wisenet

NÄTVERKSVIDEODEKODER KONSOL

Bruksanvisning

SPD-1660R

CE

Nätverksvideodekoderkonsol
Bruksanvisning

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Logotypen

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.

Begränsning

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- **Utseendet och specifikationerna kan ändras utan föregående meddelande.**
- **Det initiala administratörs-ID:t är "admin" och lösenordet ska ställas in vid första inloggningen.**
  Ändra lösenordet var tredje månad för att skydda personlig information och förhindra skada till följd av informationsstöld.
  Observera att säkerheten och andra problem som orsakas av felhantering av lösenord är användarens ansvar.

VIKTIGA SÄKERHETSANVISNINGAR

Läs de här användaranvisningarna noggrant innan du använder enheten.
Följ alla säkerhetsanvisningar som anges nedan.
Förvara de här användaranvisningarna på ett lättåtkomligt ställe för framtida referens.

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 recepterorer 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.

INNAN DU BÖRJAR

Denna manual innehåller nödvändig driftsinformation för att använda produkten och en beskrivning över varje del och dess funktion samt meny- eller nätverksinställningar.
Du behöver komma ihåg följande meddelanden :

- Hanwha Techwin bibehåller all upphovsrätt till den här bruksanvisningen.
- Den här bruksanvisningen får inte kopieras utan föregående skriftligt samtycke från Hanwha Techwin.
- Vi ansvarar inte för någon förlust av produkten som uppstår till följd av att produkten inte används korrekt eller att användaren bryter mot instruktionerna som beskrivs i den här bruksanvisningen.
- Om du vill öppna kåpan för att kontrollera problem ska du kontakta butiken där du köpte produkten.

Varning

Batteri

Om du byter till ett felaktigt batteri i produkten kan det orsaka explosion. Därför måste du använda samma typ av batteri som det som innan har använts i produkten.
Nedan följer specifikationer för det batteri du använder nu.

- Normal spänning : 3V
- Normal kapacitet : 210mAh
- Oavbruten standardlast : 0,4mA
- Driftstemperatur : 20°C ~ +60°C (-4°F ~ +140°F)

Försiktig

- Anslut strömsladden till ett jordat uttag.
- Huvudkontakten används som urkopplingsenhet och ska vara fullt åtkomlig och funktionsduglig hela tiden.
- Batterier ska inte utsättas för överdriven hetta, exempelvis sol, eld eller liknande.
- Det finns risk för explosion om batteriet byts mot ett av fel typ. Avyttra använda batterier i enlighet med anvisningarna.

Driftstemperatur

Den garanterade driftstemperaturen för produkten är 0°C ~ 40°C (32°F ~ 104°F).
Den här produkten kanske inte fungerar som den ska om du kör den direkt efter en lång tid av förvaring och om temperaturen ligger under den rekommenderade.
När du använder enheten efter en lång tids förvaring i låg temperatur ska du placera produkten i rumstemperatur en stund och sedan starta den. Se till att produkten lagras under lämpliga temperaturförhållanden.

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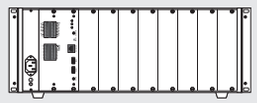
EGENSKAPER

Den här produkten kan övervaka video och ljud från nätverkskameror.
Erbjuder en miljö där du kan konfigurera den här produkten på datorn.

- Användarvänligt gränssnitt
- Stöder olika 4K kameraupplösningar 3840x2160@60HZ/30HZ (endast HDMI-HDMI 1)
- Stöder upp till 16 skärmar (2 utgångar per dekoder (4K, 1080P) och en separat VGA (klon))
- HDMI-ingång (PC-ingång / endast 1 port)
- Stöder ONVIF Profile S-standard och RTP-/RTSP-protokoll
- Kan jag registrera upp till 128 kanaler
- Alarmingång/-utgång
- Stöder sammanfogning mellan skärmar
- Stöder olika användardefinierade layouter

Förpackningens Innehåll

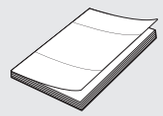
Ta upp produkten ur förpackningen och placera den på en plan yta, eller där den ska installeras.
Kontrollera att följande innehåll medföljer huvudenheten.



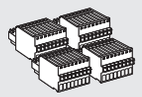
Dekoder



Strömkabel



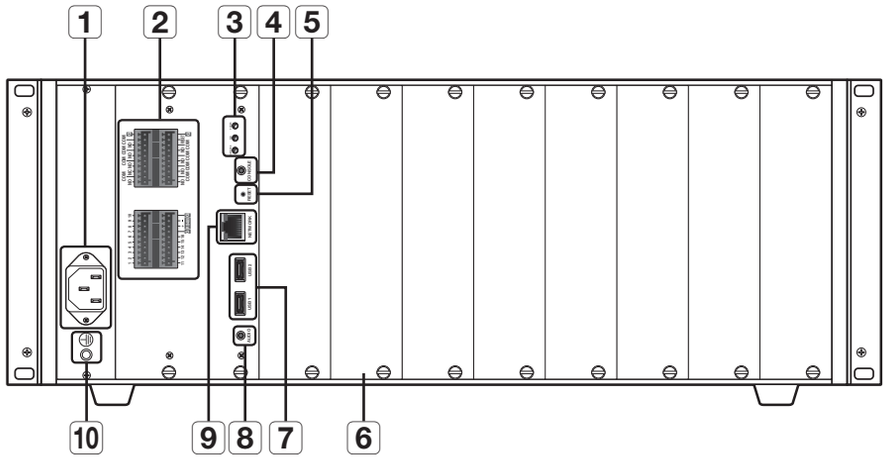
Snabbmanual



Kopplingsplint

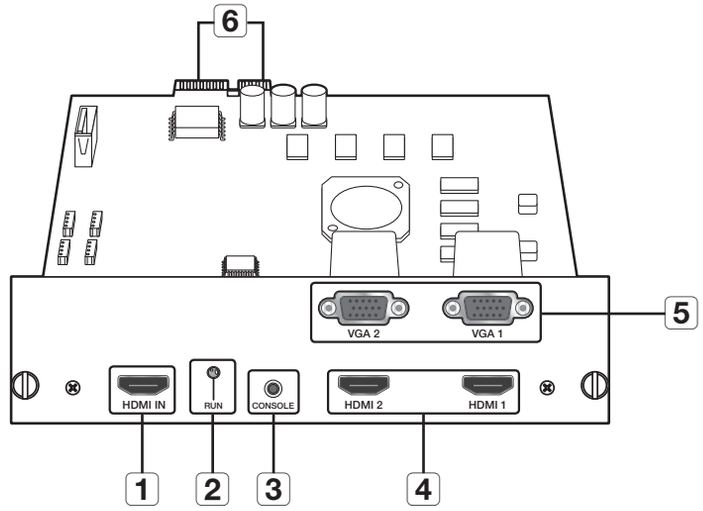
DELARNAS NAMN OCH FUNKTIONER

SPD-1660R



Delarnas namn		Funktioner
1	**Ström**	Nätingång.
2	**ALARM**	- ALARM IN : Ingående Alarmport (1~16 CH) - ALARM RESET : Återställningsalarmport. - ALARM OUT : Utgående Alarmport. (1~8 CH)
3	**Indikator**	**POWER** : Visar på/av-status.
		RUN : Visar åtgärdsstatus.
		NETWORK : Visar nätverksanslutninsstatus.
4	**CONSOLE**	Det här är en enhet för efterhandsförsäljning. (Kan inte användas av användaren)
5	**RESET**	Återtäller lösenordet.
6	**SPD-260B Monteringsfack**	Det här är ett fack för montering av bladt (SPD-260B). Åtta fack är tilldelade från 1 till 8, med början från alternativet längt till vänster och sedan installeras bladet (SPD-260B) och facken är specificerade för att vänta från fack 1 i rätt ordnign.
7	**USB**	Det här är en enhet för efterhandsförsäljning. (Kan inte användas av användaren)
8	**AUDIO OUT**	Utgångsport (RCA-uttag) för ljudsignalen.
9	**NETWORK**	Den här porten används för kameraanslutning och webbvisaranslutning.
10	**Jordad**	Uttag för att koppla in separat jordningskabel. ▪ Lägg till en jordningskabel för att underbygga säker användning av anordningen.

SPD-260B



Delarnas namn		Funktioner
1	**HDMI IN**	HDMI-videoingångsterminal.
2	**RUN**	Visar åtgärdsstatus.
3	**CONSOLE**	Det här är en enhet för efterhandsförsäljning.
4	**HDMI 1/2**	HDMI kontaktport. ▪ HDMI 1 (Maximal upplösning som stöds : 2160P) ▪ HDMI 2 (Maximal upplösning som stöds : 1080P)
5	**VGA 1/2**	VGA-videoutgång. ▪ Maximal upplösning som stöds 1080P
6	**Uttag**	Den här terminalen ansluter bladet till racket vid inkoppling till bladblocket (SPD-260B).

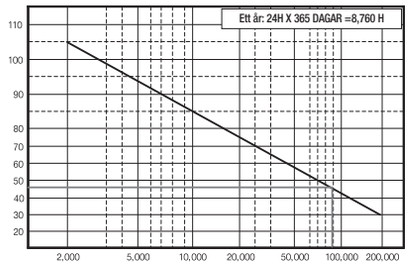
▪ SPD-260B säljs separat.

Läs följande innan du använder produkten.

- Använd inte produkten utomhus.
- Spill inte vatten eller vätska i produktens anslutningsdel.
- Utsätt inte systemet för överdrivna slag eller våld.
- Dra inte i elkontakten med tvång.
- Plocka inte isär produkten på egen hand.
- Överskrid inte angiven ingående/utgående märkspänning.
- Använd bara en certifierad strömsladd.
- För produkter med jordad kabel, använd jordad kontakt.

KONTROLLERA INSTALLATIONSMILJÖN

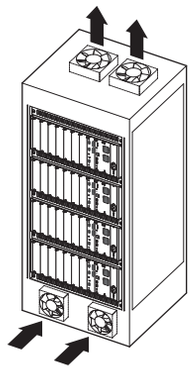
Observera att en för hög intern temperatur i produkten kan orsaka systemfel eller en förkortad livslängd av produkten (se högra figuren). Ta följande instruktioner i åtanke innan du installerar produkten.



[Bild 1]

När produkten monteras i en ställning ska följande instruktioner följas.

1. Se till att fästet inuti inte förseglas.
2. Se till att det får cirkulera luft genom inloppen/utloppen som visas på bilden.
3. Om du staplar produkter eller andra ställningsmonterade enheter som i Bild 2 ska ett rum med ventilation användas eller ventilation installeras.
4. För naturlig luftkonvektion, placera inloppet på undersidan och utloppet på ovansidan.
5. Vi rekommenderar starkt att en fläktmotor installeras vid inlopp och utlopp för bättre luftcirkulation. (Montera ett filer i inloppet till skärmen för att stoppa damm och främmande ämnen).
6. Håll temperaturen på insidan av fästet och i omgivande områden mellan 0°C ~ 40°C (32°F ~ 104°F) så som visas i bild 1.

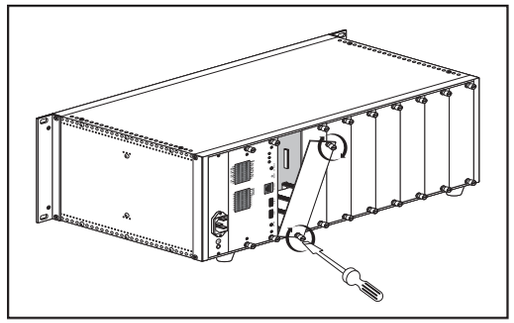


[Bild 2]

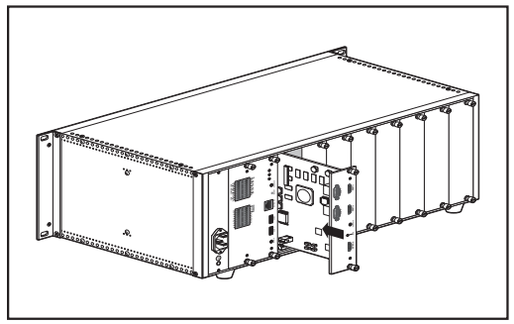
INSTALLERA SPD-260B I SPD-1660R

- Stäng av SPD-1660R och installera bladet (SPD-260B).

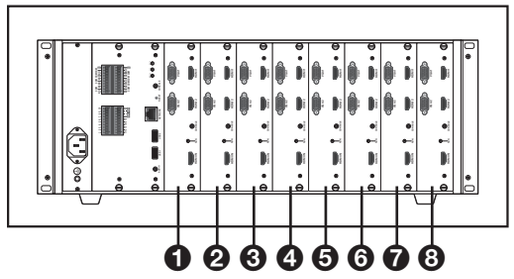
1. Skruva loss båda sidor av luckan på SPD-1660R bladets (SPD-260B) monteringsfack.



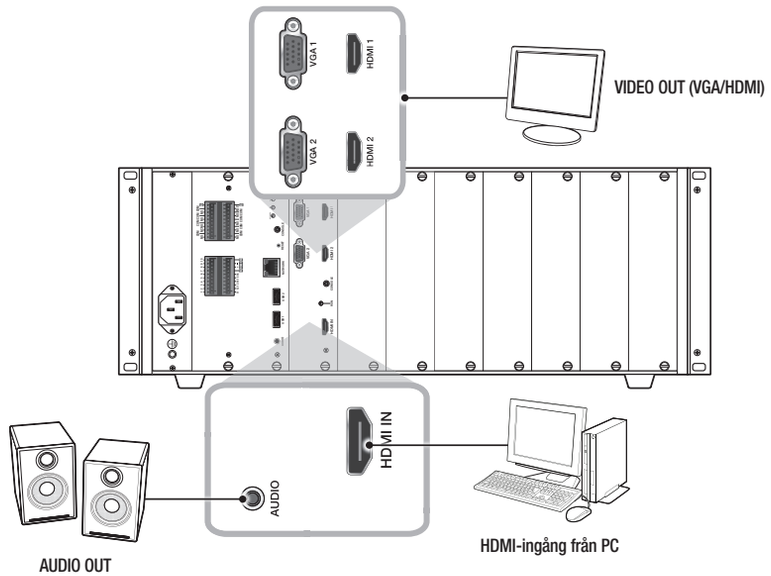
2. För in bladet (SPD-260B) i skårorna på båda sidor, så som visas på bilden,och tryck i pilens riktning.
3. Skjut bladet (SPD-260B) in i racket tills änden av racket passas in och dra åt skruvarna.



- Detta används när alla bladen (SPD-260B) är installerade.
- Montera bladet (SPD-260B) i ordning från vänster (Figur 1).



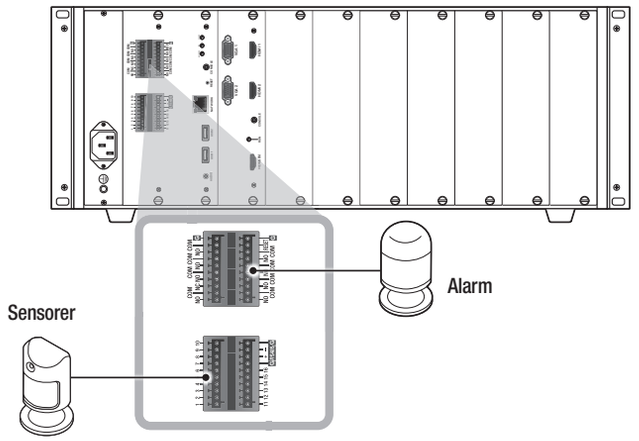
ANSLUTA EN EXTERN ENHET



- Oklassificerade eller felaktiga strömkällor kan orsaka skada på systemet. Kontrollera att du endast använder klassificerade strömkällor innan du slår på strömbrytaren.
- HDMI stöder inte ljudutgång.

ANSLUTNING AV INGÅENDE/UTGÅENDE ALARM

Porten för Ingående/Utgående alarm på baksidan består av följande.

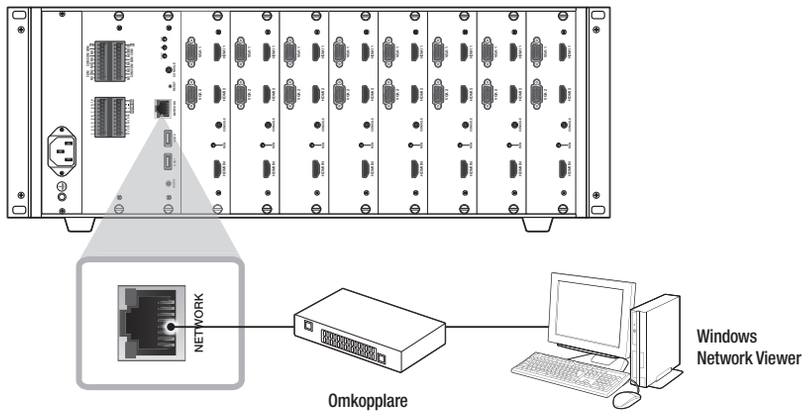


- ALARM IN 1 ~ 16 : Ingående Alarmport
- ALARM RESET : Vid mottagning av Alarmåterställningssignal avbryter systemet den aktuella Alarmingången och återupptar sensorn.
- ALARM OUT 1 ~ 8 : Utgående Alarmport

ANSLUTNING TILL NÄTVERKET

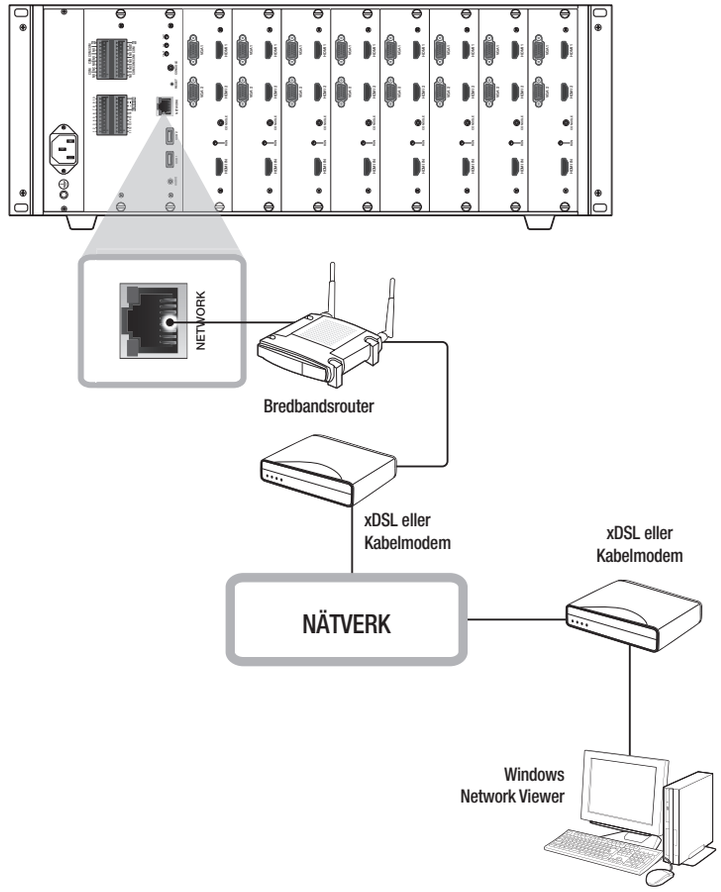
■ Mer information om nätverksanslutning finns under "**Konfigurera Nätverk**". (sidan 24)

Nätverksanslutning via Ethernet (10/100/1000BaseT)



Internetanslutning via PPPoE

Nätverksanslutning via router



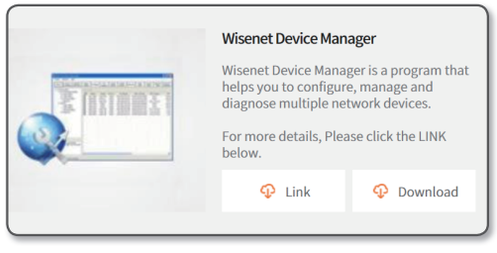
ANVÄNDA DEVICE MANAGER

Med Wisenet Device Manager kan du ställa in och hantera ditt nätverk och enkelt kontrollera nätverksstatusen.

Installera Device Manager

För att ladda ner programmet Device Manager går du till Hanwha Techwins officiella webbplats (http://www.hanwha-security.com).

1. På webbplatsen går du till <**Technical Guides**> – <**Online Tool**> för att ladda ner Wisenet Device Manager.
2. Ladda ner och installera programmet Device Manager.
   - När programmet har installerats kommer det att starta automatiskt.
   - Om du behöver utförligare information om hur man använder Device Manager se <**Help**> i huvudmenyn.



Titta på videoinstruktionen för Device Manager

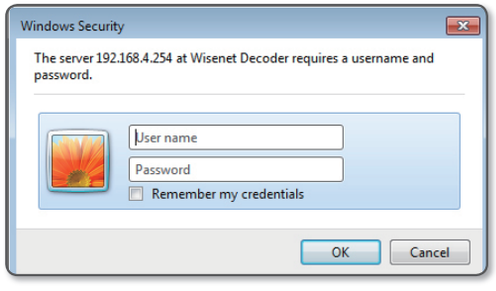
Klicka på < Link > på nedladdningsskärmen för programmet Device Manager.
I videon lär du dig följande.

- Introduktion till Device Manager
- Logga in på produkten och byta lösenord
- Använda projekt
- Ändra produkt-IP
- Kontrollera produktens informationsrapport
- Spara och återställ produktinställningar
- Kamerans videoinställningar
- Kamerans installationsinställningar

SÅ HÄR ANSLUTER DU TILL EN NÄTVERKSDEKODER

I normala ska du

1. Starta Internet-klienten.
2. Ange IP-adressen för nätverksdekodern i adressfältet.
   ex) • IP-adress (IPv4): 192.168.1.200
   → http://192.168.1.200
   - 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.



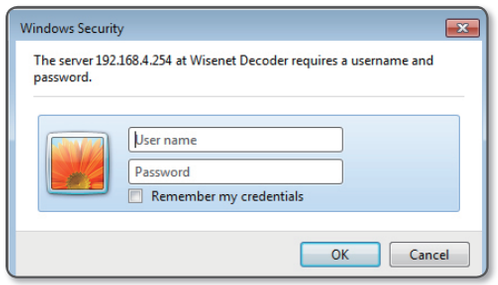
Om HTTP-porten är någon annan än 80

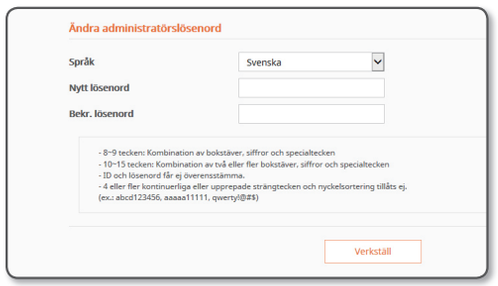
1. Starta Internet-klienten.
2. Ange IP-adressen och HTTP-numret för nätverksdekodern i adressfältet.
   ex) IP-adress: 192.168.1.200:HTTP Port number(8080)
   → http://192.168.1.200:8080
   - Inloggningsfönstret ska öppnas.

INLOGGNING

Den första gången du ansluter efter att du gjort inköpet är ID:t "**admin**" och lösenordet "**4321**".

1. Ange ”**admin**” i inmatningsrutan <**User name**>.
2. Skriv in "**4321**" i fältet <**Password**>. Lösenordsinställningen för window visas för första gången. Om du har ändrat lösenordet anger du det nya lösenordet.
3. Klicka på [**OK**]. När inloggningen är klar visas konfigurationsskärmen för video wall.





- Av säkerhetsskäl ska du se till att ändra lösenordet i <**Användare**>-<**Administration**> på inställningsskärmen.
- Om du anger användarnamn och lösenord och sedan markerar '**Spara lösenord i lösenordslistans**' kryssruta konfigureras användarnamnet och lösenordet automatiskt vid nästa anslutning.

- Internet Explorer visar den bästa bilden när bildförhllandet är 100%. Om du minskar bildförhållandet kan skärmen kapas'.
- Du kan inte logga in dubbel med "**admin**"-kontot.
- Det tar omkring fem minuter efter att du kopplat från "**admin**"-kontot att få åtkomst till användarkontot.

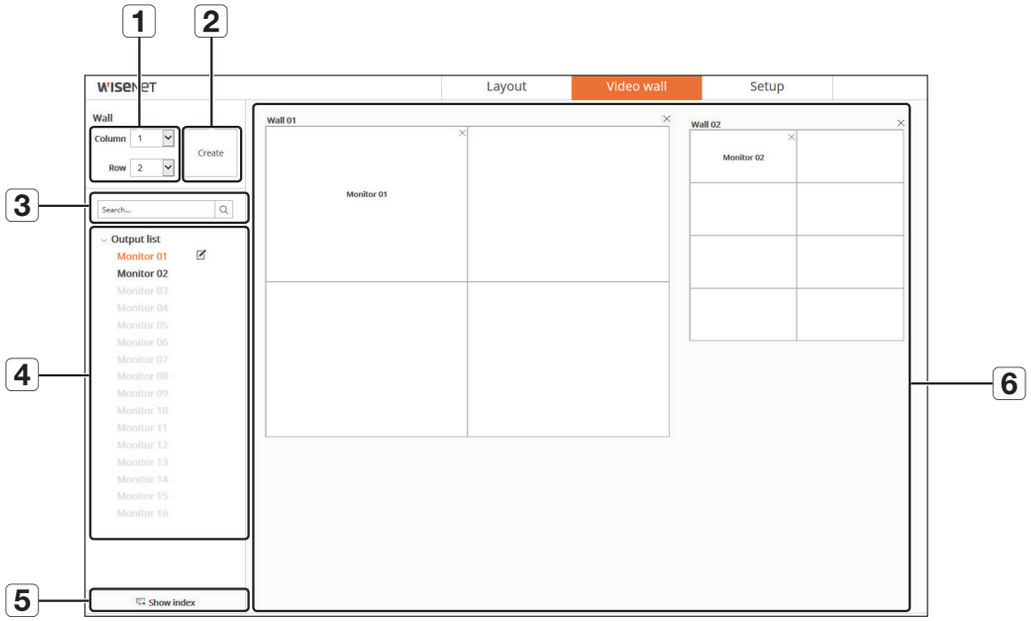
Systemkrav

De lägsta kraven för hårdvara och operativsystem för körning av webbvisaren är:

Namn	Lägsta specifikationer
OS	- OS som stöds: Windows7, Windows8, Windows10, Mac OSX 10.11,10.12 - Webbläsare som stöds: Edge38, Chrome/Firefox släppt efter 2017 (eller 2016), Safari for Mac OSX 10 eller 11
Nätvrk	10/100/1000 Ethernet NC

VIDEO WALL-INSTÄLLNINGAR

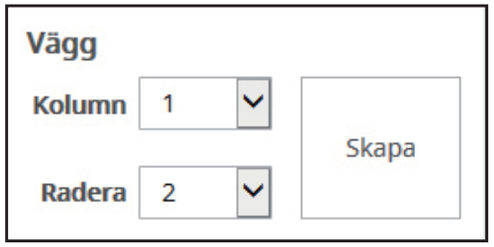
Konfigurerar placering och layout för korrigerade skärmar



Menynamn		Funktionsbeskrivning
1	**Kolumn/rad**	Konfigurerar antal rader och kolumner för video walls som ska skapas.
2	**Video wall-skapande**	Skapar så många video walls som du anger.
3	**Sök**	Söker skärmen från utmatningslistan.
4	**Utmatningslista**	Visar en lista över anslutna skärmar. Anslutna skärmar aktiveras.
5	**Visa index/Dölj index**	Välj om du vill visa index eller inte på den associerade skärmen.
6	**Bakgrund**	Genererade video walls utplaceras.

Konfigurera video wall

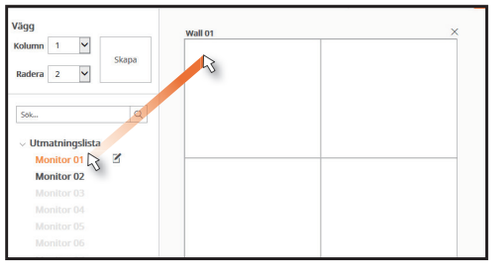
1. Konfigurera antal kolumner/rader i övre vänster del av video wall-skärmen.
   - Video wall-skapande av kolumn/rad kan skapas till antalet skärmar N (antal dekoder) X 2 (två dekoderklockskärmar stöds). När 4 dekoder installeras består upp till 8 skärmar av upp till 8 (4x2) KolumnXRad kan användas.
2. Klicka på knappen <**Skapa**>.
3. Konfigurera video wall registreras på skärmens högra sida.



- Om mer än en skärm tilldelas till skapad video wall kan du inte öppna layout-menyn.

Tilldela en skärm

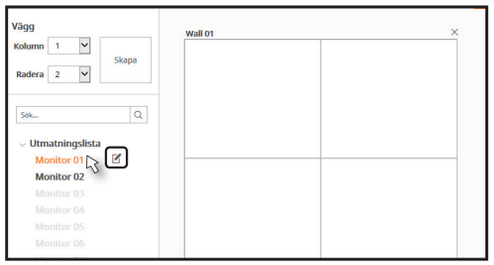
1. Från listan över anslutna skärmar på vänster sida av skärmen väljer du skärmen du vill tilldela till video wall och sedan klickar du och drar den dit.
2. Radera en skärm som tilldelats till video wall. Klicka på [×] i övre högra hörnet på den tilldelade skärmen.

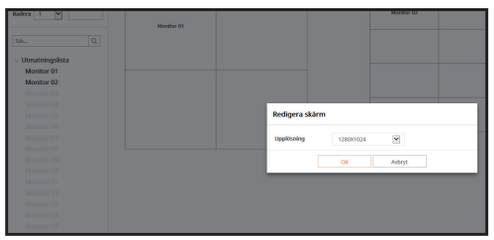


Redigera en skärm

1. När du väljer en skärm från skärmlistan visas knappen Redigera skärm.
2. Klicka på knappen [ ] för att konfigurera upplösning för skärmen.

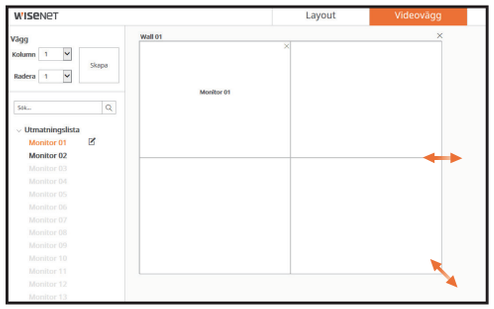
- Upplösningar : HDMI 1-skärmen kan konfigureras till 1280*1024 720P, 1080P, 1440P, and 2160P. HDMI 2 skärm kan konfigureras till 1280*1024, 720p, och 1080P.



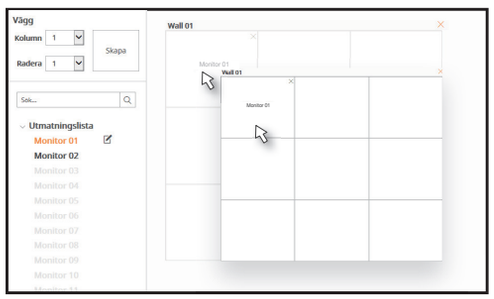


Redigera video wall

1. När du drar med musen över video wall ändras markören och video wall kan zoomas in och ut. Du kan zooma in på en video wall för att överlappa med andra video walls.

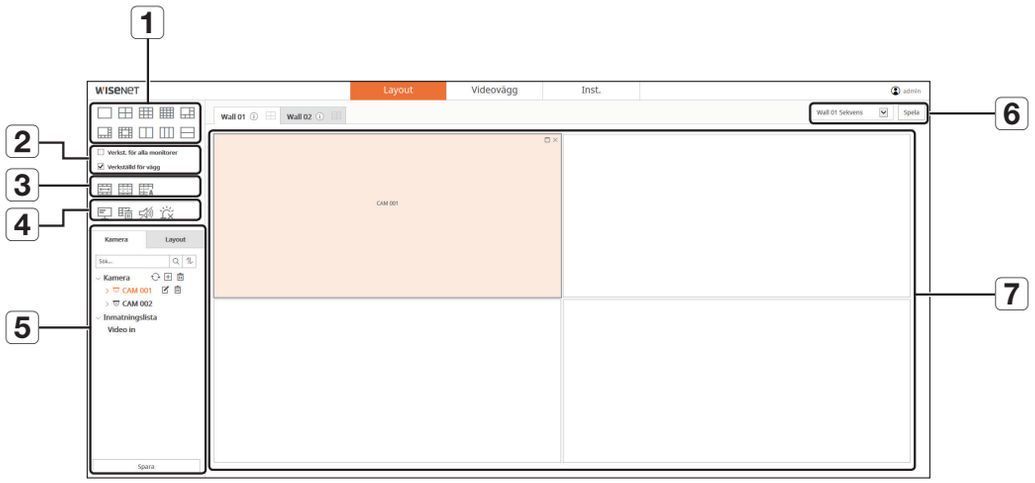


2. Du kan flytta en video wall genom att klicka och dra i den.
3. Klicka på knappen [✕] i övre högra hörnet på video wall så visas popup-fönstret. Välj <**OK**> för att radera video wall.



LAYOUT

■ Skapa walls från menyn video wall. Minst en skärm måste tilldelas till varje video wall du skapar. Se menyn "**Video wall-inställningar**" (sidan 14)



Menynamn		Funktionsbeskrivning
1	**Dela skärm**	Välj dela skärm för varje skärm.
2	**Verkst. för alla monitorer**	Använd inställningen för valda delade skärmar för alla skärmar samtidigt.
	Verkställd för vägg	Använd inställningarna för vald delad skärm för alla video walls.
3		Välj två eller fler skärmar och sammanfoga dem.
		Välj en sammanfogad kolumn och frigör den.
		Frigör alla sammanfogade kolumner.
4		Välj om du vill använda OSD-skärmen. När OSD-skärmen väljs visas kamerainformationen i övre vänstra hörnet på monitorskärmen.
		Alla kameror som tilldelats till skärmen raderas.
		Välj ljud på/av. ■ Om ljudet är på kan du dra med musen över den och kontrollera ljudkanalen som är påslagen vid användning av verktygstips.
		Alarmet på dekodersensorn stoppas när alarmet hörs.
5	**Kamera**	Lägg till kameraredigering och -radering.
	Layout	Lägg till redigerings- och raderingslayout.
6	**Sekvensuppspelning**	Layouten för vald video wall spelas upp sekventiellt. ■ Minst två layouter måste skapas innan de kan spelas upp.
7	**Video wall-skärm**	Den konfigurerade videoskärmen visas.

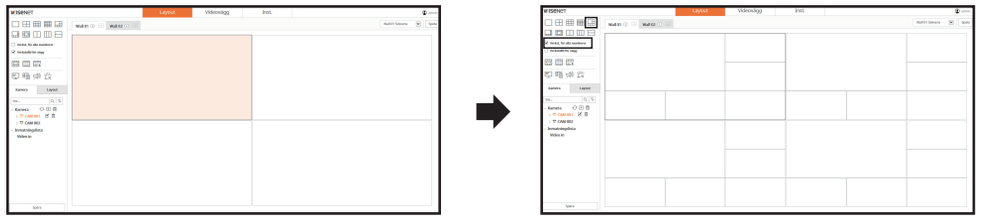
Ändra delad skärm

Om du sklickar på knappen när du väljer delad skärm ändras skärmen till delad skärm.



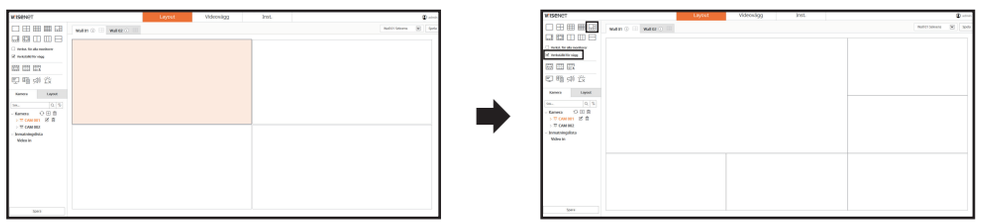
• **Samtidig applicering av delad skärm för alla skärmar**

När inställning av en video wall (2x2) som består av 4 skärmar till 1-5-delade skärmar i batchen



• **Tillämpa en delad skärm för en video wall**

När du ställer in en video wall (2x2) bestående av 4 skärmar för en enkel skärm med 1-5 delade skärmar



Sammanfoga/ta bort sammanfogning skärmkolumner

Sammanfoga skärmkolumner

1. Välj två eller fler skärmkolumner som ska sammanfogas och klicka på knappen [ ].



2. De valda kolumnerna sammanfogas till en kolumn.



- Sammanfogning av delade skärmar mellan skärmar är bara möjlig när skärmen är indelad i NxN (2x2, 3x3, 4x4) .

Frigör en skärmkolumn

1. Välj den sammanfogade kolumnen och klicka på knappen [ ].



2. Den valda kolumnen delas in i originalstatus.
3. Om du klickar på knappen [ ] utan att välja en specifik sammanfogad kolumn kommer alla kolumner du har sammanfogat att avsammanfogas.

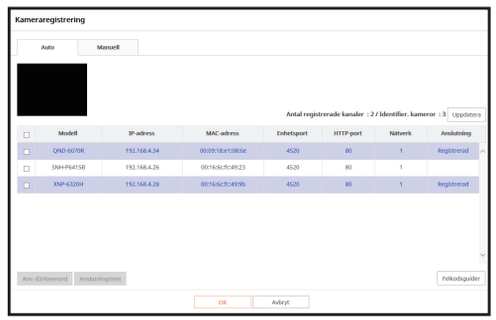


Registrera en kamera

Det går att registrera en nätverkskamera per kanal och skapa anslutningar dem emellan.

Så här gör du för att söka efter och registrera nätverkskameror

1. Tryck på knappen [ ] på kameraobjektet.
2. Sök efter en ansluten nätverkskamera.
   - Kameror som redan är registrerade visas i blått i listan.
   - Om du letar efter kameran igen eller om IP är ett gammalt IP som inte tilldelades av en DHCP-server (t.ex. -192.168.1.200), tryck på knappen <**Uppdatera**> för att kontrollera om ett nytt IP har tilldelats.
3. Välj en kamera från kameralistan för att se en <**förhandsvisning**> av nuvarande videomatning.
   - Kameran som söks med ONVIF visar inte förhandsgranskningar.



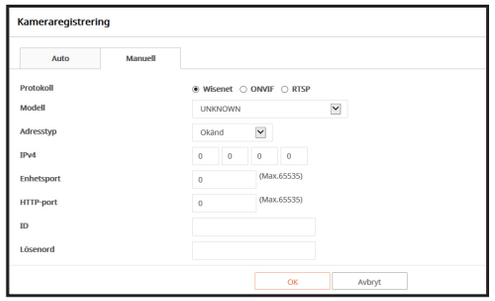
4. Markera kryssrutan bredvid den nätverkskamera som du ska ansluta till.
   - Du kan välja alla nätverkskameror i listan och <**ID**> samt <**Lösenord**> på en och samma gång.
   - Klicka på en rubrik överst på listan för att sortera listan efter den rubriken.

- När du ändrar ett kamera-ID/lösenord i kamerans webbvisare, om kameran redan registrerats i dekodern, ändrar du kamera-ID/lösenordsinformation som registrerats i dekodern också.

5. Klicka på knappen <**Anv.-ID/lösenord**> för att ange <**ID**> och <**Lösenord**> för den registrerade kameran.
6. Tryck på <**Anslutningstest**> för att ansluta till kameran.
7. Tryck på <**OK**> för att registrera den valda kameran.

Sök efter en nätverkskamera och registrera den manuellt

1. Tryck på knappen <**Manuell**>.
2. Fönstret för manuell sökning öppnas.
3. Välj en kanal och protokoll för kameraanslutning.
   Vilka ingångsposter som är tillgängliga beror på vilket protokoll som används.
   - Wisenet : Uppfyller de interna nätverksprotokoll som Hanwha Techwin använder.
   - ONVIF : Detta innebär att kameran har stöd för ONVIF-protokoll. Om du ansluter till en kamera vars namn inte återfinns i listan bör du välja <**ONVIF**>.



- Om tidsskillnaden mellan ONVIF-kameran och dekodern inte är 2 minuter kan de inte anslutas. I så fall går det att ändra ONVIF-kameratiden, eller att synkronisera tiden för NTP-servern (När tidszonen är samma för både kameran och dekodern eller för att använda dekodern som NTP-server.

   - RTSP : Uppfyller RFC 2326 ett RTSP-protokoll ”**Real Time Streaming Protocol**” för överföring i realtid.

4. Om du väljer protokollet <**Wisenet**> markerar du även de alternativ som krävs.
   - Modell : Välj en kameramodell.
     - Wisenet nätverkskamera/kodare : Detta innebär att kameran/avkodaren har stöd för SUNAPI, SVNP-protokollet från Hanwha Techwin. När du ansluter till en kamera som inte visas i listan bör du välja Wisenet nätverkskamera/kodare.
   - Adresstyp : Välj en adresstyp för kameran.
     Vilka adresstyper som är tillgängliga beror på vilken modell som har anslutits.
     - Statistik(IPv4) : Använd dessa för att ange kamerans IP-adress manuellt.
     - Wisenet DDNS : Detta är endast tillgängligt när kameran har registrerats hos Wisenet DDNS(ddns.hanwha-security.com). Ange registrerad domän för DDNS ID.
       T.ex. http://ddns.hanwha-security.com/snb5000 ➞ ange ”snb5000” för Wisenet DDNS
     - URL : Ange URL-adress.

- Se efter i bruksanvisningen till den anslutna kameran om den har stöd för DDNS-specifikationen.

   - IPv4 : Ange IP-adress för kameran.
   - Enhetsport : Ange kamerans portnummer.
   - HTTP-port : Ange kamerans HTTP-port.
   - ID : Ange ID på den kamera som ska registreras.
   - Lösenord : Ange lösenordet till kameran som ska registreras.

5. Välj <**ONVIF**> eller <**RTSP**> som protokoll och fyll i de fält du ombeds att fylla i.
   - ONVIF-adress / RTSP URL : Ange kamerans RTSP-åtkomstadress med stöd för ONVIF eller RTSP.
   - IPv4 : Ange IP-adress för kameran.
   - ONVIF-port : Öppna ONVIF-porten på kameran.
   - RTSP-åtkomstadress : Ange RTSP-åtkomstadressen för kameran som stöder ONVIF eller RTSP. Se manualen för varje kamera för åtkomtadressen för specifik RTSP.
   - ID : Ange ID för åtkomst via ONVIF-/RTSP-protokollet.
   - Lösenord : Ange lösenord för åtkomst via ONVIF-/RTSP-protokollet.
   - Mer detaljer : Om du klickar på knappen <**Mer detaljer**> visas inställningsfönstret. Ange ett läge som stöds i nätverkskamerans RTSP-anslutningsläge.
     - TCP : Nätverkskamerans anslutning ändras till ”RTP över TCP”.
     - UDP : Nätverkskamerans anslutning ändras till ”RTP över UDP”.
     - HTTP : Nätverkskamerans anslutning ändras till ”RTP över TCP (HTTP)”.
     - HTTPS : Nätverkskamerans anslutning ändras till ”RTP över TCP (HTTPS)”.

Så här tolkar du felmeddelanden vid kameraregistrering

Om det inte går att registrera en kamera visas orsaken till detta i form av ett felmeddelande.

- **Anslutningen misslyckades på grund av okänt fel.** : Meddelandet visas när kameraregistreringen misslyckades på grund av okänd anslutningsstatus.
- **Åtkomst är ej möjlig eftersom kamerakontot är låst.** : Meddelandet visas om du anger fel ID eller lösenord fem gånger för att logga in på kamerakontot.
  Försök att logga in på nytt efter 30 sekunder. Om meddelande visas på nytt kan det vara befogat att kontrollera om någon utomstående har försökt att bereda sig tillgång till kontot.
- **Ansluten** : Meddelandet visas när kameran har anslutits på rätt sätt.
- **Felaktig modellinformation. Ange rätt modellinformation.** : Meddelandet visas om den modellinformation som angavs vid kameraregistreringen är felaktig.
- **Autentisering misslyckades** : Meddelandet visas om det ID eller lösenord som angavs vid kameraregistreringen är felaktigt.
- **Anslutningen misslyckades på grund av för många samtida användare.** : Meddelande visas om antalet samtida användare överskrider maxgränsen.
- **Anslutningen misslyckades på grund av felaktig HTTP-portinformation.** : Meddelandet visas när kamerans HTTP-portnummer är felaktigt.
- **Anslutningen misslyckades. Okänt anslutningsfel.** : Meddelandet visas när kameraregistreringen misslyckades på grund av okänt fel.

Redigera en registrerad kamera

Sortera kameralistan

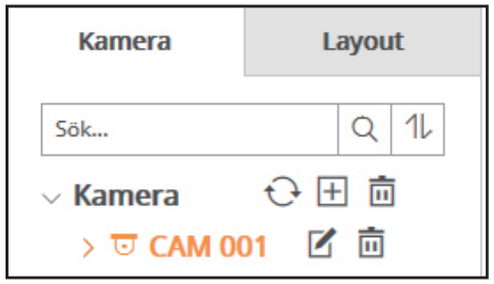
Du kan sortera kameralistan via namn/IP genom att klicka på höger knapp < ⇅ > i sökningen.



- När 'sortera via IP (i stigande ordning) väljs sorteras kamerorna i IPV4-ordning och kameror registrerade av URL/ IVP6 sorteras enligt listan.

Redigera kameran

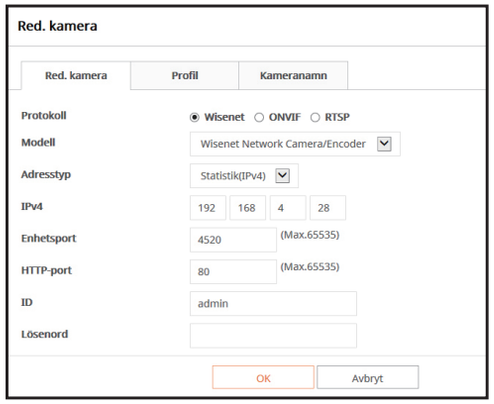
1. Välj en kamera du vill redigera i listan.



- Klicka på knappen [↻] för att uppdatera åtkomstinformationen igen.

2. När du klickar på knappen [✎] till höger om den valda kameran visas kamerans popup-fönster för modifiering.

3. Redigera informationen du vill ändra och klicka på <**OK**>.

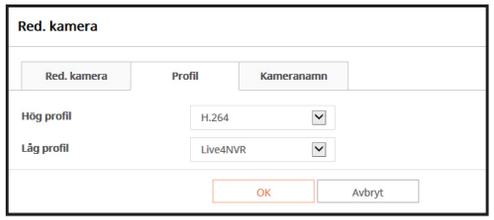


Videoprofil

Du kan konfigurera videoprofilen för den anslutna nätverkskameran.

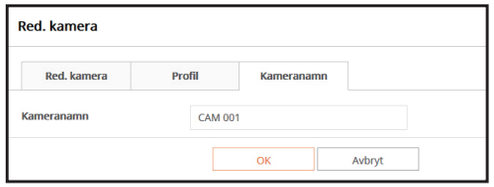
- Kan bara konfigureras för en profil som stöds av kameran.

- Efter att hög upplösning och låg upplösning konfigurerats individuellt måste upplösningarna tilldelas i layouten.
  - Se "**Tilldela en kamera**". (sidan 20)



Kameranamn

Kameranamnet kan konfigureras.



Radera en kamera

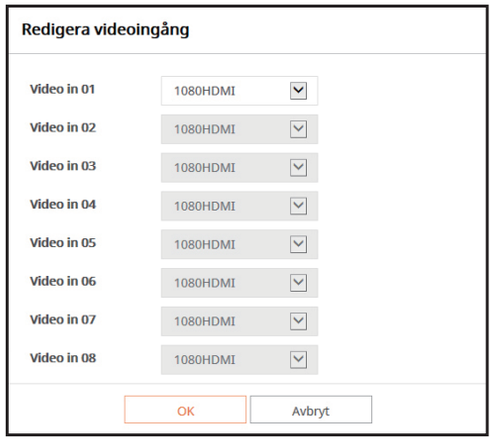
Välj en kamera du vill radera och klicka på knappen [🗑] för att radera kameran.

- Om du klickar på höger knapp [🗑] för kameran kan du radera den från hela listan med kameror.

Redigera videoingång

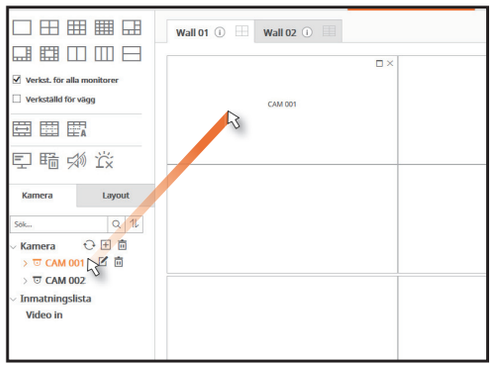
1. Välj videoingång och klicka på knappen [✎].

2. Du kan välja upplösning för ingången till anslutan skärm . (1080HDMI, 720HDMI, 1080DVI, 720DVI)



Tilldela en kamera

1. Från listan över anslutna kameror på vänster sida av skärmen väljer du skärmen drar du kameran u vill tilldela till skärmen.
2. För att radera den tilldelade kamera, klickar du på [×] i övre högra hörnet på den tilldelade skärmen.



- Om du tillelar kameran genom att klicka och dra i den tilldelas en lågupplöst profil automatiskt för layouter med mer än 4 delade skärmar och en högupplöst profil tilldelas automatiskt för layouter med 4 delade skärmar eller mindre.
- Om du drar högupplösta och lågupplösta profiler som visas när du klickar på knappen < > till vänster på kameralistan kan du direkt tilldela dem till överensstämmande profiler.
- När du klickar på knappen [ ] förstoras video wall till helskärm.
  När du klickar på knappen [×] ändras zoomen för video wall till originalstorlek.

Konfigurer layouten

Om du inte lägger till eller sparar layouten efter kameraregistreringen visas inte skärmen.

Lägga till en layout

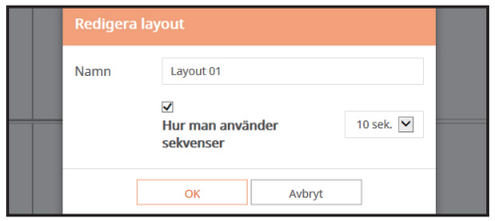
1. Klicka på knappen [⊞].
2. Konfigurera namnet på layouten du vill lägga till och kontrollera om sekvensen ska användas.
   När Sekvensanvändning väljs spelas sekvensen upp med konfigurerat tidsintervall om du konfigurerar sekvensens växlingstid.
3. Klicka på knappen <**OK**> för att lägga till layouten.



- Du kan söka efter dina registrerade layouter med fältet <**Sök**>.

Redigera en layout

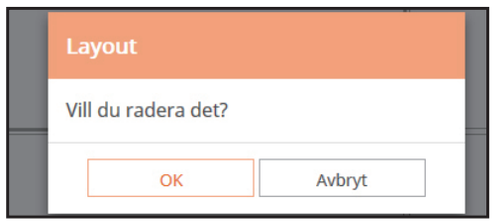
1. Välj en layout du vill redigera och klicka på knappen [ ].
2. Efter att du modifierat informationen du vill ändra klickar du på <**OK**>.



Radera en layout

1. Välj en layout du vill radera och klicka på knappen [ ].
2. Klicka på <**OK**>.

- Om du inte trycker på knappen <**Spara**> sparas inte ändringarna.



Du kan konfigurera systemmiljön, användare, kameraenhet (SSM-läge), event och nätverk.

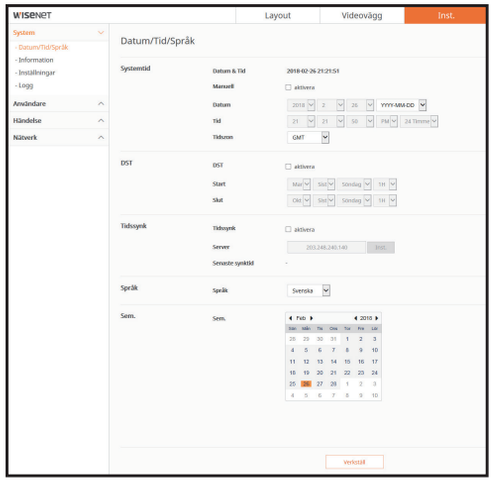
SYSTEMINSTÄLLNINGAR

Du kan konfigurera datum/tid/språk, systemhantering och logginformation.

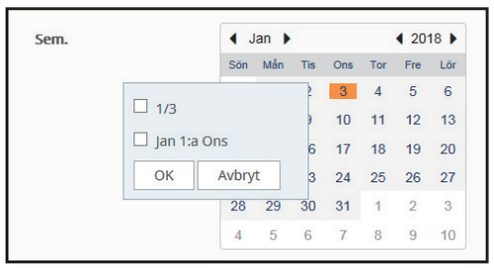
Datum/Tid/Språk

Ställa in Datum/Tid/Språk

Kontrollera och ställ in datum/klockslag, tidsegenskaper samt vilket språk gränsssnittet ska visas på.

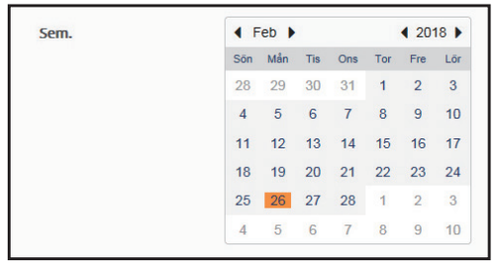


- Systemtid : Konfigurerar tiden som ska verkställas för systemet.
  - Datum & Tid : Ange datum och vilket format det ska visas på.
  - Manuell : Konfigurera systemtiden manuellt.
  - Datum : Konfigurerar datum som ska användas för systemet.
  - Tid : Konfigurerar tiden som ska användas för systemet.
  - Tidszon : Konfigurerar tidszonen för bostadsområdet där dekodern installeras, baserat på standardtid (GMT).
    - GMT (Greenwich Mean Time) är den normaltid som de olika tidszonerna utgår ifrån.
- DST : Ange när sommartid inträffar och upphör att gälla, varefter tiden förskjuts med en timme under den perioden.
- Tidssynk : Klockslaget hämtas från tidsservern.
  När du använder en <**Server**> hämtas aktuellt klockslag med jämna mellanrum från den angiven <**Server**>. Det är då inte möjligt att ändra tiden manuellt.
  - Tidssynk : Aktivera synkronisering från tidsservern.
  - Server : Ange en IP- eller webbadress till tidsservern.
  - Senaste synktid : Visar det klockslag då den senaste tidssynkroniseringen ägde rum.
- Språk : Ställ in språk. Det är gränssnittets språk som avses.
  Engelska, Franska, Tyska, Spanska, Italienska, Kinesiska, Ryska, Koreanska, Polska, Japanska, Holländska, Portugisiska, Turkiska och Svenska språken stöds.
- Sem. : Det går att ange att vissa dagar är helgdagar. Samma sak gäller för <**Planerat alarm ut**> som en helgdag.
  - Nyårsdagen varje år räknas exempelvis som helgdag om du markerar <**1/3**> och varje nyårsdag samt den första onsdagen i januari räknas som helgdag om du markerar <**1/3**> samt <**Jan 1:a Ons**>.



Använda kalendern

1. Välj år och månad.
   Klicka på < ◀ ▶ > på ömse sidor av årtalet och månaden för att gå till nästa eller föregående år eller till föregående/nästa 1 kvartal.
2. Välj ett datum och klicka på <**OK**>.
   - När systemloggen verkställs visas datum med data som ska hämtas i rött.

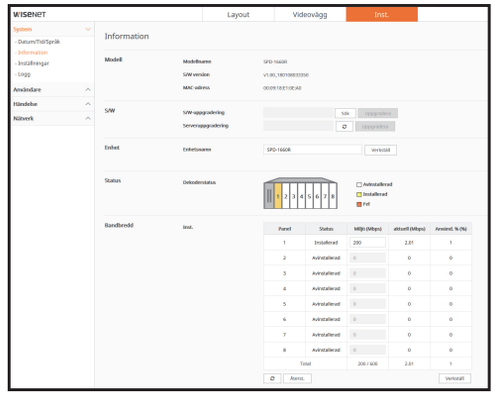


Systemhantering

Kontrollera systemversion, uppdatera till den senaste versionen och säkerhetskopiera data,

Kontrollera systeminformation

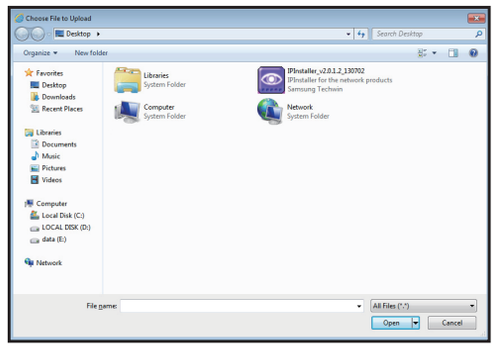
Du har möjlighet att kontrollera den aktuella systemversionen och vilken MAC-adress som används före uppdateringen.



- Modell : Visar information om det aktuella systemet. Detta värde kan inte ändras av användaren.
- Programuppgradering: Mjukvaruuppgraderingen Lokalisera firmware-fil du vill uppgradera med din webbläsare och välj den för uppgradering.
  - När du klickar på knappen < Sök > visas ett popup-fönster som gör det möjligt för dig att välja en fil för överföring.
- Serveruppgradering : Klicka på knappen [↻] för att uppgradera till ny firmware.
- Enhetsnamn : Det här är namnet som visas när du ansluter till en dekoder i nätverksvisaren.
- Dekoderstatus : Visar status för anslutningen mellan dekoder och SPD-260B.
- Bandbredd : Visar mängden data som kan bearbetas per dekoderpanel för användaren. Om en dekodrpanel installeras kan den konfigureras för upp till 20-200Mbps för varje dekoder och kan behandla upp till 600Mbps totalt.

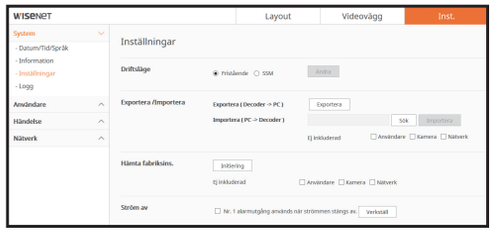
Så här uppgraderar du till senaste programvaruversionen

1. Klicka på knappen [**Sök**].
2. Välj mjukvaran som ska uppgraderas och klicka på knappen [**Open**].
3. Klicka på knappen [**Uppgradera**].



Inställningar

Informationen som konfigureras i dekodern kan användas på samma sätt i andra dekoder med lagringsmedium.



- Driftsläge : Som ett sätt att använda styrning och konfiguration av video wall kan du välja läget användning som <**Fristående**> eller <**SSM**>. Efter att du valt driftsläge och klickar på knappen <**Ändra**> initierar den övrensstämmande läge och startar om.
  - Vid anslutning till webbvisaren i SSM-läge aktiveras funktionen <**Inst.**> i webbvisaren. Detaljerade inställningar för layout och video wall kan konfigureras i SSM.
  - Vid anslutning till webbvisaren i SSM-läge läggs alternativet '**Inst.** > **Enhet**' till. För information, se '**Enhet**' (sidan 23).
- Exportera : Informationen som konfigurerats i dekodern sparas i lagringsmediet som är anslutet till datorn.
- Importera : Använder inställningsinformationen som lagrats i anslutet lagringsmedium till datorn till dekodern.
  - Markera kryssrutan för den post eller de poster som ska importeras.
    Endast andra objekt än de valda inställningsobjekten är föremål för dekodern.
  - Inställningarna för <**Exportera**> och <**Importera**> måste användas i samma mjukvaruversion. Import till inställningsfilen som skapats av en annan version av mjukvaran kan orsaka onormal funktion.
- Hämta fabriksins. : Initieringsinställningar: Du kan ändra inställningsstatus för dekodern till initialstatus. Markera kryssrutan vid de poster som ska återställas. Endast de poster som har markerats återställs till standardinställningarna.
  Om <**Initiering**> visas en dialogruta för "**Hämta fabriksins.**". Tryck på <**OK**> för att återvända till standardinställningarna för systemet.
- Ström av : Om strömmen är avstängs utlöses det första alarmet. Efter att du markerat kryssrutan verkställs alla händelselarm som är inställda på första larmutgången och sedan kan det första larmet inte väljas av andra larmutgångar.
  - Om funktionen ställs in inaktiveras kryssrutan för första larmutgången på skärmen för larminställningar.

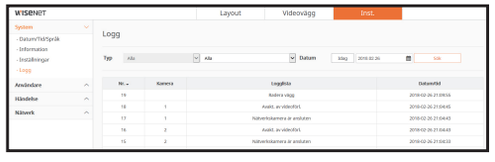
- Om du återställer användaren behöver du återställa ditt lösenord.

Logginformation

Du kan kontrollera historiken. Informationsrelaterad till systemet.

Kontrollera systemloggen

I systemloggen visas en tidsstämpel för varje gång systemet har startat och stängts samt för de tidpunkter då inställningarna ändrats.



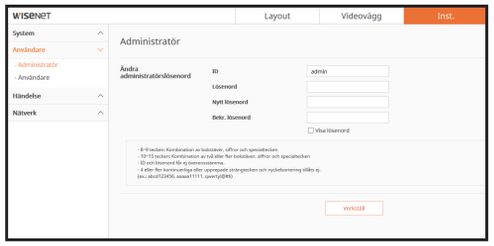
- Sök dag : Öppna kalenderfönstret genom att klicka på ikonen eller använd riktningsknapparna för att ange vilken period som ska genomsökas i loggen.
  - Mer information om kalendern finns i avsnittet "**Använda kalendern**". (sida 21)
- Sök : När du anger ett datum och trycker på knappen visas sökresultatet i logglistan.
- Typ : När det finns många loggfiler går det att ställa in så att endast loggar av ett visst format visas.
- Exportera : Lagra all logginformation som registrerats i dekodern på lagringsmediet som är kopplat till datorn.

Övriga

Specifika funktionen eller inställning av behörighet för dekodern kan tilldelas olika för varje användare.

Konfigurera administratör

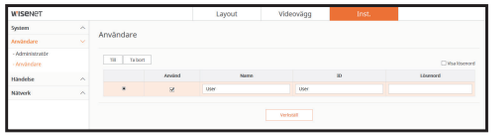
Ange id och lösenord för administratörskontot.
Administratören är behörig att använda alla menyer och funktioner.



- ID : Ändra admin-ID.
- Lösenord : Kollar det aktuella lösenordet.
- Nytt lösenord : Ange nytt lösenord.
- Bekr. lösenord : Bekräftar det nya lösenordet.
  - Om <**Visa lösenord**> är valt, kommer lösenordet inte längre vara dolt på skärmen när du skriver det.

- Det inititala administratörsID:t är admin och lösenordet måste återställas vid initial inloggning.
- Du bör byta lösenord var tredje månad för att skydda personuppgifter och minska risken för IT-brott. Observera att vi inte kan hållas ansvariga för skador som uppstår på grund av att lösenord missbrukas.

Lägga till en användare



1. När du klickar på knappen [Till] visas fönstret Lägg till användare.
2. Markera <**Använd**> och ange namn och ID/lösenord.
3. Tryck på <**Verkställ**>. Registrerad användarinformation sparas.

Radera användarinformationen

1. Välj användarinformationen du vill radera och tryck på knappen [Ta bort].
2. Den vala användarinformationen raderas.

Åtkomst med användarkonto

Du kan bara ändra layouten när du är inloggad med ett användarkonto.

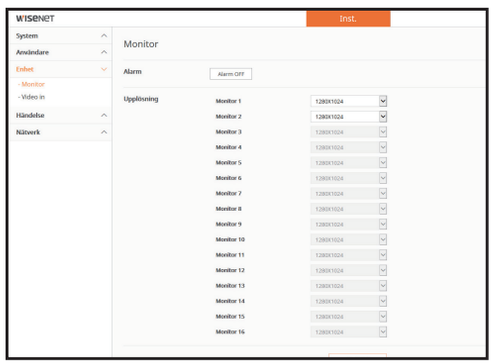
Enhet

Konfigurera datorutgångsupplösning och skärmupplösning.

- <**Enhet**> är en meny som visas som inställningsobjekt endast när en meny visas som inställningsobjekt när '**Driftsläge**' är inställt på <**SSM**>.
- Det här är samma funktion som hanteras av videoingångsredigeringsfönstret längst ned till vänster i "**Layout Lab**" i läget <**Fristående**>.

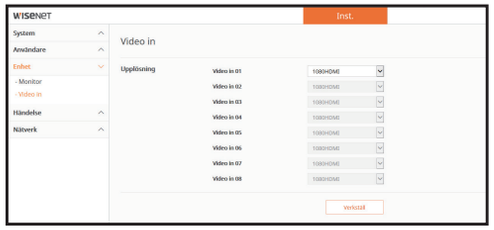
Installera skärmen

Det här alternativet ställer in skärmupplösningen för varje dekoder.
HDMI1-utgång stöder 1280*1024, 720p, 1080p, 1440p, och 2160p och HDMI2-utgång stöder 1280*1024, 720p, och 1080p.



Videoingång

Du kan konfigurera upplösningen för datorutgången när datorn kopplas in till dekodern.

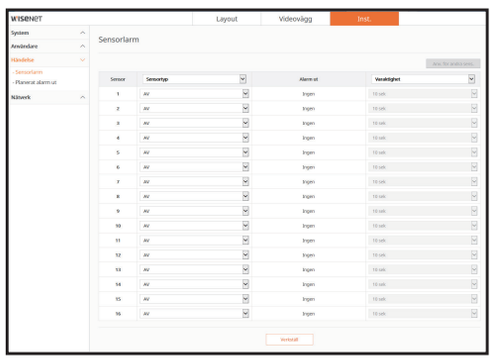


HÄNDELSEINSTÄLLNINGAR

Sensorer som är anslutna till dekodern kan generera önskad alarmutgång när en sensordetekteringshändelse uppstår.

Sensordetektering

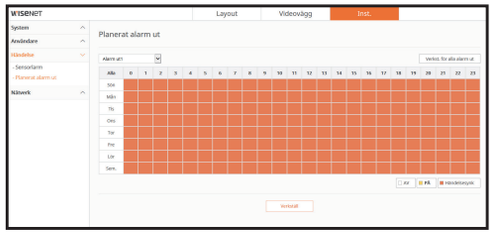
Du kan konfigurera sensorns användningsförhållanden, alarmutgångsmetod och tid.



- Sensortyp : Ange driftsläge för sensorerna.
  - <**N.O (Normal öppen)**> : Sensorn är öppen. När den är stängd triggas larmet.
  - <**N.C (Normal stängd)**> : Sensors är stängd. När den är öppen triggas larmet.
- Alarm ut : Ange utgångmetod för larmet.
  - Om du väljer <**Alla**>, hörs alarmutgången och signalen samtidigt.
  - Om du väljer <**SUMMER**>, hörs en signal.
  - Om du väljer <**1**>, <**2**>, <**3**>, <**4**>, <**5**>, <**6**>, <**7**>, or <8>, sänds signalen ut till en utgående alarmterminalen.
- Varaktighet : Ange hur länge larmet ska ljuda och välj ljud.

Planerat alarm ut

Schemalägg larm och ange vilka villkor som ska uppfyllas.



- Alarm ut : Ange utgångmetod för larmet.
  - <**PÅ**>: Den visas i gult. Alarmet sänds alltid ut vid planerad tid.
  - <**AV**>: Visas i vitt och inget alarm hörs även om en händelse uppstår.
  - <**Händelsesynk**> : Orangemarkerat. Larm triggas endast när händelser inträffar.
- Verkst. för alla alarm ut : Schemaläggningen tillämpas för alla larm.

- När larmet triggas under schemalagd tid kan du stoppa det genom att avbryta schemat.

KONFIGURERA NÄTVERK

Du kan konfigurera inställningarna för användning av nätverksfunktionen.

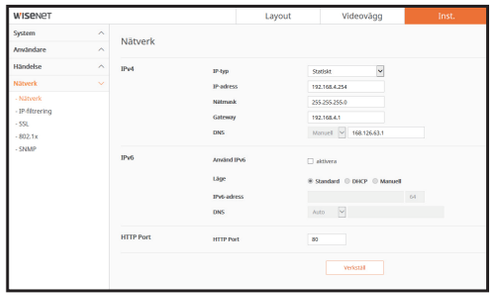
Nätverk

Ange nätverksprotokoll och anslutningsväg.

Konfigurera en nätverksanslutning

Används för kameraanslutning och webbvisare/SSM-åtkomst och -anslutning.

- IP-typ : Ange vilken nätverksanslutning som används.
- IP-adress, Nätmask, Gateway, DNS
  <**Statiskt**> : Ange IP-adress, nätmask, gateway och DNS manuellt.
  <**DHCP**> : IP-adress, nätmask och gateway konfigureras automatiskt.
  <**PPPoE**> : IP-adress, nätmask och gateway konfigureras automatiskt.
- Anv-ID, Lösenord : När PPPoE används måste du ange "**Anv-ID**" och "**Lösenord**" för att registrera.



■ Du kan ange DNS för <**DHCP**> och <**PPPoE**> vid <**Manuell**> inställning.

Nätverksanslutning och -inställning

Tänk på att kontrollera den befintliga nätverksmiljön innan du ställer in anslutningsmetod.

När ingen router används

- **Fast**
  - Internet-anslutning: Du kan ansluta med en fast IP och en hyrd linje, eller ansluta dekodern med fjärranvändare i en LAN-miljö.
  - Så här konfigurerar du dekodernätverket: Konfigurera <**Nätverk**> i menyn <**Nätverk**> för den anslutna dekodern till <**Statiskt**>.
  - ■ Hör med nätverksansvarig vad gäller IP-, gateway- och nätmasksinställningar.

- **DHCP-läge**
  - Internet-anslutning: Du kan ansluta dekodern direkt till kabelmodemet, anslut dekodern direkt till det DHCP-baserade modemet, eller anslut dekodern direkt till optiskt LAN.
  - Så här konfigurerar du dekodernätverket: Konfigurera <**Nätverk**> i menyn <**Nätverk**> till <**DHCP**>.

- **PPPoE**
  - Internet-anslutning: PPPoE-modemet ansluts direkt till dekodern och PPPoE-anslutningen använder ett ID och lösenord.
  - Så här konfigurerar du dekodern i nätverket: Konfigurera <**Nätverk**> i menyn <**Nätverk**> för ansluten dekoder i <**PPPoE**>.
  - ■ PPPoE <**Anv-ID**> och <**Lösenord**> är samma som användaruppgifterna för PPPoE.
    Ta kontakt med tjänsteleverantören för PPPoE om du inte känner till användaruppgifterna.

När router används

■ För att undika konflikt med statisk IP för dekodern ska du kontrollera följande.

- **Konfigurera dekodern med en fast IP**
  - Internet-anslutning: Du kan ansluta dekodern till en IP-router till vilken PPPoE-/kabelmodemet ansluts eller dekodern till en IP-router i det lokala nätverket (LAN).

- **Konfigurera dekodernätverk**

1. Konfigurera <**Nätverk**> i menyn för ansluten dekoder till <**Statiskt**>.
2. Kontrollera om den angivna IP-adressen är inom det fasta intervall som bredbandsroutern tillhandahåller. IP-adress, Adress, Nätmask, Gateway, DNS Ta kontakt med nätverksansvarig.
   ■ Kontrollera om den angivna IP-adressen är inom det fasta intervall som bredbandsroutern tillhandahåller.

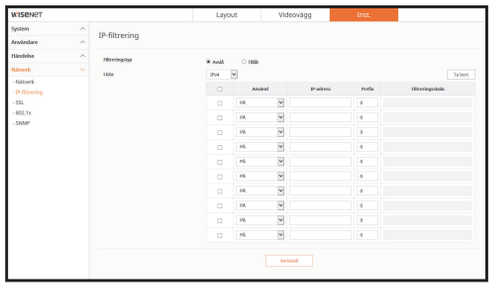
■ Om DHCP-servern är konfigurerad med startadress 192.168.0.1 och slutadress 192.168.0.200 anger du IP-adressen utanför det området: 192.168.0.2 ~ 192.168.0.99 samt 192.168.0.201 ~ 192.168.0.254,

3. Se till att gateway. och nätmasksadresserna motsvarar de som angetts i bredbandsroutern.

IP-filtrering

I listan över IP-adresser kan du ange specifika adresser som ska blockeras eller tillåtas.

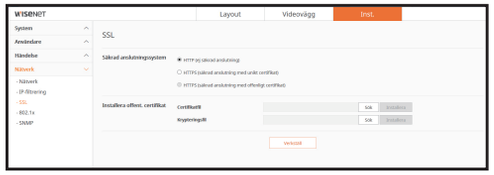
- Filtreringstyp :
  - Avslå : Om du väljer avvisa kommer tillgången till den registrerade IP-adressen att begränsas.
  - Tillåt : Om du väljer tillåt är det endast möjligt att komma åt den registrerade IP-adressen.
- Använd : Markera kryssrutan för IP-filtrering.
- IP-adress : Ange IP-adressen som ska filtreras.
- Filtreringsskala : Om du anger en IP-adress eller ett prefix visas hela intervallet med blockerade eller tillåtna IP-adresser.



■ Om IP-adressen för en kamera inte återfinns på listan över tillåtna adresser (eller återfinns i listan över blockerade adresser) ges ingen åtkomst.

SSL

Du kan välja SSL-system (säker anslutning) eller installera offentliga certifikat.



- Säkrad anslutningssystem : Välj vilken typ av säker anslutning som ska användas.
  - HTTP (ej säkrad anslutning)
  - HTTPS (säkrad anslutning med unikt certifikat)
  - HTTPS (säkrad anslutning med offenligt certifikat)

■ Vi rekommenderar att du använder en säker anslutning när dekodern är ansluten till externt Internet eller i en säkerhetskritisk miljö.

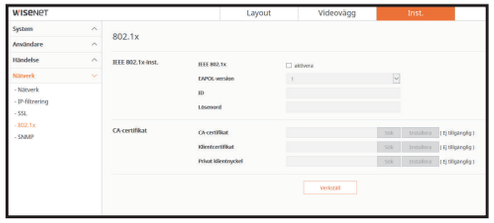
- Installera offent. certifikat : Du kan söka efter och registrera/installera publika certifikat.
  En certifikat- och en krypteringsfil måste installeras.
  ■ Menyn <**HTTPS (säkrad anslutning med offenligt certifikat)**> kan endast väljas om det finns ett registrerat offentligt certifikat.

802.1x

När du ansluter till ett nätverk kan du välja huruvida protokollet 802.1x ska användas samt installera motsvarande certifikat.

802.1x är ett server- och klientbaserat certifikatsystem. Det tillhandahåller en robust miljö som är skyddad från datorintrång, virus och informationsläckage.

Systemet ger möjlighet att blockera åtkomst från klienter som saknar certifiering och endast bereda åtkomst för certifierade klienter, vilket ökar säkerhetsnivån.



- EAPOL-version : Välj vilken EAPOL-version som ska användas som protokoll.
  ■ Vissa switchhubbar fungerar inte med version <**2**>. Välj istället version <**1**>.
- ID : Ange det ID som du har fått av serveradministratören för RADIUS
  ■ Om detta inte stämmer överens med det ID som finns på certifikatet blockeras åtkomst.
- Lösenord : Ange det lösenord som du har fått av serveradministratören för RADIUS
  ■ Om detta inte stämmer överens med det lösenord som finns på certifikatet blockeras åtkomst.
- CA-certifikat : Detta ska endast väljas om den offentliga nyckeln är en del av det offentliga certifikatet.
- Klientcertifikat : Välj detta om klientens autentiseringsnyckel är en det av det offentliga certifikatet.
- Privat klientnyckel : Välj detta om den privata klientnyckeln är den av det offentliga certifikatet.

■ Driftsmiljön 802.1x kan endast implementeras om administratören använder RADIUS-servern. Dessutom måste switchhubben som har anslutits till servern ha stöd för 802.1x.

■ Om RADIUS-serverns tidsinställning inte stämmer överens med NVR-enhetens tid kan det hända att de inte kan kommunicera med varandra.

■ Om klientens privata nyckel är lösenordsskyddat bör serveradministratören bekräfta ID och lösenord. ID och lösenord kan som mest bestå av 30 tecken vardera. Det finns endast stöd för alfanumeriska tecken samt tre specialtecken (”-”, ”_”, ”.”) . Det går att komma åt filer som saknar lösenordsskydd utan att ange lösenord.

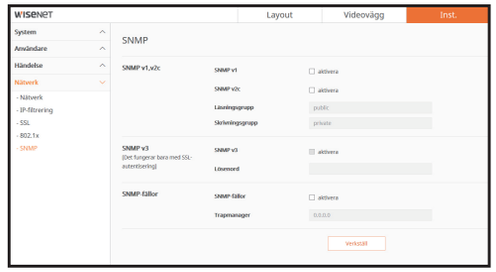
■ 802 fx stöder protokoll för dekodern EAP-TLS.

■ Innan 802.1x kan användas måste alla tre certifikat ha installerats.

■ <**Aktivera IEEE 802.1x**> När det här alternativet avmarkeras kanske det inte går att koppla från, beroende på inställningarna för det anslutna kopplingsnavet. Konfigurera inställningarna för att aktivera växlingsnavuppdatering med jämna mellanrum.

SNMP

SNMP-protokollet gör det möjligt för systemet eller nätverksadministratörerna att fjärrstyra inställningarna för nätverksutrustning.

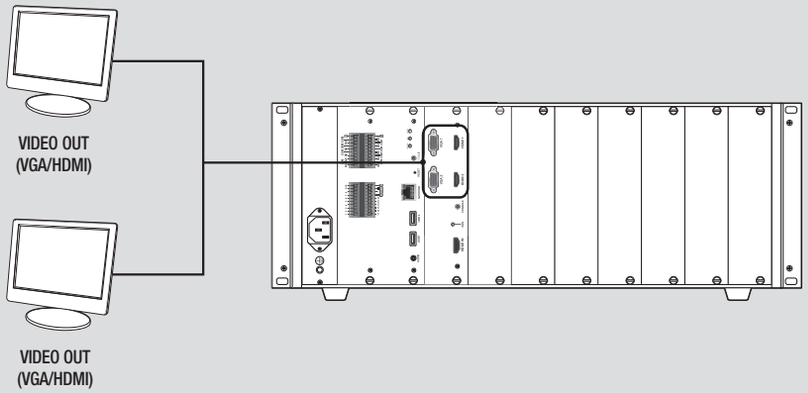


- Tillåt SNMP v1 : Version 1 av SMNP används.
- Tillåt SNMP v2 : Version 2 av SMNP används.
  - Läsningsgrupp : Ange namnet på den grupp med läsbehörighet som ska ha tillgång till SMNP. Standard är <**private**>.
  - Skrivningsgrupp : Ange namnet på den grupp med skrivbehörighet som ska ha tillgång till SMNP. Standard är <**public**>.
- Tillåt SNMP v3 : Version 3 av SMNP används.
  - Lösenord : Ange det ursprungliga användarlösenordet för SMNP version 3.
- Tillåt SNMP Traps : SMNP trap innebär att viktiga händelser skickas till adminsystemet.
  - Trapmanager : Ange IP-adressen som meddelandena ska skickas till.

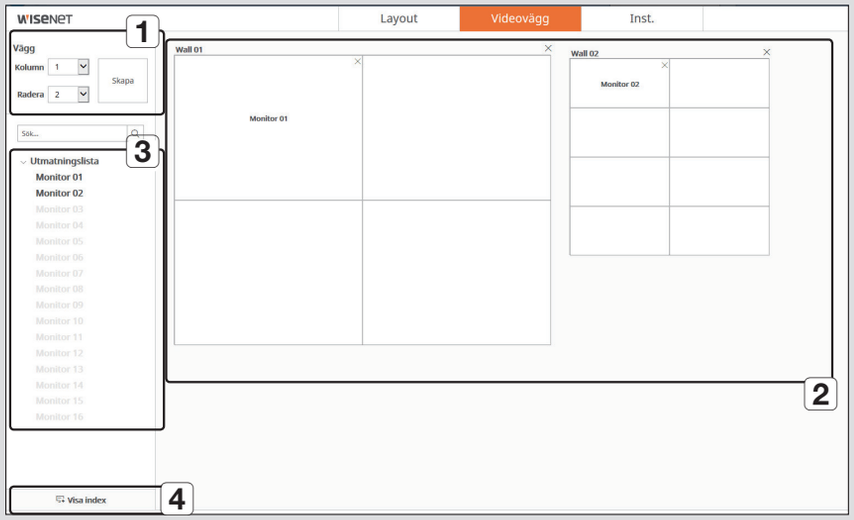
■ SMNP v3 kan endast användas om HTTP används som säker anslutningsmetod. Mer information finns i avsnittet ”**SSL**”. (sida 25)

KONFIGURATIONSGUIDE FÖR VIDEO WALL

1. Övervaka utgången för varje dekoder efter att enheten startar



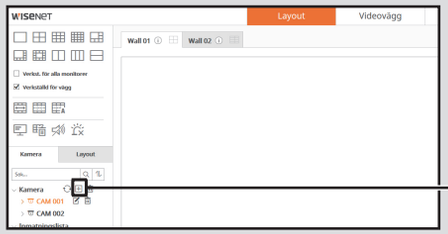
2. Konfigurera video walls och allokera skärmar.



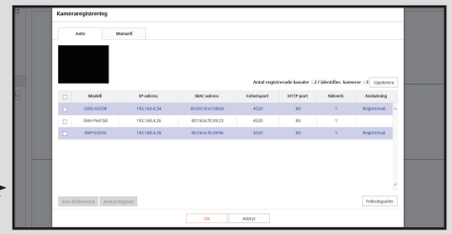
1 Skapa video walls.
2 Lägg till video walls (Wall 01 2x2, Wall 02 2x4)
3 Tilldela skärmar.
4 Kontrollera ansluten skärmindex
(Visa index: kontroll för antal skärmar, Dölj index : videoläge)

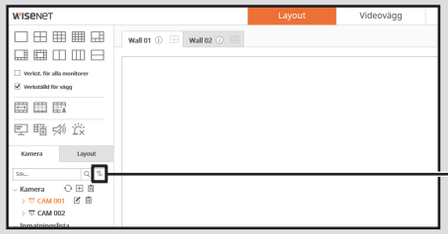
3. Registrera kamera

1 Lägg till kamera

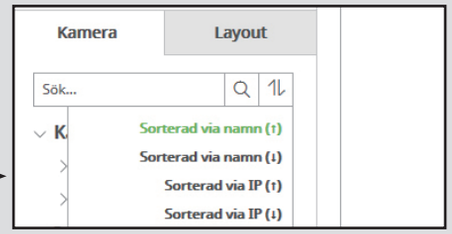


2 Lägg till kamera med automatisk/manuell registrering





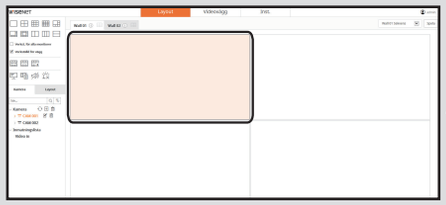
3 Välj kamerans listsorteringsfunktion.



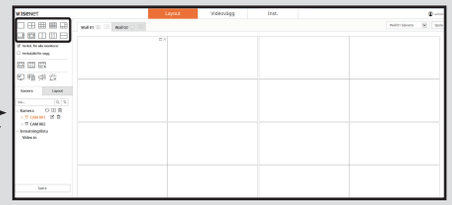
4 Sortera via namn(↑)/IP eller stigande(↓)/ fallande.

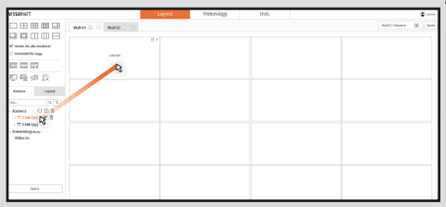
4. Ställa in layout för video wall

1 Ange skärm för motsvarande video wall genom att klicka på den.

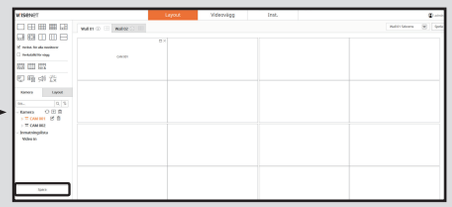


2 Välj och använd ett delat läge för den valda skärmen. (Kan användas för varje skärm).





3 Tilldela den till överensstämmande kolumn med musen i kameralistan.



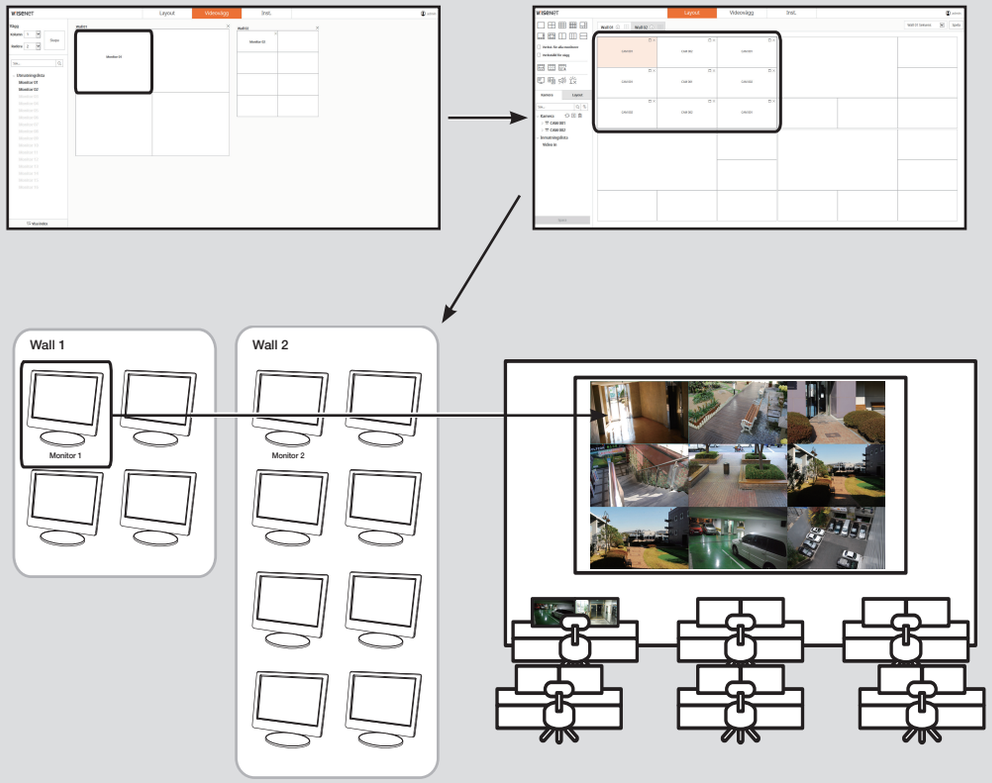
4 Efter att du sparat layouten lägger du till en ny layout och upprepar steg 1-4.

5. Övervaka via video wall

1 Skärm 1 tilldelad till Wall 01 (2x2)

2 Tilldela kameror till 3x3 delat läge i layout-inställningarna

- När du klickar på knappen [▢] förstoras video wall till helskärm.
  När du klickar på knappen [✕] ändras zoomen för video wall till originalstorlek.



3 3x3 videoutgång på faktisk skärm #1

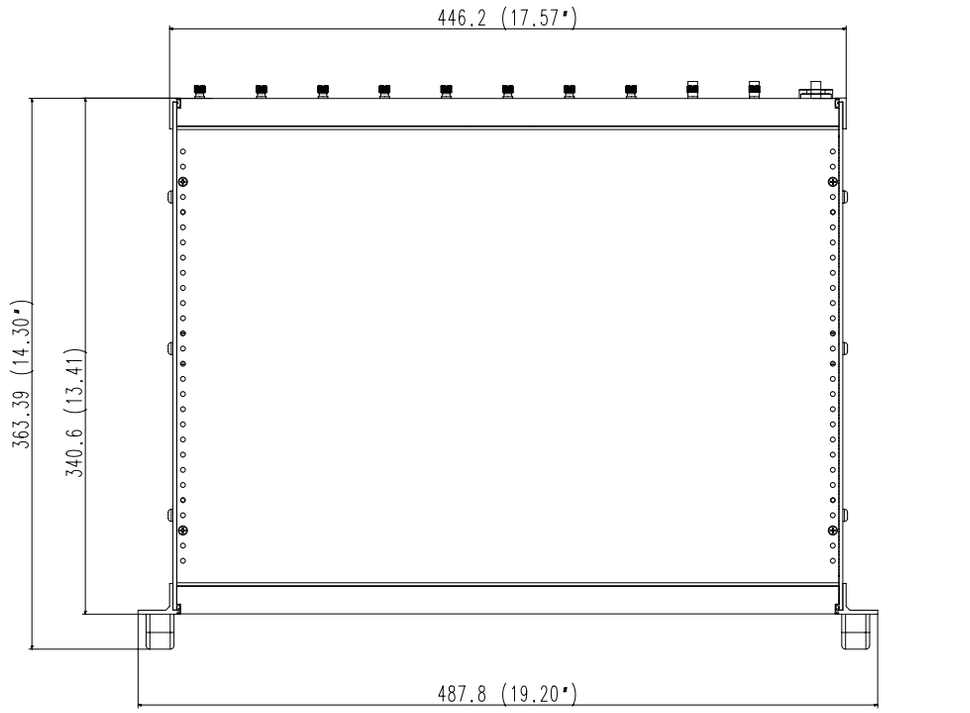
PRODUKTSPECIFIKATION

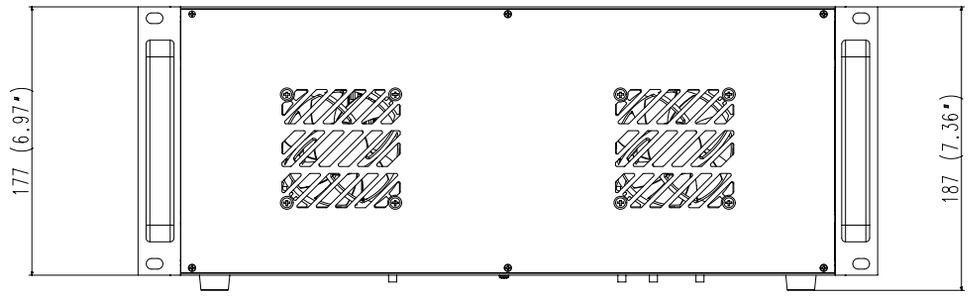
Alternativ			Detaljer
H/W	Videoutgång	HDMI	Upp till 16 (8: Upp till 4K, 8: Upp till 1080P)
		VGA	Upp till 16 (upp till 1080P)
		Format	HDMI1 : 3840*2160@60HZ/30HZ, 2560*1440@60HZ/30HZ,1920*1080@60HZ 1280*1024@60H, 1280*720@60Hz HDMI2 : 1920*1080@60HZ, 1280*1024@60H, 1280*720@60Hz VGA1/VGA2 : 1920*1080@60HZ, 1280*1024@60H, 1280*720@60Hz
	Videoingång	HDMI	1ea
		Format	1920*1080@60Hz, 1280*720@60Hz
	Extern	Ethernet	1ea (10/100/1000BASE-T)
		Serienummer	En RS-485 (Reserverad), Halv Duplex
		USB	USB 2.0 2ea (Reserverad)
		Ljudutgång	1ea
		Alarmingång/utgång	16ea / 8ea
		LED	Strömavkodning och nätverk
	Specifikationer	Ström	100 till 240 VAC ±10%; 50/60 Hz
		Energiförbrukning	Upp till 90W (med 8 SPD-260B installerad)
	Driftsmiljö	Driftstemperatur	0° C till +40° C (+32°F till +104°F)
		Luftfuktighet	20% ~ 85% RH
	Fysiska specifikationer	Färg / material	Svart/metall
		Mått (BxHxD)	B487.8 X H187 X D363.4 (mm) (19.20" x 7.36" x 14.31")
		Vikt	6.79 kg (Utan SPD-260B installerad)

Alternativ			Detaljer
S/W	Operativsystem		Inbäddad Linux
	Video	Kompressionsmetod	H.265/H.264/MJPEG
		Skärmfunktion	32CH 4K@30fps, 48CH 5M@30fps, 64CH 4M@30fps, 80CH 3M@30fps, 128CH 2M(1080P)@30fps
		Kameraupplösning	30fps@8MP, Upp till 12MP
		Bandbredd	512Mbps
		Bildskärmsbandbredd	600bps
		Delad skärm	(HDMI) 1/4/6/8/9/13/16/2V/3V/2 ※ VGAsänds ut på samma skärm som HDMI
		Layout	Stöder upp till 20 per skärm. Stöder sekvensen.
	Ljud	Codec	G.711/G.726/AAC
	Sammanfogade skärmar		1x2, 2x1, 2x2, 2x3, 3x2, 2x4, 2x5, 4x2, 3x3, 3x4, 4x3, 4x4, 3x5, 5x3, 5x2
	Management-mjukvara		SSM, Web-Viewer
	Tidsinställning		NTP/Manuell
	Säkerhetskopieringskonfigurationsinformation		Säkerhetskopieringskonfigurationsinformation
	Logg		Max. 20000 (System Log)
	Protooll		SUNAPI 2.3 eller senare och SVNP

PRODUKTÖVERSIKT

enhet: mm (tum)





STANDARDINSTÄLLNING

Återställ systemet genom att gå till "**Systemhantering** > **Inst.** > **Hämta fabriksinst.**" och trycka på knappen <**Initiering**>.

Med denna återgår du till fabrikstinställningarna.

- När du återställer <**Behörighetshanteringsinställningarna**> som ingår ombeds du starta om kameran och återställa lösenordet.

- Det initiala administratörs-ID:t är "**admin**" och lösenordet ska ställas in vid första inloggningen.
- Ändra lösenordet var tredje månad för att skydda personlig information och förhindra skada till följd av informationsstöld. Observera att säkerheten och andra problem som orsakas av felhantering av lösenord är användarens ansvar.

Kategori	Detaljer			Fabriksstandard
System	Datum/Tid/Språk	Systemtid	Manual	OFF
			Datum	YYYY-MM-DD
			Tid	24 tim.
			Tidszon	GMT
		DST	DST	AV
		Tidssynk	Tidssynk	AV
		Språk	Språk	English
		Sem.	Sem.	AV
	Infomation	Enhet	Enhetsnamn	SPD-1660R
	Inställningar	Driftsläge		Fristående
	Logg		Typ	Visa alla
Användare	Admin	Ändra administratörslösenord	ID	admin
Händelse	Sensorlarm		Sensortyp	AV
			Alarm ut	Ingen
			Varaktighet	10 sek.
	Planerat alarm ut		Alarm ut1	Händelsesynk
Nätverk	Nätverk	IPv4	IP-typ	Fast IP
			IP-adress	192.168.1.200
			Nätmask	255.255.255.0
			Gateway	192.168.1.1
			DNS	168.126.63.1
		IPv6	Använd IPv6	AV
			Mode	Standard
		HTTP-port	HTTP-port	80
	IP-filtrering		Filtreringstyp	Avslå
	SSL		Säkrad anslutningssystem	HTTP (ej säkrad anslutning)
	802.1x	IEEE 802.1x-inst.	Tillåt IEEE 802.1x	AV
	SNMP		Tillåt SNMP v1	AV
			Tillåt SNMP v2	AV
			Tillåt SNMP v3	AV
			Tillåt SNMP Traps	AV

FELSÖKNING

Symptom	Åtgärd
Livevideon blir långsam eller klipps.	• Det inställda ramnumret för flera datasändningar som angetts i kameran eller nätverksmiljön kan skilja sig från den faktiska sändningshastigheten. Klicka på OSD-ikonen på vänster sida i layouten för att kontrollera de kameraspecifika inställningarna och antalet bildrutor som ska visas. Vid registrering av kameran skapar du en profil med namnet Live4NVR och konfigurerar HL264 800*600 30fps som standardinställning. Om du redan har Live4NVR, kan du använda den utan att ändra dina inställningar. Vid behov ändrar du antalet bildrutor i kameran med kamerans webbsida eller en annan ansluten enhet. • Om du ser att videon börjar gå långsamt eller klipps ska du kontrollera nätverksmiljön eller kameramiljön.
Systemet slås inte på och indikatorn på frontpanelen fungerar inte alls.	• Kontrollera om strömkabeln är ansluten ordentligt. • Kontrollera systemets ingångsspänning och jämför att det är samma som i strömkällan. • Om problemet kvarstår även efter att du har vidtagit åtgärderna som anges ovan ska du kontrollera strömförsörjningen och byta mot en ny om det behövs. • Kontrollera på insidan att kablarna är korrekt anslutna. (SMPS, FRAM)
Viv visning av vissa kanaler syns endast en svart ruta trots att det finns en ansluten videokälla.	• Kontrollera om kameran är ordentligt ansluten till strömuttaget. • Kontrollera att videoutgången är ansluten till kamerans Webbvisning. • Kontrollera att nätverksporten är korrekt ansluten och att nätverksinställningarna är korrekta. • Se till att nätverkshubben har stöd för Gigabit-hastigheter.
Endast logotypen visas upprepat på skärmen.	• Efter anslutning till webbvisaren kontrollerar du '**Inst.** > **Infomation** > **Dekoderstatus**' för att se om det finns några problem med den aktuella skärminformationen.
Ingen video visas på den anslutna bildskärmen.	• Kontrollera om kablarna är rätt anslutna till bildskärmen. • Kontrollera att den konfigurerade upplösningen överskrider de utgående specifikationerna för skärmen. - Maximal HDMI1-upplösning, med två HDMI-utgångar per dekoder: 2160p. Maximal HDMI2-upplösning Du kan konfigurera/utgång upp till 1080. Se till att den anslutna skärmen stöder den konfigurerade upplösningen. För VGA, om skärmen är konfigurerad över 1080P, visas den i lägre upplösning; bekräfta att skärmen stöder upplösningen.
Kameran är inte ansluten eller så kan inte datorn ansluta till produkten.	• Kontrollera att nätverkskabeln är ordentligt ansluten. • Kontrollera att du har ställt in Nätverk – Granssnitt. • Kontrollera IP-inställningen för datorn eller kameran. • Försök med pingtestet. • Kontrollera om det finns en annan enhet nära produkten som använder samma IP-adress.
Jag har registrerat min kamera, men jag kan inte se någon video på skärmen.	• Kontrollera om kameran är ansluten. (Anslutningsikonen ska vara synlig till vänster.) • För en video wall i den tilldelade layouten måste en skärm tilldelas på fliken "**Videovägg**".
Skärmen växlar inte automatiskt i Webbvisning.	• Se till att sekvenslayoutinställningen till vänster har markerats.
Liveskärmen är för ljus eller för mörk.	• Kontrollera videoinställningarna för den registrerade kameran.
Ett popup-fönster visas där du ombeds ange återställningstid på grund av batteriproblem.	• Det här alternativet visas när det uppstår ett fel i tidsinställningarna för dekoderns inbyggda klocka ellr när det uppstår ett problem i den interna klockrelaterade delen. Kontakta vårt servicecenter eller din återförsäljare för inspektion.
Det är svårt att konfigurera nätverket med en router.	• Mer information finns i användarhandboken. • Om du ansluter via router bör du läsa igenom avsnittet "**Ansluta till och ställa in nätverket**" i den här bruksanvisningen.
Jag har glömt lösenordet.	• Du kan återställa lösenordet genom att trycka på skåran på baksidan. (Se beskrivningen för steg 5 eller sidan 6)
Inget ljud sänds ut från en skärm som är ansluten via HDMI	• Ljudet sänds bara ut från AUDIO OUT. (Se beskrivningen för steg 8 på sidan 6)
VGA-skärmen verkar vara lutad.	• Om det finns en svart bakgrundsskärm, kan skärmen inte justeras automatiskt beroende på skärmen. Om du visar alla bilder på delad skärm och utför automatisk justerar för skärmen kan du visa bilder i mitten av skärmen på skärmen.
Jag kan inte se HDMI-vieoingångsskärmen.	• Kontrollera om datorn detekterar skärmen med datorskärmsupplösning. Om den inte gör det trycker du på knappen Detektera så att den kan detekteras av datorn.

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- **LGPL Software**: ffmpeg-2.4.3, glibc 2.16, Live555, Qt 4.7.2
- **MPL 1.1**: npapi-sdk
- **BSD 2-Clause License**: FreeBSD
- **BSD 3-Clause License**: miniupnpc-1.5-ppc, net-snmp-5.6.2.1, ppp-2.4.5, jquery.sha256, jsbn, libjpeg-turbo, lighttpd, msinttypes, requires, spheral++, sprintf 0.7, System-Verilog-Packet-Library, Text OpenGL Extension Wrangler Library 1.7.0
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- **ISC License**: dhcp 4.3-2rc2
- **Brian Gladman Alternate License**: AES with the VIA ACE
- **Acknowledgement**: This product includes modified version of ffmpeg, Live555, Qt 4.7.2, and npapi-sdk.

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Version 2, June 1991

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The following individuals contributed in part to the Network Time Protocol Distribution Version 4 and are acknowledged as authors of this work.

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2. [2]Bernd Altmeier <altmeier@atlsoft.de> hopf Elektronik serial line and PCI-bus devices

3. [3]Viraj Bais <vbais@mailman1.intel.com> and [4]Clayton Kirkwood <kirkwood@striderfm.intel.com> port to WindowsNT 3.5

4. [5]Michael Barone <michael,barone@lmco.com> GPSVME fixes

5. [6]Karl Berry <karl@owl.HQ.ileaf.com> syslog to file option

6. [7]Greg Brackley <greg.brackley@bigfoot.com> Major rework of WINNT port. Clean up recvbuf and iosignal code into separate modules.

7. [8]Marc Brett <Marc.Brett@westgeo.com> Magnavox GPS clock driver

8. [9]Piete Brooks <Piete.Brooks@cl.cam.ac.uk> MSF clock driver, Trimble PARSE support

9. [10]Reg Clemens <reg@dwf.com> Oncore driver (Current maintainer)

10. [11]Steve Clift <clift@ml.csiro.au> OMEGA clock driver

11. [12]Casey Crellin <casey@csc.co.za> vxWorks (Tornado) port and help with target configuration

12. [13]Sven Dietrich <sven_dietrich@trimble.com> Palisade reference clock driver, NT adj. residuals, integrated Greg's Winnt port.

13. [14]John A. Dundas III <dundas@salt.jpl.nasa.gov> Apple A/UX port

14. [15]Torsten Duwe <duwe@immd4.informatik.uni-erlangen.de> Linux port

15. [16]Dennis Ferguson <dennis@mrbill.canet.ca> foundation code for NTP Version 2 as specified in RFC-1119

16. [17]Glenn Hollinger <glenn@herald.usask.ca> GOES clock driver

17. [18]Mike Iglesias <iglesias@uci.edu> DEC Alpha port

18. [19]Jim Jagielski <jim@jagubox.gsfc.nasa.gov> A/UX port

19. [20]Jeff Johnson <jbj@chatham.usdesign.com> massive prototyping overhaul

20. [21]Hans Lambermont <Hans.Lambermont@nl.origin-it.com> or [22]<H.Lambermont@chello.nl> ntpsweep

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22. [24]Frank Kardel [25]<Frank.Kardel@informatik.uni-erlangen.de>

PARSE <GENERIC> driver (14 reference clocks), STREAMS modules for PARSE, support scripts, syslog cleanup

23. [26]William L. Jones <jones@hermes.chpc.utexas.edu> RS/6000 AIX modifications, HPUX modifications

24. [27]Dave Katz <dkatz@cisco.com> RS/6000 AIX port

25. [28]Craig Leres <leres@ee.lbl.gov> 4.4BSD port, ppsclock, Magnavox GPS clock driver

26. [29]George Lindholm <lindholm@ucs.ubc.ca> SunOS 5.1 port

27. [30]Louis A. Mamakos <louie@ni.umd.edu> MD5-based authentication

28. [31]Lars H. Mathiesen <thorinn@diku.dk> adaptation of foundation code for Version 3 as specified in RFC-1305

29. [32]David L. Mills <mills@udel.edu> Version 4 foundation: clock discipline, authentication, precision kernel; clock drivers: Spectracom, Austron, Arbiter, Heath, ATOM, ACTS, KSI/Odetics; audio clock drivers: CHU, WWV/H, IRIG

30. [33]Wolfgang Moeller <moeller@gwdgv1.dnet.gwdg.de> VMS port

31. [34]Jeffrey Mogul <mogul@pa.dec.com> ntptrace utility

32. [35]Tom Moore <tmoore@fievel.daytonoh.ncr.com> i386 svr4 port

33. [36]Kamal A Mostafa <kamal@whence.com> SCO OpenServer port

34. [37]Derek Mulcahy <derek@toybox.demon.co.uk> and [38]Damon Hart-Davis <d@hd.org> ARCRON MSF clock driver

35. [39]Rainer Pruy <Rainer.Pruy@informatik.uni-erlangen.de> monitoring/trap scripts, statistics file handling

36. [40]Dirce Richards <dirce@zk3.dec.com> Digital UNIX V4.0 port

37. [41]Wilfredo Sánchez <wsanchez@apple.com> added support for NetInfo

38. [42]Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules

39. [43]Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of space on the stuff in the html/pic/ subdirectory

40. [44]Ray Schnitzler <schnitz@unipress.com> Unixware1 port

41. [45]Michael Shields <shields@tembel.org> USNO clock driver

42. [46]Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock driver

43. [47]Harlan Stenn <harlan@pfcs.com> GNU automake/ autoconfigure makeover, various other bits (see the ChangeLog)

44. [48]Kenneth Stone <ken@sdd.hp.com> HP-UX port

45. [49]Ajit Thyagarajan <ajit@ee.udel.edu>IP multicast/anycast support

46. [50]Tomoaki TSURUOKA <tsuruoka@nc.fukuoka-u.ac.jp>TRAK clock driver

47. [51]Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic TrueTime clock driver

48. [52]Ulrich Windl <Ulrich.Windl@rz.uni-regensburg.de> corrected and validated HTML documents according to the HTML DTD

[53]gif

[54]David L. Mills <mills@udel.edu>

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52. mailto:Ulrich.Windl@rz.uni-regensburg.de
53. file://localhost/backroom/ntp-stable/html/index.htm
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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.

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(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 avfallshanteras korrekt kan dessa ämnen orsaka skador på människors hälsa eller på miljön.

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