tillämplig router.

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, ställ <Snabbanslutning> av <Samsung DDNS> på <På> i menyn för "Inställningar → Nätverk → DDNS".
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>

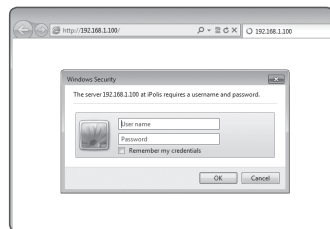


- För att använda Wisenet DDNS registrerar du dig på Wisenet DDNS hemsida (<http://ddns.hanwha-security.com>) och registrerar produkten på **[Mitt DDNS]>[Registrera produkt]**.

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) URL-adress: 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.

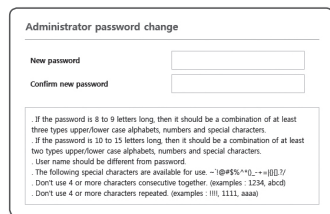
För att registrera enheten till <DDNS>-servern, besök sidan <http://ddns.hanwha-security.com> och registrera enheten först och ställ sedan in webbläsningens <Nätverk> - <DDNS> till <Wisenet DDNS>, samt erbjuda <Produkt-ID> som har använts för DDNS-registreringen.

LÖSENORDSINSTÄLLNING

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

När fönstret för "Lösenordsändring" visas anger du ett nytt lösenord.

- 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.



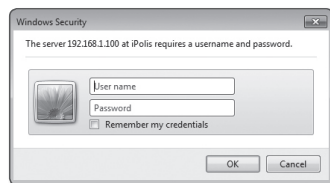
INLOGGNING

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.



PLUGIN-PROGRAMMET HAR STÖD FÖR ALLA WEBBLÄSARE

Det befintliga plugin-webbvisaren och en ny kostnadsfri webbvisare är inbäddade tillsammans.

Detta gör det möjligt för dig att använda webbvisningsverktyget i nyare webbläsarmiljöer, som inte stöder plugin-program, såsom Chrome, EDGE och Firefox (endast Windows 64 bitar). För webbläsare som medger installation av plugin-lösningar, såsom IE och Safari, installerar du plugin-lösningar enligt rekommendationerna.

Beroende på webbläsaren följande skillnader kan finnas:

- **Chrome, FireFox (endast Windows 64 bitar), EDGE, och Safari:** Webbläsarmiljön medger inte användning av plugin-lösningar, men med den plugin-fria webbvisaren installerad kan du använda webbvisning.
 - Plugin-fria webbvisare kan ha lägre prestanda än plugin-baserade webbvisare beroende på video codec och upplösning.
 - Vid fördröjningar i live-video, skapas en plugin-fri profil (HD (1280x720) och 20 FPS för H.264) automatiskt.
 - Det kan förekomma fördröjningar i uppspelning beroende på codec och upplösning.
 - Den plugin-fria funktionen har optimerats för Chrome.
- **Webbläsarna IE, Safari :** Även om du inte installerar plugin-lösningen från den befintliga plugin-webbvisaren kan du använda webbvisaren med begränsad function.
 - Du måste installera en plugin-webbläsare om du vill vill övervaka/spela upp sparade videor utan avbrott.

INSTALLERA WEBVIEWER PLUGIN

Om du försöker få åtkomst till den plugin-fria webbvisaren från IE och begär en live-vy med ett annat codec än det som just nu spelar upp, eller försöker använda funktionen för inspelad videouppspelning, visas ett installationsmeddelande.

Vid den här tidpunkten måste webbvisar-plugin-lösningen installeras för att funktioner ska användas normalt.

1. När du får åtkomst till övervakningssidan för första gången visas installationssidan. Klicka på **[Download plugin]** för att påbörja installationen.



- Om nedladdningsstatus för insticksprogrammets installationsfil stannar på 99% i Internet Explorers webbläsare, försök igen efter att du har valt "Koppla bort SmartScreen-filtter" i "Verktyg → SmartScreen filter".

2. Klicka på **[Run]** i meddelandefönstret.
3. Klicka på **[Yes]** när meddelandefönstret säger att alla webbläsarfönster kommer att stängas.



- Steg 4 och 5 hoppas över om inget Web Viewer-insticksprogram har installerats.

4. Om den gamla versionen av Web Viewer-insticksprogrammet är installerad, visas ett meddelandefönster som säger att den gamla versionen kommer att raderas. Klicka på **[Yes]** när meddelandefönstret visas.
5. Klicka på **[OK]**.
Den gamla versionen av Web Viewer-insticksprogrammet raderas.
6. Klicka på **[Install]** för att påbörja installationen av Web Viewer-insticksprogrammet.
7. Klicka på **[Finish]**.
Installationen av Web Viewer-insticksprogram är slutförd.

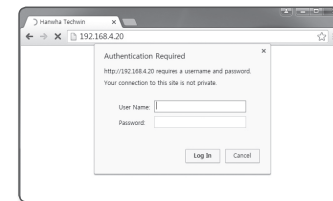


- Om du i din Internet explorer behöver gå till installationsskärmen efter installation av webbvisningsplugin, ska du kontrollera om menyn `webviewer_activeplugin_lib.control` in the "Tool → Additional Function Management" är "Aktiverad". Om inte, och om det finns kvar ett problem, väljer du "Verktyg → Internetalternativ → Allmänt" och radera alla sökregistreringar. Om problemet kvarstår, vänligen registrera din kameras IP eller domän i "Verktyg → Internetalternativ → Säkerhet → Tillförlitliga platser".

ANVÄNDA EN KOSTNADSFRI PLUGIN-WEBBVISARE

Trots att det inte går att installera plugin-lösningar separat om du öppnar kameran från Google Chrome, Mozilla Firefox, eller MS Edge webbläsaren, kan du visa och styra kameran utan att installera plugin-lösningar.

1. Logga in genom att ange ditt användarnamn och lösenord.
2. När du är inloggad visar kameran en live-skärm.



Så här konfigurerar du kameran

1. Klicka på ikonen **[Konfiguration (⚙)]**.
2. Inställningsfönstret visas.
3. Det går att hantera inställningarna för kamerans grundinformation, PTZ, video och ljud, nätverk, händelse, analys, system och öppen plattform via nätverket.
4. Klicka på **<Hjälp (?)>** för att visa detaljerade beskrivningar av varje funktion.

SPECIFIKATIONER

Artiklar		Beskrivning		
		XNV-6080RS	XNV-8080RS	XNV-6120RS
Video	Bildenhet	1/2.8" 2M CMOS	1/1.8" 6M CMOS	1/2.8" 2M CMOS
	Totalt antal pixlar	1945(H) x 1109(V) 2.16M	3096(H) x 2094(V)	1945(H) x 1109(V) 2.16M
	Effektiva pixlar	1945(H) x 1097(V) 2.13M	2616(H) x 1976(V)	1945(H) x 1097(V) 2.13M
	Skanningssystem	Progressiv skanning		
	Min. upplysning	Färg : 0.015 lux(F1.4, 1/30sek), B/W : 0 lux(IR LED På)	Färg : 0.07 lux(F1.3, 1/30sek), B/W : 0 lux(IR LED På)	Färg : 0.03 lux(F1.6, 1/30sek), B/W : 0 lux(IR LED På)
	S/N-kvot	50dB		
	Video ut	CVBS : 1.0 Vp-p / 75Ω komposit, 720x480(N), 720x576(P), för installation USB : Micro USB typ B, 1280X720, för installation		
Objektiv	Fokallängd (zoomförhållande)	2.8~12mm(4.3x) Motoriserad varifokal	3.9~9.4mm(2.4x) Motoriserad varifokal	5.2~62.4mm(Optisk 12X)
	Max. bländarförhållande	1.4(vidvinkel) ~ 3.6(Tele)	F1.3	1.6(vidvinkel) ~ 3.0(Tele)
	Vinkel på visningsfält	H : 119.5°, V: 62.8°, D : 142.1° H : 27.9°, V: 15.7°, D: 32.0°	H : 92.1°, V : 67.2°, D : 119.9° H : 38.7°, V : 29.0°, D : 48.6°	H : 54.58°(vidvinkel) ~ 5.30°(Tele) / V : 32.19(vidvinkel) ~ 3.00°(Tele) / D : 61.40°(vidvinkel) ~ 6.06°(Tele)
	Min. avstånd till objekt	0.5m (1.64ft)		2.1m (6.89ft)
	Fokuskontroll	Enkel fokus (Motoriserad varifokal / Manuell – Fjärrkontroll via nätverk (Manuell, Enkel fokus)		Auto / Manuell / Entrycks AF
	Objektivtyp	DC Auto Iris, P-iris		DC Auto Iris
	Monteringstyp	Inbyggd korttyp		
Pan / Tilt / Roter	Område för panorering/ lutning/rotation	0° ~ 354° / 0° ~ 67° / 0° ~ 355°		0° ~ 354° / 0° ~ 75° / 0° ~ 355°

Artiklar	Beskrivning		
	XNV-6080RS	XNV-8080RS	XNV-6120RS
Visningsbar längd	50m(164.04ft)		70m(229.66ft)
Kameratitel	Av / På (visas med 85 tecken) - B/B: Engelska/numeriska/specialtecken - Vanligt: Flerradigt (Max 5), Färg (grå/grön/röd/blå/svart/vit), transparens, autoskala enligt upplösning		
Dag och natt	Auto (ICR) / Färg / Svartvit / Extern / Schema		
Mottjuskompensation	AV / BLC / HLC(Maskering/Gråmarkering) / WDR		
Brett dynamiskt intervall	150dB	120dB	150dB
Kontrastförstärkning	SSDR (Av / På)		
Digital brusreducering	SSNR5 (2D+3D brusfilter) (Av / På)		
Digital bildstabilisering	Av/på		Av/På (inbyggd gyro-sensor)
Dimborttagning	Auto/Manuell/Av		
Rörelsedetektering	Av/på (8ea, Polygona zoner med 8 punkter), överlämning		
Sekretessmask	Av / På (32ea, Polygona zoner) - Färg: grå, grön, röd, blå, svart, vit - Mosaik		
Gain-kontroll	Av / Låg / Medel / Hög	Av / Låg / Medel / Hög / Manuell	Av / Låg / Medel / Hög
Vitbalans	ATW / AWC / manuell / inomhus / utomhus (innehåller kvicksilver och natrium)		
Kontrast	nivåinställning		
LDC	På/av (5 nivåer med min/max)		
Elektronisk slutarhastighet	Minimum / Maximum / Antiflimmer (2 ~ 1/12,000 sek)		
Digital PTZ	24X, Digital PTZ (förinställning, grupp)		24X
Förinställning	-		300ea

Artiklar		Beskrivning		
		XNV-6080RS	XNV-8080RS	XNV-6120RS
Användning	Vänd/Spegel	Rotation: På/Av Spegelvänd: På/Av Hall: 90°/270°		
	Video- och ljudanalys	Modifiering, fördröjning, riktningsdetektering, avfokuseringsdetektering, dimdetektering, virtuell inje, ingång/utgång, visa/dölj, ljuddetektering, ansiktsdetektering, rörelsedetektering, digital autosparning, ljudklassificering		
	Alarm I/O	Utgång 1ea / Ingång 1ea		
	Alarmutlösare	Alarmingång, rörelsedetektering, video- och ljudanalys, nätverksfrånkoppling		
	Alarmhändelser	- Filöverföring via FTP, e-post - Meddelande via e-post - Inspelning på lokal lagringsenhet (SD/SDHC/SDXC) eller NAS i fränkopplat nätverk och vid händelse (alarmutlösare) - Extern utgång - DPTZ-förinställning		
	Pixelräknare	Stöd		
	Ethernet	RJ-45 (10/100BASE-T)		
Nätverk	Video komprimerings format	H.265/H.264 (MPEG-4 del 10/AVC) : Main/Baseline/High Motion JPEG		
	Upplösning	XNV-6080RS/XNV-6120RS : 1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240 XNV-8080RS : 2560x1920, 2560x1440, 1920x1080, 1600x1200, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240		
	Max. ramhastighet	H.265/H.264 : Max 60fps vid alla upplösningar Motion JPEG : Max 30fps	H.265/H.264 : Max 30fps vid alla upplösningar Motion JPEG : Max 30fps	H.265/H.264 : Max 60fps vid alla upplösningar Motion JPEG : Max 30fps
	Smart Codec	Manuellt läge (områdesbaserat: 5 ea)		

Artiklar		Beskrivning		
		XNV-6080RS	XNV-8080RS	XNV-6120RS
Nätverk	WiseStream II	Stöd		
	Videokvalitetsjustering	H.264/H.265 : Målbithastighetskontroll MJPEG : Målbithastighetskontroll		
	Metod för bildhastighetskontroll	H.264/H.265 : CBR eller VBR Motion JPEG : VBR		
	Strömningskapacitet	Multiströmning (upp till 10 profiler)		
	Audio In	Valfri (Mic IN/Line IN) Matningsspänning: 2.5VDC(4mA), Ingångsimpedans: approx. ca. 2000 Ohm		
	Audio ut	Linje ut, Max uteffekt: 1 vrms		
	Ljudkomprimeringsformat	G.711 µ-law /G.726 Valbar G.726 (ADPCM) 8KHz, G.711 8KHz G.726 : 16Kbps, 24Kbps, 32Kbps, 40Kbps AAC-LC : 48 kbit/s vid 8/16/32/48 KHz		
	Ljudkommunikation	Dubbelriktad		
	IP	IPv4, IPv6		
	Protokoll	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour		
	Säkerhet	HTTPS(SSL) inloggningsautentisering Digest inloggningsautentisering IP-adressfiltrering användaråtkomstlogg 802.1X autentiseringsmetod (EAP-TLS, EAP-LEAP)		
	Strömningsmetod	Unicast / Multicast		
	Max. användaråtkomst	20 användare i Unicast-läge		

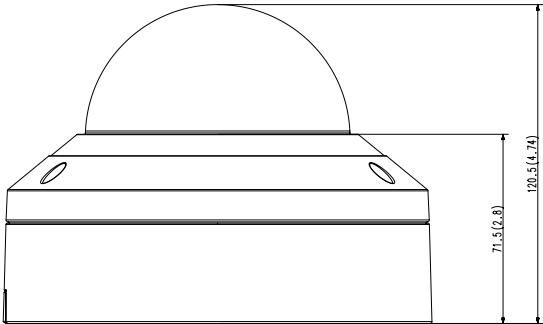
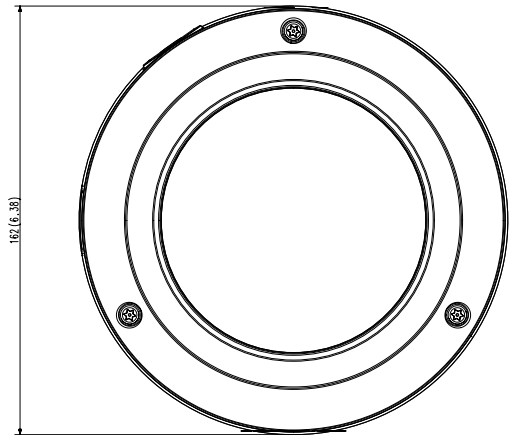
Artiklar		Beskrivning		
		XNV-6080RS	XNV-8080RS	XNV-6120RS
Nätverk	Edge-lagring	SD/SDHC/SDXC 2 fack (upp till 512 GB) - Kontinuerlig inspelning (1:a facket till 2:a facket) - Rörelsebilder inspelade på SD/SDHC/SDXC-minneskort kan hämtas. NAS(Network Attached Storage) Lokal dator för direkt inspelning		
	Programmeringsgränssnitt	ONVIF Profile S/G SUNAPI(HTTP API) Öppen plattform		
	Webbsidspråk	Engelska, Koreanska, Franska, Tyska, Spanska, Italienska, Kinesiska, Ryska, Japanska, Svenska, Portugisiska, Tjeckiska, Polska, Turkiska, Holländska, Ungerska, Grekiska		
	Webbviewer	Operativsystem som stöds : Windows 7 / 8.1 / 10, MAC OS X 10.10, 10.11, 10.12 Kostnadsfri plugin-webbvisare Webbläsare som stöds : Google Chrome, MS Edge, Mozilla Firefox (endast Windows 64 bitar), Apple Safari 10 (Endast stöd i Mac OS X) Plug-in web viewer Webbläsare som stöds : MS Explore 11, Apple Safari (Endast stöd i Mac OS X)		
	Central hanterings program	SmartViewer, SSM		
Omgivande miljö	Drifttemperatur/Luftfuktighet	-40°C ~ +55°C (-40°F ~ +131°F) / Mindre än 90 % RH		-40°C ~ +55°C (-40°F ~ +131°F) / Mindre än 90% RH *Starta bör ske vid över -35°C(-31°F)
	Förvaringstemperatur / Luftfuktighet	-50°C ~ +60°C (-58°F ~ +140°F) / Mindre än 90 % RH		
	Vattentäthet	IP66, NEMA 4X		
	Stötskydd	IK10+(50J)		

Artiklar		Beskrivning		
		XNV-6080RS	XNV-8080RS	XNV-6120RS
Elektricitet	Volt/ström	24VAC ± 10%, 12VDC ± 10%, PoE (IEEE802.3af)		
	Strömförbrukning	Max. 11.5W (12VDC), Max. 12.95W (PoE), Max. 14W (24VAC)		
Mekanik	Färg / Material	Silver / SUS316L		
	Mått (ØxH)	Ø 162 X H120.5mm (Ø6.38" x 4.74")		Ø 162 X H134.5mm (Ø6.38" x 5.3")
	Vikt	2.8kg		2.7kg

PRODUKTÖVERSIKT

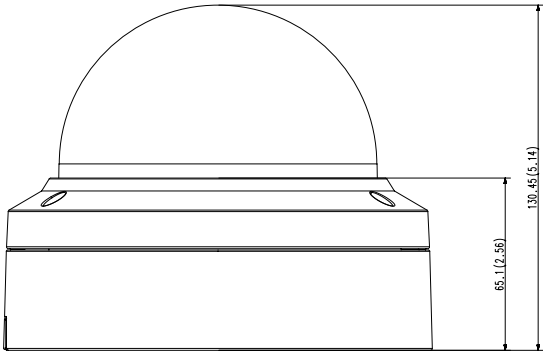
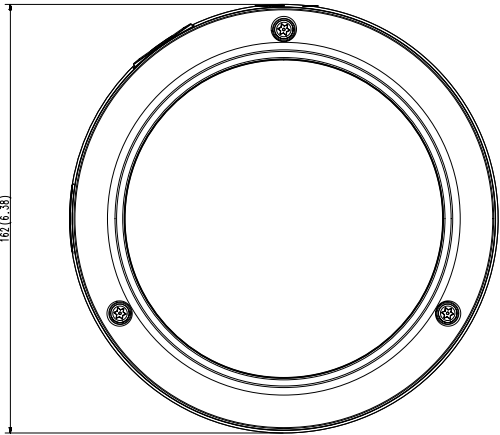
XNV-6080RS/XNV-8080RS

Enhet : mm (tum)



XNV-6120RS

Enhet : mm (tum)



FELSÖKNING

PROBLEM	LÖSNING
När en användare av Windows 10 öppnar webbvisningsverktyget genom Chrome eller Firefox ändras volymen på mikrofonen med jämna mellanrum.	• Detta är det som händer när mikrofonens drivrutin har ställts in på Realtek driver. Installera högupplöst ljudenhet (Windows standarddrivrutin) eller drivrutinen för tredje part som mikrofondrivrutin.
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.
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
Röst spelas inte in även om ljudingångsinställningarna konfigureras.	• Markera kryssrutan <Ljudingång> i <Grund> - <Videoprofil>.
<Rörelsedetektering> för <Analys> är inställd på <Aktivera>, men inga meddelanden via e-post når mig, även om en analyshändelse har uppstått.	• Verifiera inställningarna i följande sekvens: A. Kontrollera inställningarna för <Datum och tid>. B. <Rörelsedetektering> ska ställas in på <Aktivera>. C. Kontrollera om alternativet <e-post> för <Händelseinställningar> har markerats för användning.
Ingen signal hittades i porten för alarmutgång även när en intelligent videoanalys genererades.	• Kontrollera inställningar för utgående alarmporten.
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 minneskorts 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	
zerocoinf	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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Version 2, June 1991

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- Version 1.1

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revised on June 17, 2004
revised on December 21, 2006
revised on March 24, 2009

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zlib-1.2.8	zlib / libpng	http://zlib.net/

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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).

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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.



Korrekt avfallshantering av produkten (elektriska och elektroniska produkter)

Denna markering på produkten, tillbehören och i manualen anger att produkten och de elektroniska tillbehören (t.ex. laddare, headset, USB kabel) inte bör sorteras tillsammans med annat hushållsavfall när de kasseras. Till förebyggande av skada på miljö och hälsa bör dessa föremål hanteras separat för ändamålsenlig återvinning av beståndsdelarna.

Hushållsanvändare bör kontakta den återförsäljare som sålt produkten eller sin kommun för vidare information om var och hur produkten och tillbehören kan återvinnas på ett miljösäkert sätt.

Företagsanvändare bör kontakta leverantören samt verifiera era angivna villkor i köpekontraktet. Produkten och de elektroniska tillbehören bör inte hanteras tillsammans med annat kommersiellt avfall.



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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