

# AĞ KAMERASI

## Kullanım Kılavuzu

XNP-6320RH  
XNP-6250RH

# Ağ Kamerası

## Kullanım Kılavuzu

### Telif hakkı

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### Ticari marka

Burada belirtilen her bir ticari marka tescillidir. Bu kılavuzda bahsi geçen ürünün adı ve ticari markalar ilgili şirketin tescilli ticari markalarıdır.

### Kısıtlama

Bu dokümanın telif hakkı saklıdır. Resmi yetki olmadan, hiçbir koşul altında, bu doküman çoğaltılamaz, dağıtılamaz, kısmen veya tamamen değiştirilemez.

### Sorumluluk Reddi

Hanwha Vision bu belgedeki içeriklerin bütünlüğünü ve doğruluğunu sağlamak için mümkün olan tüm çabayı göstermekle birlikte resmi bir garanti verilmemektedir. Bu belgenin kullanımı ve bundan kaynaklanan tüm sonuçların sorumluluğu tamamen kullanıcıya aittir. Hanwha Vision bu belgenin içeriklerini önceden bildirim yapmadan değiştirme hakkını saklı tutar.

❖ Tasarım ve spesifikasyonlar önceden bildirim yapılmadan değiştirilebilir.

❖ İlk yönetici kimliği “admin”dir ve ilk kez oturum açıldığında şifrenin ayarlanması gerekir.

Lütfen kişisel bilgilerinizi güvenli şekilde korumak ve bilgilerin çalınmasını önlemek için her üç ayda bir şifrenizi değiştirin.

Lütfen güvenlik ve şifrenin yanlış yönetilmesinden kaynaklanan diğer sorunların kullanıcının sorumluluğunda olduğunu unutmayın.

## ÖNEMLİ GÜVENLİK YÖNERGELERİ

1. Bu yönergeleri okuyun.
2. Bu yönergeleri saklayın.
3. Uyarıları dikkate alın.
4. Yönergeyi takip edin.
5. Bu cihazı suyun yakınında kullanmayın.
6. Ürün yüzeyinde kirlenen alanı, yumuşak kuru veya nemli bir bezle silin. (Ürünün şeklini bozabilecek veya hasar verebilecek, alkol, solventler veya surfaktanlar içeren deterjan veya kozmetik ürünler kullanmayın)
7. Havalandırma deliklerini kapatmayın. Üreticinin talimatlarına göre kurun.
8. Radyatör, ısı aygıtları gibi ısı kaynaklarının veya (amplifikatörler dahil) ısı üreten diğer cihazların yayına koymayın.
9. Güvenlik amaçlı polarize veya topraklamalı tip fişi bozmayın. Polarize fiş, biri diğerinden daha geniş iki ağıza sahiptir. Topraklama tipi fiş iki ağıza ve üç topraklama dişine sahiptir. Geniş ağız veya üçüncü diş güvenliğinizi için sağlamıştır. Verilen fiş prizinize uymuyorsa tam uyan bir prizle değiştirmek için elektrikçiyle görüşün.
10. Özellikle fişlerde, priz yuvalarında ve üründen çıkan uçlarda sıkışan veya yürüyüş yolu üzerinde olan güç kablolarını koruyun.
11. Yalnızca üretici tarafından belirtilen ekleri/ aksesuarları kullanın.
12. Yalnızca üretici tarafından belirtilen veya cihazla birlikte satılan tekerlekli taşıma sehpası, kamera ayağı, üç ayaklı sehpa, dirsek veya masa kullanın. Tekerlekli taşıma sehpası kullanıldığında, devrilmeden kaynaklanabilecek yaralanmalardan kaçınmak için sehpa/cihaz kombinasyonunu dikkatli taşıyın.
13. Fırtına sırasında veya uzun süre kullanılmadan bırakıldığında bu cihazı prizden çıkartın.
14. Bütün servis işlemlerini yetkili servis personeline bildirin. Güç kaynağı kordonu veya fişin zarar görmesi, sıvının dökülmesi veya cihazın içine nesne düşmesi, cihazın yağmura veya neme maruz kalması, normal çalışmaması veya düşmesi gibi herhangi bir şekilde cihaz hasar gördüğünde servis gereklidir.
15. Bu ürünün "Sınıf 2" veya "LPS" olarak işaretlenmiş bir Listelenmiş Güç Kaynağı Ünitesi tarafından beslenmesi ve min. 0,93 A değerinde PoE (55 V DC) veya min. 4,25 A değerinde 24 V AC (50 veya 60 Hz) olarak derecelendirilmesi amaçlanmıştır.
16. Bu ürünün izolasyon gücüyle beslenmesi amaçlanmıştır.
17. Ürünü kurarken aşırı güç kullanırsanız, kamera hasar görebilir ve arıza yapabilir. Uyumsuz aletler kullanarak ürünü zorla yüklerseniz, ürün hasar görebilir.
18. Ürünü kimyasal madde veya yağ buharı bulunan veya bunların oluşabileceği bir yere kurmayın. Soya yağı gibi yenilebilir yağlar ürüne hasar verebilir veya şeklini bozabilir; ürünü mutfakta veya mutfak masasına yakın bir yere kurmayın. Bu, ürünün zarar görmesine neden olabilir.
19. Ürünü kurarken, ürün yüzeyinin kimyasal madde ile lekelenmesine izin vermeye dikkat edin. Temizleyici veya yapıştırıcı gibi bazı kimyasal solventler ürünün yüzeyine ciddi hasar verebilir.
20. Ürünü tavsiye edildiği şekilde kurmazsanız/kaldırmazsanız, üretim işlevleri/performans garanti edilemez. Kullanıcı kılavuzundaki "Kurulum ve Bağlantı" bölümüne bakarak ürünü kurun.
21. Ürünün su içinde kurulması veya kullanılması ürüne ciddi zararlar verebilir.
22. Ürününüz normal çalışıyorsa, ön ayar hassasiyeti derecesi 0,2'dir. Kesinti, belenim yükseltmesi vb. nedenlerle yeniden başlatma durumunda, Önayar kurulumundaki değişiklikleri kontrol ettikten sonra ürünün toleransının ayarlanması gerekebilir.



## UYARI

YANGIN VEYA ELEKTRİK ŞOKU RISKİNİ AZALTMAK İÇİN, BU CİHAZI YAĞMUR VEYA NEME MARUZ BIRAKMAYIN. CİHAZDAKİ HAVALANDIRMA IZGARALARINA VEYA DİĞER DELİKLERE HİÇBİR METAL NESNE SOKMAYIN.

Cihaza sıvı damlatılmamalı veya dökülmemelidir; ayrıca vazo gibi sıvı dolu nesneler cihazın yakınında bulunmamalıdır.

Yaralanmaları önlemek için, bu cihaz montaj talimatlarına göre Duvara/tavana güvenli şekilde monte edilmelidir.

**Kaydırma/Eğme/Yakınlaştırma motorları ve kayar halka sürekli çalışmaya karşı bir yıl garantilidir.**

## DİKKAT

	<b>DİKKAT</b> ELEKTRİK ÇARPMA RİSKİ VARDIR AÇMAYIN	
<b>DİKKAT : ELEKTRİK ÇARPMA RİSKİNİ AZALTMAK İÇİN ARKA KAPAĞI KALDIRMAYIN (VEYA ARKASINI AÇMAYIN) KULLANICININ MÜDAHALE EDEBİLECEĞİ PARÇA BULUNMAMAKTADIR. YETKİLİ SERVİS PERSONELİNE BAŞVURUNUZ.</b>		

## GRAFİK SEMBOLLERİNİN AÇIKLAMASI



Eşkenar üçgen içindeki ok uçlu şimşek sembolü, ürün muhafazasında, kişiyi elektrik çarpmasına maruz bırakabilecek büyüklükte "tehlikeli gerilim" olduğunu kullanıcıya haber vermeyi amaçlar.



Eşkenar üçgen içindeki ünlem işareti, ürünle beraber verilen literatürde önemli çalışma ve bakım (servis) talimatlarının olduğunu kullanıcıya haber vermeyi amaçlar.

### Sınıf I yapısı

Sınıf I yapısındaki bir cihaz, koruyucu topraklama bağlantısı bulunan bir ELEKTRİK prize bağlanmalıdır.

### Pil

Piller (takılı pil takımı veya piller), güneş ışığı, ateş veya benzeri yüksek ısı kaynaklarına maruz bırakılmamalıdır.

Pil değiştirilemez.

### CIHAZIN BAĞLANTISINI KESME

Anızalanması halinde elektrik fişini çekerek cihazdan çıkarın. Lütfen bölgenizdeki bir tamirciyi arayın.

**ABD dışındaki bölgelerde, HAR koduyla onaylanan bir kuruluşun aksesuarlarıyla birlikte kullanılabilir.**

### DİKKAT

Bu servis talimatları yalnızca yetkili servis personeline yöneliktir. Elektrik çarpması riskini azaltmak için, gerekli yetkileriniz olmadığı sürece çalıştırma talimatlarında yer alan servis işlemlerinden başka bir işlem gerçekleştirmeyin.

Kolay kurulum için üründe CVBS çıkış terminali bulunur ve izleme amacı için önerilmez.

Lütfen güç girişini yalnızca bir kamera ile kullanın; diğer cihazlar bağlanmamalıdır.

**ITE yalnızca PoE ağılarına bağlanabilir, harici bir tesise yöneltilemez.**

Lütfen aşağıdaki önerilen güvenlik önlemlerini dikkatle okuyun.

- Bu cihazı düz olmayan bir yüzeye yerleştirmeyin.
- Doğrudan güneş ışığına maruz kalacağı bir yüzeye, ısıtma cihazlarının yakınına veya aşırı soğuk bir alana monte etmeyin.
- Bu cihazı iletken nesnelerin yakınına yerleştirmeyin.
- Bu cihazı kendiniz onarmaya çalışmayın.
- Ürünün üzerine su dolu bir bardak koymayın.
- Manyetik kaynakların yakınına monte etmeyin.
- Havalandırma açıklıklarını kapatmayın.
- Ürünün üzerine ağır nesneler koymayın.
- Kamerayı kurarken/sökerken lütfen koruyucu eldiven giyin. Ürünün yüksek sıcaklıktaki yüzeyi yanmaya neden olabilir.

Kullanım Kılavuzu, ürünlerin nasıl kullanılabileceğini gösteren bir kılavuz kitaptır.

Kitaptaki kullanım sembolü şu anlamlara gelmektedir.

- Referans : Ürünün kullanımına yardımcı olacak bilgiler sağlandığında
  - Uyarı : Talimata uyulmaması nedeniyle ürünün zarar görmesi veya yaralanma olasılığı söz konusuysa
- ✖ Lütfen bu kılavuzu ürünleri kullanmadan önce güvenliğinizi için okuyun ve güvenli bir yerde saklayın.

Özel kurulum ortamlarında telsiz iletişimde girişim olabilir.

Ürün ile radyo iletişim cihazı arasında elektromanyetik dalga girişimleri olduğunda, ikisi arasında belirli mesafeyi korumanız veya alıcı antenin yönünü değiştirmeniz önerilir.



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## ÖNERİLEN PC ÖZELİKLERİ

- CPU : Intel(R) Core(TM) i7 3.4 GHz veya daha üstü
  - RAM : 8G veya üstü
  - Desteklenen İşletim Sistemi : Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12
  - Önerilen tarayıcı: Google Chrome  
Desteklenen Tarayıcılar: MS Explore11, MS Edge, Mozilla Firefox (sadece Window 64bit), Apple Safari (sadece Mac OSX)
- Doğrulanmış OS ve tarayıcılarla ilgili ayrıntılı bilgi için lütfen eke bakın.

## TAVSİYE EDİLEN MICRO SD/SDHC/SDXC B ELLEK KARTI ÖZELLİK

- Önerilen kapasite: 16 GB ila 512 GB (MLC tipi)
- Bu kamera için aşağıdaki üreticilerin aşağıda belirtilen bellek kartı türleri önerilir.
  - Üretici: SanDisk, Transcend
  - Ürün ailesi: Yüksek dayanıklılık

## NAS İÇİN ÖNERİLEN TEKNİK ÖZELLİKLER

- Önerilen kapasite : 200GB veya üstü önerilir.
- Eşzamanlı erişim : Tek bir NAS birimi en çok on altı kameranın erişimini kabul edebilir.
- Bu kamera için, aşağıdaki üretici teknik özelliklerine sahip bir NAS kullanmanız önerilir.










Önerilen ürünler	Mevcut boyutlar
Netgear NAS	Eşzamanlı olarak en fazla 16 kamera erişebilir.
Synology NAS	Eşzamanlı olarak en fazla 16 kamera erişebilir.





- Netgear'ın NAS ekipmanını kullanırken, kullanım için kapasite tahsis etmeyin.
- NAS ekipmanını video kaydetmek dışında bir amaçla kullanıyorsanız, erişilebilir kamera sayısı düşürülebilir.

## DAHİL OLANLAR

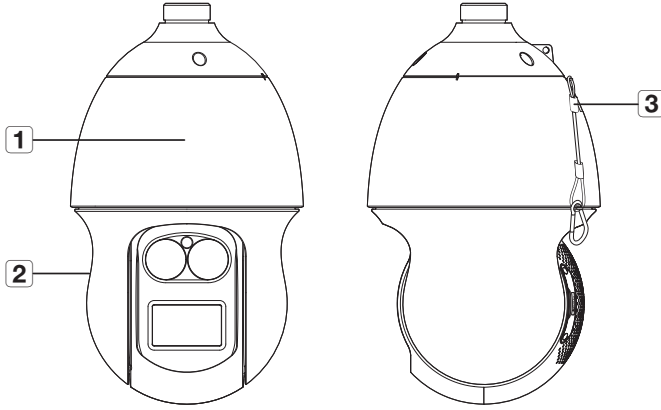
Kameranızın ve aksesuarlarınızın ürün ambalajında bulunup bulunmadığını lütfen kontrol edin.  
(Satış yapılan her ülkede aksesuar aynı değildir.)

Görünüm	Öge Adı	Adet	Açıklama
	Ana Gövde	1	
	Hızlı Kullanma Kılavuzu (İsteğe bağlı)	1	
	Garanti kartı (İsteğe bağlı)	1	
	HPoE enjektörü	1	Güç kaynağı ve ağı bağlar
	Monitör test kablosu	1	Kameranın taşınabilir bir görüntü cihazına bağlantısını test etmek için kullanılır
	Güç kablosu	1	HPoE'ye bağlanır
	Ses/RS-485 konektörü	1	Ses ve RS-485 bağlantısı için kullanılır
	Altıgen vida	3	Montaj tabanını kameraya takmak için kullanılır
	Allen Anahtarı	1	Montaj tabanını kameraya taktıktan sonra sabitlemek için kullanılır

Görünüm	Öge Adı	Adet	Açıklama
	Montaj tabanı	1	Ürün kurulumu için braket
	Su geçirmezlik aksesuarı	1	Nemin yüksek olduğu yerlerde kurun ve kullanın.

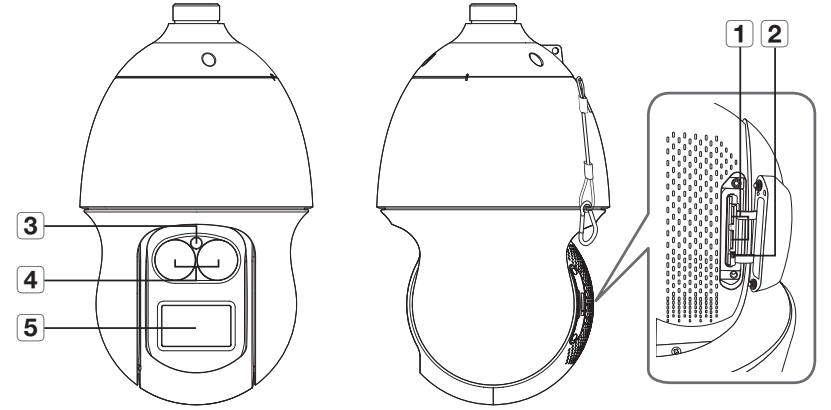
## İLK BAKIŞ

## Görünüm



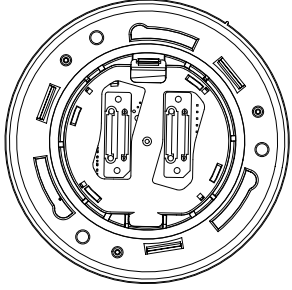
Madde	Açıklama
<b>1</b> Ana ünite	Dahili PTZ mekanizmasını doğrudan gelen güneş ışığından, yağmurdan veya harici darbelerden korur.
<b>2</b> Muhafaza Kapağı	Lens ve ünite koruması için muhafaza kapağı.
<b>3</b> Güvenlik Kablosu	Kablo ürünün montaj sırasında düşmesini önler.

## İç kısım

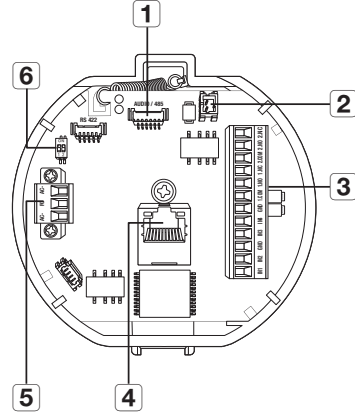


Madde	Açıklama
<b>1</b> Micro SD Bellek Kartı Bölmesi	Micro SD bellek kartı için bölme. <input checked="" type="checkbox"/> Micro SD bellek kartı yerleştirme konumu için <Micro SD Hafıza Kartını Takmak/Çıkartmak> bölümüne bakın. (sayfa 10)
<b>2</b> Reset Düğmesi	Düğme, tüm kamera ayarlarını fabrika varsayılan ayarlarına geri döndürür. Sistemi yeniden başlatmak için yaklaşık 5 saniye basılı tutun. <b>!</b> Kamerayı sıfırlarsanız, DHCP'nin etkinleştirilmesi için ağ ayarları yapılır. Ağda DHCP sunucusu yoksa, ağa bağlanabilmeniz için önce IP adresi, Alt ağ maskesi, Ağ geçidi, vb. temel ağ ayarlarını değiştirmek için Device Manager programını çalıştırmanız gerekmektedir.
<b>3</b> Aydınlatma Sensörü	IR LED'i kontrol etmek için gelen ışığı algılar.
<b>4</b> IR LED'i	Bu kızılötesi LED'ler aydınlatma sensörü tarafından kontrol edilir.
<b>5</b> Mercek	Kamera Lensi.

## Montaj Tabanının Altın Görünümü



## Montaj Tabanının İç Görünümü



Madde	Açıklama
1 Ses/RS-485 konektörü	Bu, ses ve RS-485 kablolarını bağlamak için kullanılan bir terminaldir.
2 Video Çıkış Bağlantı Noktası	Analog video çıkışı bağlantı noktası. (kurulum için)
3 Alarm I/O Bağlantı Noktası	Alarm I/O kablosunu bağlamak için kullanılır.
4 Ağ Bağlantıları	Ethernet kablosu kullanarak ağ ile bağlantı portu.
5 Güç Bağlantı Noktası	Gücü bağlamak için kullanılır.
6 İletişim Ayarı Düğmesi	İletişim protokolünü (RS-485) ayarlayın ve sonlandırılıp sonlandırılmayacağını belirtin.

## MONTAJ

- Bu fotoğraf makinesi, su geçirmezdir ve IP66 şartnamesine uygundur, ancak harici kabloya bağlanan jak uygun değildir. Kablounun tamamen açıkta kalmasını önlemek için bu ürünü saçak kenarlarının altına yüklemeniz önerilir.

### Kurulumdan Önce Alınması Gereken Önlemler

Kamerayı kurmadan önce aşağıdaki talimatları mutlaka okuyun:

- Kamera ağırlığının en az 5 katını taşıyabilecek bir kurulum yeri seçin.
- Sıkıştırılmış veya soyulmuş kablolar hasara neden olabilir veya yangın çıkarabilir.
- Güvenlik açısından, kurulum alanında kimsenin bulunmamasını sağlayın. Her ihtimale karşı özel eşyalarınızı kurulum alanından uzak tutun.
- Ürün aşırı kuvvet uygulanarak kurulursa parçalar bozulabilir ve bu da kameraya zarar verebilir. Montajı, uygun olmayan aletlerle yapmaya çalışmak ürüne zarar verebilir.

### Micro SD bellek kartını yerleştirme

1. SD tutucu dirseğindeki iki vidayı, tornavida kullanarak saat yönünün tersine çevirme yoluyla gevşetin.

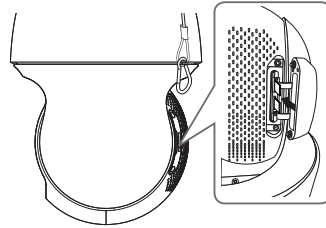
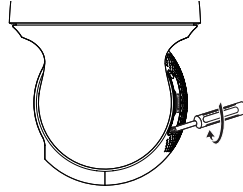
- Micro SD bellek kartını takmadan önce güç kablosunu kameradan çıkarın.
- Micro SD kartın yağmur yağarken ya da nem yüksek olduğunda takılması veya çıkarılması önerilmez.
- Micro SD bellek kartını takarken/sökerken, parçaların kaybolması veya düşmesi nedeniyle meydana gelebilecek kazaları önlemek için, üzerinde çalışmadan önce ürün gövdesini düz bir yere koyduğunuzdan emin olun.
- Vidayı tamamen çıkarmayın.

2. SD tutucu dirseğini yukarı çekin ve Micro SD bellek kartını şekilde gösterildiği gibi ok yönünde itin.

- Zorlayarak ters yönde takmaya çalışmayın. Bu, Micro SD bellek kartınıza ve ürüne zarar verebilir.

3. Micro SD bellek kartı takıldıktan sonra, kamerayı sökme prosedürünün ters sırasıyla monte edin.

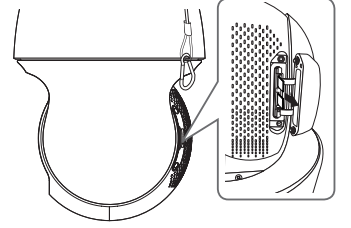
- Nem girişini önlemek için kamera gövdesini, koruyucu kapağı ve SD tutucu dirseğini monte ederken vidaları sıkın.



### Micro SD bellek kartını sökme

Hafıza kartını yuvasından çıkartmak için şemada gösterildiği gibi hafıza kartının açık tarafından yavaşça basın.

- Micro SD bellek kartı çıkık haldeyken sertçe itip bırakırsanız dışarı fırlayabileceğini lütfen unutmayın.
- Micro SD bellek kartını çıkartmadan önce, <Depolama> alanında, cihazı <Kapalı> duruma getirin ve [Uygula] düğmesine basarak kamerayı kapatın.
- Fotoğraf makinesini kapatırsanız veya üründen veriler içeren Micro SD bellek kartını çıkarırsanız, veriler kaybolabilir veya hasar görebilir.



### Kamera Kelepçesinin Hazırlanması ve Montajı

Kelepçe ve yuvaların montaj talimatları için kelepçe veya yuvala birlikte verilen kullanım kılavuzuna başvurun.

#### ■ Kullanılabilen Kelepçe Modelleri

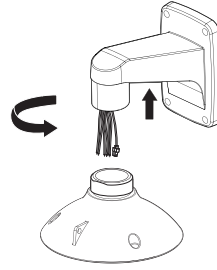
Model	Öge
SBP-300WM1	Duvara Montaj
SBP-300WM	
SBP-300CM	Tavana Montaj
SBP-300LM	Parmaklık Montajı
SBP-300KM	Köşeye Montaj
SBP-300PM	Direğe Montaj

- Kelepçelerin (bağımsız) görünümü için "Kurulum için İsteğe Bağlı Aksesuarlar" bölümüne bakın. (sayfa 13)

## Duvara montaj

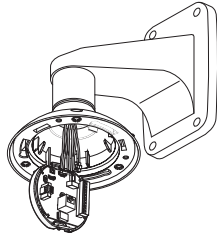
### ■ Montaj tabanını kelepçeyle sabitleyin

1. Tabanı saat yönünde çevirerek kelepçeyle sabitleyin.



2. Aşağıdaki resimde gösterildiği gibi montaj tabanının altındaki açılır kapanır kapağın tutacağına hafifçe bastırıp kaldırın. Lütfen sayfa 14'teki "**Kamera Kablo Bağlantıları Arabirim Kartı**" bölümüne bakın, kabloları bağlayın.

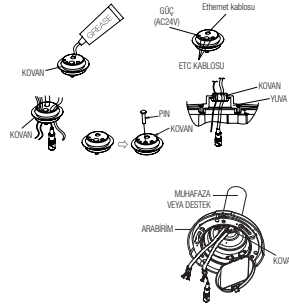
! Montaj tamamlanana kadar kamerayı prize takmayın. Montaj devam ederken cihaza güç verilmesi yangına veya ürünün zarar görmesine neden olabilir.



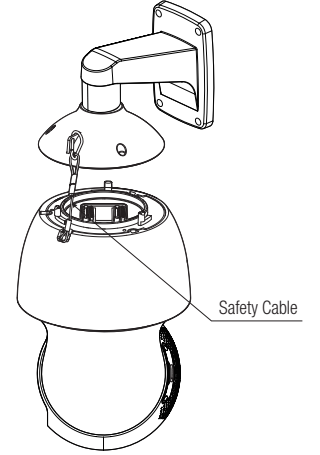
☑ Kablo bağlantı yöntemini kontrol edin ve kurun.

■ **KOVANLAR, BORU** veya **TABANDAN** rutubete maruz kalınabilecek dış mekan kurulumları için verilir; rutubetin girmesini engellemek için **YUVAYI KOVANI** kullanarak kurun.

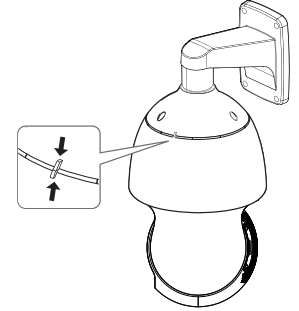
- Montaj öncesinde **KOVANA** uygun miktarda gres sürün ve kabloları kovanların her bir deliğinden geçirin. Kablo geçmeyen boş delikleri kapatmak için **PİMLERİ** kullanın.
- **KOVANI, YUVANIN** iç tarafının üst kısmına, aşağıdaki şekilde gösterilen şekilde monte edin. **KOVANI YUVAYA** sabitlemek için şekilde gösterilen biçimde eşit miktarda gres sürün.



3. Kamera güvenlik kablosunu montaj tabanına bağlayın.

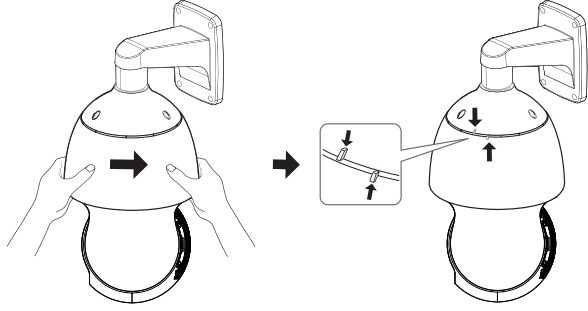


4. Kameranın ve Montaj Tabanının Birleştirilmesi  
Montaj tabanını ve kamerayı, montaj yönü kılavuzlarını eşleştirerek birleştirin.



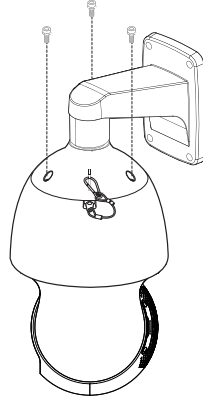
## 5. Kameranın Takılması

Üst bölümdeki ve alt bölümdeki referans işaretini şekilde gösterildiği gibi konumlandırmak için, ana gövdeyi saat yönünde döndürün.



## 6. Kamera ve Montaj Tabanını Sabitleyin

Montaj tabanını ve kamerayı aşağıdaki resimde gösterildiği gibi 3 adet altıgen vida kullanarak sabitleyin.



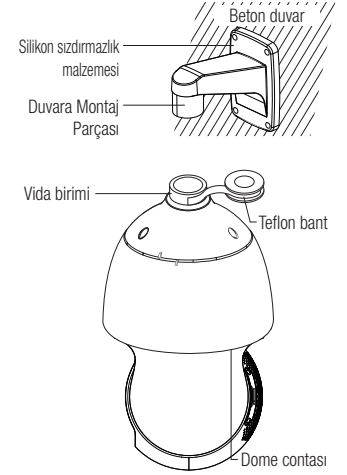
## Su Yalıtımı Notları

Bu model, dış mekan kullanımı için entegre bir muhafaza ürünüdür.

### ■ Ana gövdeyle duvar montaj parçasını duvara montaj için birleştirirken

1. Duvar montajını düz duvara yapın. Eğimli bir duvara monte edildiğinde, nem harici kablo üzerinden ana gövdeye sızabilir.
2. Montaj için, muhafazanın vidalı bölümünü yeterli miktarda teflon bantla sann.
3. Lütfen, muhafaza kapağı muhafaza gövdesine montajlıyken ve ayrıldığında contanın muhafaza kapağından sökülmediğinden emin olun.
4. Su yalıtımı için duvara montaj adaptörünü monte edin ve sızdırmazlık için duvar ve duvar montajı arasına ve etrafına silikon sızdırmazlık malzemesi uygulayın.

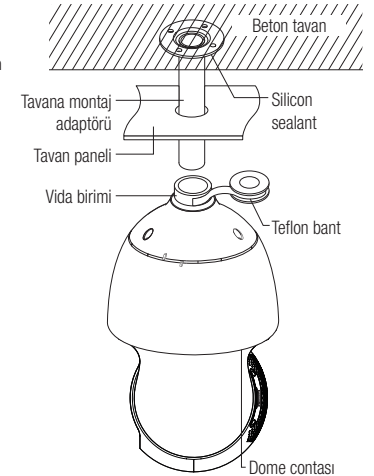
! ■ Monte edilen taraf düz değilse, uygun sızdırmazlık olduğundan emin olmak için gerekli önlemleri alın.



### ■ Duvara montaj için ana gövdeyi ve tavan montaj adaptörünü birleştirirken

1. Montaj için, muhafazanın vidalı bölümünü yeterli miktarda teflon bantla sann.
2. Lütfen, muhafaza kapağı muhafaza gövdesine montajlıyken ve ayrıldığında contanın muhafaza kapağından sökülmediğinden emin olun.
3. Su yalıtımı için tavana montaj adaptörünü monte edin ve sızdırmazlık için duvar ve tavana montaj parçası arasına ve etrafına silikon sızdırmazlık malzemesi uygulayın.

! ■ Monte edilen taraf düz değilse, uygun sızdırmazlık olduğundan emin olmak için gerekli önlemleri alın.

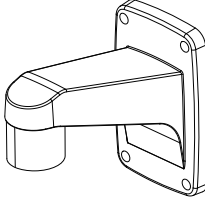




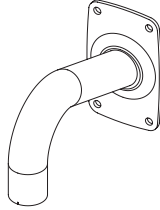
## Kurulum için İsteğe Bağlı Aksesuarlar

Kurulumu daha kolay gerçekleştirmek için, mevcut olan isteğe bağlı uygun aksesuarları satın alabilirsiniz.

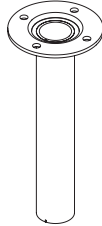
1. Kamera duvara monte ediliyorsa
  - Duvara Montaj (SBP-300WM1)



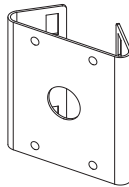
- Duvara Montaj (SBP-300WM)



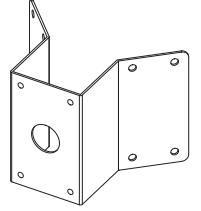
2. Kamera tavana monte ediliyorsa
  - Tavana Montaj (SBP-300CM)



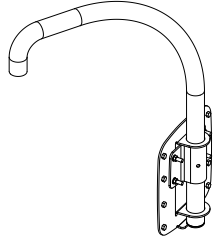
3. Duvara montaj (SBP-300WM/SBP-300WM1) en az 80 mm uzunluğunda bir silindire yapılıyorsa
  - Direğe Montaj (SBP-300PM)



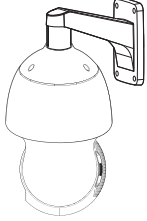
4. Duvara montaj (SBP-300WM/SBP-300WM1) bir duvarın köşesine yapılıyorsa
  - Köşeye Montaj (SBP-300KM)



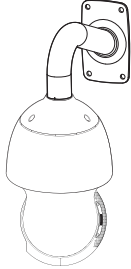
5. Bir binanın çatısına monte ediliyorsa
  - Parmaklık Montajı (SBP-300LM)



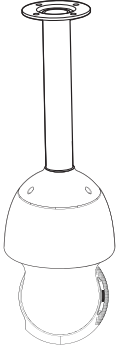
## ■ Montaj Bağlantı Parçası



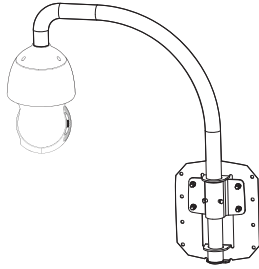
Duvara Montaj (SBP-300WM1)



Duvara Montaj (SBP-300WM)



Tavana Montaj (SBP-300CM)

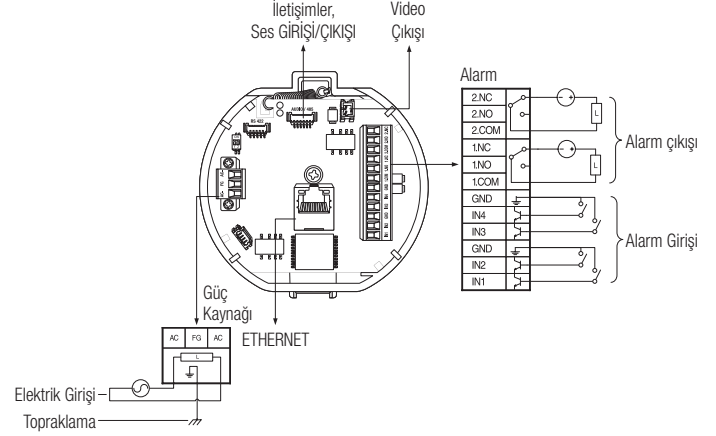


Parmaklık Montajı (SBP-300LM)

## DiĞER CİHAZLARLA BAĞLANTI

### Kamera Kablo Bağlantıları Arabirim Kartı

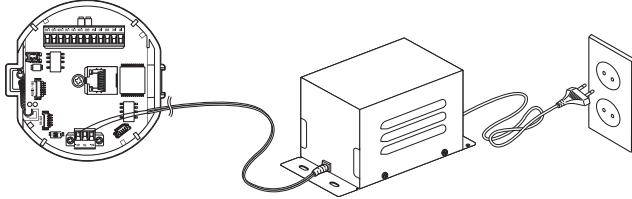
Kameranin kablo bağlantıları için lütfen aşağıdaki resme bakın.



- Kurulum menüsünden Normal Aç ögesini seçin.
  - Sensör girişi kontak tipi için kısa bir süre etkinleştirilir veya aktif tip için "Düşük" seviyede ise etkinleştirilir.
- Kurulum menüsünden Normal Kapat seçeneğini belirleyin.
  - Kontak tipi için açıkken, sensör girişi etkinleştirilir veya aktif tip için yüksek iç direnç durumunda (açık kollektör) etkinleştirilir.
- Alarm çıkış terminalinin maksimum kapasitesi 30V DC/2A, 125V AC/0.5A ve 250V AC/0.25A'dır.
- Alarm giriş ve çıkış kablolarını bağlarken, sırayla her bir terminale bir kablo bağladığınızdan emin olun.
- Kameranin kapasitesinin üzerindeki ürünleri bağlamak için, lütfen ek bir röle cihazı kullanın.
- Güç ve GND kabloları NC/NO veya COM portuna yanlış biçimde bağlanırsa, yangın veya ekipman arızası meydana gelebilir.

## Adaptör ve Kablonun Hazırlanması

- ! Kamera güc adaptörüne bağlayın. Sonra adaptörün güç kablosunu duvardaki prize takın.



Bağlantıları yapmadan önce nominal voltajı ve akımı kontrol edin.

Anma Gücü	İzin Verilen Giriş Voltajı	Akım Tüketimi
AC 24V	AC 22V ~ 26V	6A

- ! Ürün -50°C veya altındaki ortam sıcaklığında kullanılamaz.
- 50°C sıcaklıkta kurulum alanına bağlı olarak ürün donmayabilir.
- Düşük sıcaklık ortamında ürün tek başına bırakıldığında, normal çalışmaya başlaması 2 saati bulabilir.
- IR dimmer zoom yapma hızı at -40 °C veya altı ortam sıcaklığında düşebilir.
- 20 °C veya altı ortam sıcaklığına maruz kaldıktan sonra ürün açılırsa, saati sıfırlayın.
- Harici bir cihaz bağlamak istiyorsanız, devam etmeden önce harici cihazı kapatmanız gerekir.

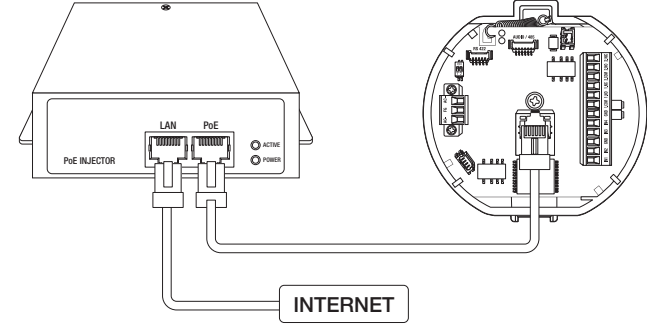
## Güç Kablosu Özellikleri

AC 24 V Girişi durumunda:

Tel Tipi (AWG)	#16	#14
Kablo Uzunluğu (Maks.)	14m	23m

## Ethernet Bağlantısı

Ethernet kablosunu yerel ağa veya İnternete bağlayın.



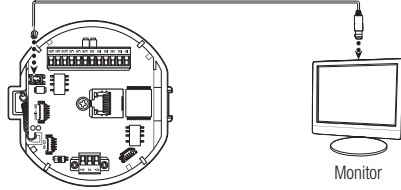
- ! Lütfen cihazın güç gereksinimlerine uygun bir adaptör kullanın.

## Ağ Kablosu Özellikleri

Öge	İçindekiler	İşaret
Konektör	RJ45 (10/100BASE-T)	
Ethernet	10/100BASE-T	
Kablo	UTP Kategori 5e	
Maks Mesafe	100M	DC direnci ≤ 0.125 Ω/m
HPoE Desteği	HPoE	

## Kurulum monitörünün bağlanması

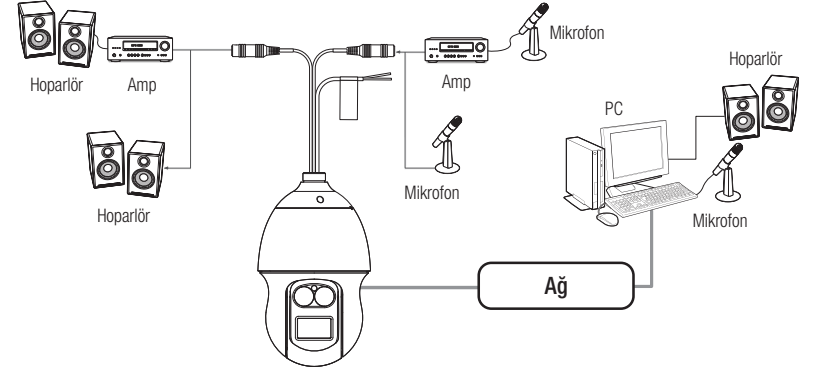
Kabloyu kameranın arkasındaki video çıkış terminaline ve kurulum monitörünün video giriş terminaline bağlayın.



- Kablolama, monitör türüne ve çevre aygıtlarına bağlı olarak farklılık gösterir, lütfen her aygıt için kullanım kılavuzuna bakın.
- Lütfen bağlamadan önce monitör ve kameranın kapalı olduğundan emin olun.

- Bu ürün, ağ üzerinden video gönderen bir ağ kamerasıdır, video çıkış terminali kurulumda kameranın görüntüleme aralığını ayarlamak için kullanılır.
- Terminalin izleme amaçlarıyla kullanılması, video kalitesinde düşme gibi sorunlara neden olabilir.
- CRT monitörlerini veya TFT/LCD taşınabilir monitörler kullanarak 24 saat izleme yapmak için uygun değildir.
- 24 saatlik izleme ve depolama için ağ transferi ekranını kullanın.

## Ses Giriş/Çıkışa Bağlamak



1. Kameranın AUDIO IN bağlantı noktasını mikrofona veya mikrofonun bağlı olduğu amplifikatörün LINE OUT bağlantı noktasına bağlayın.
2. Kameranın AUDIO OUT bağlantı noktasını hoparlöre veya hoparlörün bağlı olduğu amplifikatörün LINE IN bağlantı noktasına bağlayın.
3. Ses girişi için teknik özellikleri kontrol edin.

### • Ses Kodeği

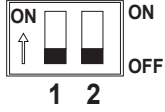
- Ses Girişi : G.711 PCM (Bit Hızı: 64kbps / Örnekleme Frekansı: 8kHz), G.726 ADPCM (Bit Hızı: 16Kbps, 24Kbps, 32Kbps, 40Kbps / Örnekleme Frekansı: 8kHz), AAC (Bit Hızı: 48Kbps / Örnekleme Frekansı: 16kHz)
- Ses Çıkışı : G.711 PCM (Bit Hızı: 64kbps / Örnekleme Frekansı: 8kHz)

### • Tam ÇiftYönlü Ses

- **Audio in** : Seçilebilir (mikrofon/Hat girişi), Desteklenen voltaj: 2.5VDC (4 mA), Giriş impedansı: 2K Ohm
- **Audio out** : Çıkış hattı (3.5mm mono jak), Maksimum çıkış: 1Vrms
- **Çıkış hattı öz direnci** : 600ohm

## DIP Anahtarı Ayan

İletişim Protokolü DIP Anahtarı Ayarları (SW1)



SW1 Pim No.	Amaç
1	Ayrılmış
2	Sonlandırma ayarı

### • Sonlandırma Ayarları

Kamera ve kumanda arasındaki iletişim sinyallerinin zayıflamasını önlemek için, hattın sonundaki öğeler sonlandırma ayarlarıyla yapılandırılmalıdır.

Kameranın Giriş Konumu	SW1-#2
En Uzun Yolu Sonlandırılması	ON
Yol Üzerinde	OFF

- Varsayılan değer her ayar tablosunda gölgeli olarak gösterilir.
- Bu ürünle birlikte bir üçüncü taraf üretimi kumanda kullanmak için, lütfen Satış Sonrası Servisimize veya Teknoloji Departmanımıza başvurun.

## Kamera Kabloları

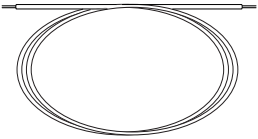
### Kontrol Sinyali Bağlantısı

- RS-485 İletişimleri



### İletişim Kablosu

Kameranın kumanda ile iletişim kurması için, RS-485 iletişim hattı gerekir.



- Bağlantı için 30m veya daha kısa bir uzunluk önerilir.
- İletişim kablosu kamerayla birlikte verilmez.

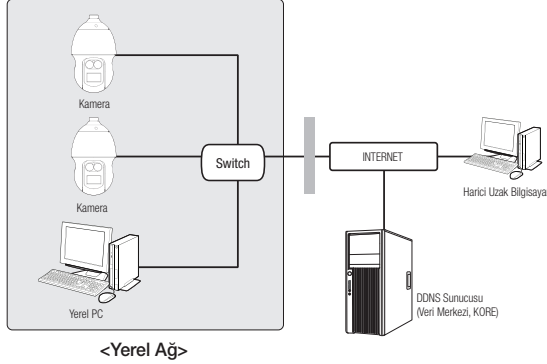
# ağ bağlantısı ve kurulumu

Ağ ayarlarınızı ağ yapılandırmanıza göre ayarlayabilirsiniz.

## KAMERAYI DOĞRUDAN YEREL ALAN AĞINA BAĞLAMAK

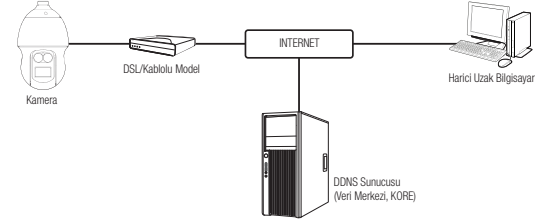
### Kameraya Lan Üzerinde Yerel Bir Pc'den Bağlanmak

1. Yerel Pc'de Bir İnternet Tarayıcı Çalıştırın.
2. Tarayıcının Adres Çubuğuna Kameranın İp Adresini Girin.



- Eğer Port Yönlendirme Doğru Ayarlanmamışsa Ya Da Bir Güvenlik Duvar Ayarlıysa, Lan Ağı Dışından Harici Bir Pc İnternet Üzerinden Kameraya Bağlanamayabilir. Bu Durumda, Sorunu Çözmek İçin, Ağ Yöneticisi İle Temas Kurun.
- Device Manager'da, IP Adresi, Alt Ağ Maskesi, Ağ Geçidi, HTTP Portu, VNP Portu, IP türü ayarlarını yapmak için ilk parola olan "4321"i kullanabilirsiniz. Ağ arabirimini değiştirdikten sonra, güvenliğin daha iyi olmasını sağlamak için web viewer'a erişip şifreyi değiştirin.
- IP adresi fabrika ayarlarına göre otomatik olarak DHCP sunucusundan atanır. Kullanılabilen DHCP sunucusu yoksa, IP adresi 192.168.1.100 olarak ayarlanır. IP adresini değiştirmek için Device Manager'ı kullanın. Device Manager'ın kullanımı hakkında daha fazla bilgi için, "Device Manager'ı Kullanma" kısmına bakın. (Sayfa 19)

## KAMERANIN DOĞRUDAN BİR DHCP TABANLI DSL/KABLOLU MODEME BAĞLANMASI



1. Kullanıcı bilgisayarı doğrudan ağ kamerasıyla bağlayın.
2. Device Manager'ı çalıştırın ve İnternet'e bağlanmak için masaüstünüzdeki web tarayıcısını kullanabilmek amacıyla kameranın IP adresini değiştirin.
3. İnternet tarayıcısını kullanarak web görüntüleyiciye bağlanın.
4. [Ayarlar] sayfasına gidin.
5. [Ağ] – [DDNS] sayfasına gidin ve DDNS ayarlarını yapılandırın.
6. [Basic] – [IP & Bağlantı Noktası] ögesine gidin ve IP türünü [DHCP] olarak ayarlayın.
7. Bilgisayarınızdan kaldırılan kamerayı doğrudan modeme bağlayın.
8. Kamerayı yeniden başlatın.

- DDNS ayarı hakkında bilgi almak için Web Viewer'ın çevrimiçi yardım bölümüne bakın.
- IP biçimi ayarlama hakkında bilgi için, Web Viewer'ın çevrimiçi yardım bölümüne bakın.

## DEVICE MANAGER'I KULLANMA



- Device Manager programı, Hanwha Vision web sitesindeki <Support> – <Online Tool> menüsünden indirilebilir (<https://www.hanwhavision.com>).
- Device Manager hakkında daha fazla talimatı, ana sayfanın <Yardım> menüsünde bulabilirsiniz.

## KAMERAYI OTOMATİK OLARAK ARAMA

Kamera, Device Manager'ın kurulu olduğu PC ile aynı ağa bağlıysa, arama fonksiyonunu kullanarak ağ kamerasını bulabilirsiniz.

- Device Manager'ın ana sayfasındaki <Ara> seçeneğine tıklayın.
- Listeden kamerayı kontrol edin.
  - Kameraya yapıştırılmış etiketteki MAC adresini kontrol edin.

## IP ADRESİNİ YAPILANDIRMA

Kamera ağ ayarını değiştirmek istiyorsanız, <Durum> kısmında <Oturum Açma Tamam> işareti gösteriliyor olmalıdır. Oturum açmak için ana sayfadaki <Kimlik Doğrulama> seçeneğine tıklayın.

### Statik IP'yi yapılandırma

IP adresi ve port bilgilerini manuel olarak ekleyin ve yapılandırın.

- Listeden IP ayarını değiştirmek istediğiniz kameraya tıklayın.
- Device Manager'ın ana sayfasındaki <IP Assign (IP Atama)> seçeneğine tıklayın.
- <Takip eden IP adresi ata> seçimini yapın.
  - Kameranın IP bilgileri önceden ayarlandığı gibi görüntülenecektir.
- IP ve Port ile ilgili kategorileri doldurun.

### Bir Geniş Bant yönlendirici kullanılmıyorsa

Ağ yöneticisinden <IP Adres>, <Altağ Maskesi>, <Ağ Geçidi> değerlerini ayarlamasını isteyin.

- HTTP Port : Kameraya İnternet tarayıcı kullanılarak erişmek için kullanılır; varsayılan değer 80'dir.
- VNP Port : Video sinyal aktarımını kontrol etmek için kullanılır, varsayılan değer 4520'dir.
- RTSP Port : Gerçek zamanlı akışı kontrol eden bir porttur. İlk değeri 554'tür.

### Bir Geniş Bant yönlendirici kullanılıyorsa

- IP Address : IP aralığında kalan ve Geniş Bant yönlendirici tarafından verilen bir adres girin.  
örn) 192.168.1.2~254, 192.168.0.2~254, 192.168.XXX.2~254
- Subnet Mask : Geniş Bant yönlendiricinin <Subnet Mask>'i, kameranın <Subnet Mask>'i olacaktır.
- Gateway : Geniş Bant yönlendiricinin <Local IP Address>'i, kameranın <Gateway>'i olacaktır.



- Ayarlar, bağlı Geniş Bant yönlendiricisinin modeline göre farklılık gösterebilir. Daha ayrıntılı bilgi için, geçerli yönlendiricinin kullanım kılavuzuna bakın.
- Geniş bant yönlendiricinin bağlantı noktası iletimi hakkında daha fazla bilgi için bkz. "Bağlantı Noktası Aralığı Aktarım (Bağlantı Noktası Eşleme) Ayarı". (sayfa 21)

### Geniş Bant yönlendiriciye bağlı birden fazla kamera varsa

IP ile ilgili ayarları ve Bağlantı Noktası ile ilgili ayarları birbirinden ayrı şekilde yapılandırın.  
örn)

	Kategori	Kamera No. 1	Kamera No. 2
IP ile ilgili ayarlar	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
Bağlantı noktası ile ilgili ayarlar	HTTP Port	8080	8081
	VNP Port	4520	4521
	RTSP Port	554	555



- <HTTP Port> 80 dışında bir değere ayarlanmışsa, kameraya erişebilmek için öncelikle İnternet tarayıcısının adres çubuğuna <Port> numarasını girmeniz gerekir.  
örn) http://IP adresi : HTTP bağlantı noktası  
http://192.168.1.100:8080

5. [Uygula] Düğmesine tıklayın.

6. Başarılı mesajı görüntülenirse, [Tamam] seçeneğine tıklayın.

## Dinamik IP'yi Yapılandırma

DHCP'den IP adresini alın

- Dinamik IP ortamı örneği
  - Kameraların bağlı olduğu bir Geniş Bant yönlendiricisine DHCP sunucusu tarafından bir IP adresi atanmışsa
  - Kamera, DHCP protokolleri kullanılarak doğrudan modeme bağlanıyorsa
  - IP'ler LAN aracılığıyla dahili DHCP sunucusu tarafından atanmışsa

1. Listedeki IP ayarını değiştirmek istediğiniz kameraya tıklayın.
2. Device Manager'ın ana sayfasındaki <IP Assign (IP Atama)> seçeneğine tıklayın.
3. <IP adresi otomatik olarak belirle (DHCP)> seçimini yapın.
4. [Uygula] düğmesine tıklayın.
5. Başarılı mesajı görüntülenirse, [Tamam] seçeneğine tıklayın.

## IP'YI OTOMATİK OLARAK YAPILANDIRMA

1. Listedeki IP'sini otomatik olarak yapılandırmak istediğiniz kameraya tıklayın.
2. Device Manager'ın ana sayfasındaki < + > seçeneğine tıklayın.
  - Ekipman Ayarı menüsü görünür.
3. Menüde <Auto IP Configure (Oto IP Yapılandır)> seçeneğine tıklayın.
4. [Kapa] düğmesine tıklayın.

## KAMERAYI MANUEL OLARAK KAYDETME

Kameranın arama fonksiyonu kullanılarak bulunamaması durumunda, kamera harici ağa bağlıysa, IP bilgileri manuel şekilde eklenerek kamera uzaktan kaydedilebilir.

1. Device Manager'ın ana sayfasındaki <Cihaz Ekle> – <Cihazı Manuel Ekle> seçeneğine tıklayın.
2. Aradığınız IP adresi aralığını ekleyin.
3. Kaydettiğiniz kameranın <Model adı> seçin ve HTTP portu, VNP portu, kimlik ve şifre bilgilerini ekleyin.
4. [Kayıt] düğmesine tıklayın.
5. Kameranın kayıtlı olup olmadığını kontrol edin.
  - Kameraya yapıştırılmış etiketteki MAC adresini kontrol edin.

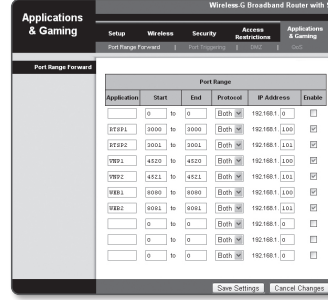


## BAĞLANTI NOKTASI ARALIĞI AKTARIM (BAĞLANTI NOKTASI EŞLEME) AYARI

Bir kameranın bağlı olduğu bir Geniş Bant yönlendiriciyi kurarken, uzak bir bilgisayarın yönlendiricideki kameraya erişebilmesi için, Geniş Bant yönlendiricide bağlantı noktası aralığı aktarımını ayarlamamız gerekir.

### Manuel Bağlantı Noktası Aralığı Aktarımı

1. Geniş Bant yönlendiricinin Ayarlar menüsünden, **<Applications & Gaming>** - **<Port Range Forward>** öğelerini seçin.  
Bir üçüncü şahıs Geniş Bant yönlendiricisi için bağlantı noktası aralığı aktarımını ayarlamak için, ilgili Geniş Bant yönlendiricinin kullanıcı kılavuzuna başvurun.
2. Geniş Bant yönlendiriciye bağlı her bir kamera için **<TCP>** ve **<UDP Port>** ayarlarını yapın.  
IP yönlendirici ile yapılandırılacak her bir bağlantı noktasının sayısı, kamera web görüntüleyicisinde **<Ayarlar>** - **<Basic>** - **<IP & Bağlantı Noktası>** bölümünde belirlenen port sayısına göre ayarlanmalıdır.
3. İşlem tamamlandığında **[Save Settings]** düğmesini tıklayın.  
Ayarlarınız kaydedilir.

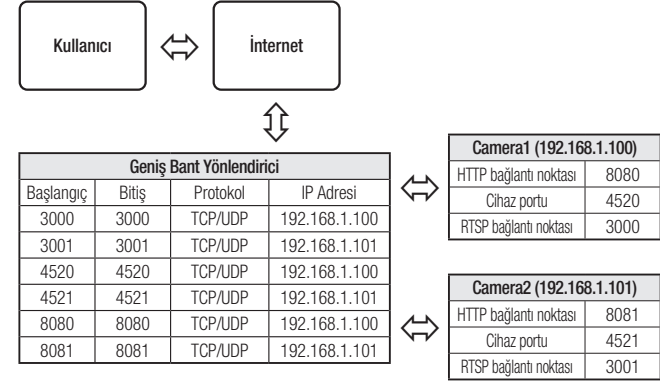


- Port yönlendirme ayarı, CISCO IP yönlendirici ayarına bir örnektir.
- Ayarlar, bağlı Geniş Bant yönlendiricisinin modeline göre farklılık gösterebilir.  
Daha ayrıntılı bilgi için, geçerli yönlendiricinin kullanım kılavuzuna bakın.

### Faklı Ağ Kameraları için Bağlantı Noktası Aralığı Aktarım Ayarı

- Geniş Bant yönlendirici cihazda, yapılandırma web sayfası ile Bağlantı Noktası İletme kuralı belirleyebilirsiniz.
- Kullanıcı kamera ayar ekranını kullanarak herhangi bir portu değiştirebilir.

Kamera 1 ve Kamera 2 bir yönlendiriciye bağlandığında :



- Yönlendiricinin UPnP (Evrensel Tak ve Çalıştır) özelliğini desteklemesi halinde, port yönlendirme ek yönlendirici kurulumu olmadan yapılabilir.  
Ağ kablosunu bağladıktan sonra, **"Ayarlar -> Ağ -> DDNS"** içinde **<DDNS>** altında **<Hızlı Bağlantı>** menüsündeki onay kutusunu işaretleyin.

### KAMERAYA PAYLAŞILAN BİR YEREL BILGISAYARDAN BAĞLANMA

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1. Device Manager'ı çalıştırın.  
Bağlı kameralar taranır ve kameraların bir listesi görüntülenir.
2. Bir kameraya erişmek için üzerine çift tıklatın.  
İnternet tarayıcı başlatılır ve kameraya bağlanır.



■ Kameraya, bulunan kameranın IP adresini İnternet tarayıcının adres çubuğuna yazarak da erişebilirsiniz.

### KAMERAYA İNTERNET ARACILIĞIYLA UZAK BİR BILGISAYARDAN BAĞLANMA

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Kullanıcılar, Geniş Bant Yönlendiricisinin ağ kümesinde bulunmayan bir uzak bilgisayarda, kameranın DDNS URL'sini kullanarak bir Geniş Bant Yönlendiricisi ağı içindeki kameralara erişebilirler.

1. Geniş Bant yönlendirici ağındaki bir kameraya erişebilmek için, öncelikle Geniş Bant yönlendirici için bağlantı noktası aralığı aktarımını ayarlamış olmanız gerekir.
2. Uzak bilgisayardan İnternet tarayıcıyı başlatın ve kameranın DDNS URL adresini veya Geniş Bant yönlendiricinin IP adresini adres çubuğuna yazın.  
örn) <http://ddns.hanwha-security.com/ID>

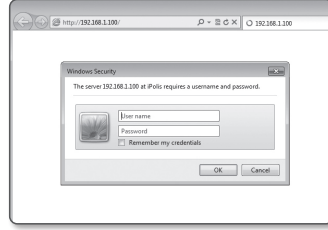


■ DDNS kullanmak için, DDNS ana sayfasında (<http://ddns.hanwha-security.com>) kaydolun ve ürünü **[DDNS Ayarlarını]**> **[Ürün Kaydı]** seçeneği altında kaydedin.

## KAMERAYA BAĞLAMA

## Normal koşullar altında aşağıdakileri yapmanız gerekir

1. İnternet tarayıcıyı başlatın.
2. Kameranın IP adresini adres çubuğuna yazın.  
örn) • IP adresi (IPv4) : 192.168.1.100 → http://192.168.1.100  
- Oturum Açma iletişim kutusu açılır.  
• IP adresi (IPv6) : 2001:230:abcd:ffff:0000:0000:ffff:1111  
→ http://[2001:230:abcd:ffff:0000:0000:ffff:1111] - Oturum Açma iletişim kutusu açılır.



## HTTP bağlantı noktası 80 dışında bir değer ise

1. İnternet tarayıcıyı başlatın.
2. Kameranın IP adresini ve HTTP bağlantı noktası numarasını adres çubuğuna yazın.  
örn) IP adresi: 192.168.1.100: HTTP bağlantı noktası numarası (8080)  
→ http://192.168.1.100:8080 - Oturum Açma iletişim kutusu açılır.

## URL adresinin kullanılması

1. İnternet tarayıcıyı başlatın.
2. Kameranın DDNS URL adresini adres çubuğuna yazın.  
örn) URL adresi : http://ddns.hanwha-security.com/ID  
- Oturum Açma iletişim kutusu açılır



■ Yalnızca LAN ortamında ağ bağlantısı devre dışı bırakılır.

## UPnP üzerinden bağlanma

1. UPnP protokolünü destekleyen istemciyi veya işletim sistemini çalıştırın.
2. Arama yapmak için kamera adına tıklayın.  
Windows işletim sisteminde, ağ menüsünden aranan kamera adına tıklayın.  
- Oturum açma penceresi görüntülenir.

## Bonjour üzerinden Bağlanma

1. Bonjour protokolünü destekleyen istemciyi veya işletim sistemini çalıştırın.
2. Arama yapmak için kamera adına tıklayın.  
Mac işletim sisteminde, Safari'nin Bonjour sekmesinden aranan kamera adına tıklayın.  
- Oturum açma penceresi görüntülenir.

## DDNS adresinin kontrol edilmesi

Kamera doğrudan DHCP tabanlı bir kablo modem veya DSL modemine bağlıysa, ISP'ye (abone olduğunuz internet sağlayıcı şirket) her bağlanma denemesinde IP adresi değişir. Böyle bir durumda DDNS tarafından değiştirilen IP adresi size bildirilmez.

DDNS sunucusuyla dinamik IP bazlı bir aygıt kaydettiğinizde aygıt erişmeye çalıştığınızda değişen IP'yi kolayca kontrol edebilirsiniz.

Cihazınızı <DDNS> sunucusuna kaydetmek için <http://ddns.hanwha-security.com> adresini ziyaret edin ve öncelikle cihazınızın kaydını yapın ve sonra Ağ Görüntüleyici'yi <Ağ> - <DDNS> <DDNS> olarak ayarlayın ve DDNS kaydı için kullanılan <Ürün Kimliği> girin.

## ŞİFRE AYARI

Ürüne ilk kez erişim sağladığınızda, oturum açma şifresini yaratmanız gerekir.

“Şifre değiştirme” penceresi görüntülediğinde, yeni şifreyi girin.



- 8 ile 9 haneli yeni bir şifrede, şunlardan en az üçünü kullanmanız gerekir: büyük/küçük harfler, sayılar ve özel karakterler. 10 ile 15 haneli bir şifrede, yukarıda belirtilen türlerden en az ikisini kullanmanız gerekir.

- İzin verilen özel karakterler: ~!@#\$%^&\*()\_-=+[]{}?/

- Daha üst seviyede güvenlik için şifrelerinizde aynı karakterlerin veya ardışık klavye girişlerinin tekrarlanmaması önerilir.
- Şifrenizi kaybettiyse, ürünü sıfırlamak için **[RESET]** düğmesine basabilirsiniz. Bir deftere not ederek ya da ezberleyerek şifrenizi kaybetmeyin.

Administrator password change

New password

Confirm new password

. If the password is 8 to 9 letters long, then it should be a combination of at least three types: upper/lower case alphabets, numbers and special characters.  
 . If the password is 10 to 15 letters long, then it should be a combination of at least two types: upper/lower case alphabets, numbers and special characters.  
 . User name should be different from password.  
 . The following special characters are available for use: ~!@#\$%^&\*()\_-=+[]{}?/  
 . Don't use 4 or more characters consecutive together. (examples: 1234, abcd)  
 . Don't use 4 or more characters repeated. (examples: IIII, 1111, aaaa)

## OTURUM AÇMA

Kameraya her erişiminiz sırasında oturum açma penceresi görünür. Kameraya erişmek için Kullanıcı Kimliği'ni ve şifrenizi girin.

1. <User name> giriş kutusuna “**admin**” yazın.

Yönetici kimliği olan “**admin**” sabittir ve değiştirilemez.

2. Şifreyi <Password> giriş alanına girin.

3. **[OK]** ögesine tıklayın.

Oturum Açma başarılı olduğunda, Live Viewer ekranı açılır.



- Kameranın web görüntüleyicisine eriştiğinizde, görüntü verilerinin şifrelenip şifrelenmediğini kontrol ederek güvenliğe çok dikkat edin.



- Giriş işleminiz tamamlandığında “**Remember my credentials**” seçeneğini işaretlediğinizde, bir sonraki girişinizde oturum açma bilgilerini girmenize gerek kalmadan, otomatik olarak oturum açabilirsiniz.
- Ekran boyutu %100 olduğunda en iyi video kalitesine sahip olursunuz. Oran düşürüldüğünde, görüntü kenarlardan kesilebilir.

Windows Security

The server 192.168.1.100 at iPolis requires a username and password.

User name

Password

☐ Remember my credentials

OK Cancel

## KAMERA WEB GÖRÜNTÜLEYİCİSİ KURULUMU

1. **[Kurulum (⚙️)]** simgesine tıklayın.
2. Ayarlar penceresi görüntülenir.
3. Kameranın temel bilgi, video, ses, ağ, olay, analiz ve sistem ayarlarını ağ üzerinden yapılandırabilirsiniz.
4. Her işlemin detaylı tanımına bakmak için <Yardım (🔍️)> düğmesine tıklayın.

## TEKNİK ÖZELLİKLER

Parçalar		Açıklama	
		XNP-6320RH	XNP-6250RH
Video	Görüntüleme Cihazı	1/2.8" 2MP CMOS	
	Etkin Piksel	1944(Y)X1212(D)	
	Min. Aydınlatma	Renkli: 0,05 lüks (F1.6, 1/30 san) S-B: 0 Lüks (IR LED açık)	
	Video Çıkışı	CVBS : 1,0 Vp-p / 75Ω kompozit, 720x480(N), 720x576(P), kurulum için	
Mercek	Odak Uzunluğu (Zoom Oranı)	4.44~142.6mm(32x) zoom	4.44~111mm(25x) zoom
	Maks. Diyafram Açıklığı Oranı	F1.6 (Geniş) ~ F4.4 (Tele)	F1.6 (Geniş) ~ F3.9 (Tele)
	Açısal Görüş Alanı	H : 61.8°(Geniş) ~ 2.19°(Tele) / V : 36.2°(Geniş) ~ 1.24°(Tele)	H : 61.8°(Geniş) ~ 2.84°(Tele) / V : 36.2°(Geniş) ~ 1.60°(Tele)
	Min. Nesne Mesafesi	Geniş: 1.5m(4.92ft), Tele: 2m(6.56ft)	
	Odak Kontrolü	Oneshot AF	
	Mercek Tipi	DC Otomatik İris	
Pan / Eğim / Döndürme	Pan Aralığı	360° Sınırsız	
	Pan Hızı	Ön Ayar : 400°/sec, Manuel : 0.024°/sec ~250°/sec	
	Eğim Aralığı	95°(-5° ~ 90°)	
	Eğim Hızı	Ön Ayar : 250°/sec, Manuel : 0.024°/sec ~250°/sec	
	Sekans	Önayar (300 adet), Döndürme, Grup (6 adet), İzleme, Tur, Otomatik Çalıştırma, Program	
	Ön Ayar Doğruluğu	±0.2°	
	Yön Açısı	Destek	
	Otomatik izleme	Destek	
	IR Görüntülenebilir Uzunluk	200m(656.17ft)	
Çalışma	Kamera Başlığı	En fazla 85 karakter görüntülenir	
	Gündüz ve Gec	Otomatik(ICR)	
	Arka Işık Telafisi	BLC, HLC, WDR, SDR	
	Geniş Dinamik Aralık	150dB	

Parçalar		Açıklama	
		XNP-6320RH	XNP-6250RH
Çalışma	Dijital Parazit Azaltma	SSNR V	
	Dijital Görüntü Sabitleme	Destek(yerleşik jiro sensör)	
	Bulanıklık giderme	Destek	
	Hareket Algılama	8 ea, 8 noktalı, çok sesli bölgeler	
	Mahremiyet Maskesi	32 ea, dikdörtgen şekil desteği - Renk: Gri/Yeşil/Kırmızı/Mavi/Siyah/Beyaz - Mozaik	
	Kazanç Kontrolü	Düşük / Orta / Yüksek	
	Beyaz Ayarı	ATW / AWC / MANUEL / İÇ MEKAN / DIŞ MEKAN	
	Elektronik Obtüratör Hızı	Minimum / Maksimum / Titreşim önleyici (2 ~ 1/12.000sn)	
	Video Döndürme	Ters Çevir, Ayna	
	Akıllı Video Analizi	Yön Bulma, Sis algılama, Yüz Algılama, Hareket Algılama, Görünme/Kaybolma, Giriş/Çıkış, Gezinti, Kurcalama, Sanal Çizgi, Ses Algılama, Ses Sınıflandırması, Şok algılama	
	Seri Arayüz	RS-485(Samsung-T, Pelco-D/P, Panasonic, Bosch, AD, GE, Vicon, Honeywell)	
	Alarm I/O	Giriş 4ea / Çıkış 2ea	
	Alarm Tetikleyiciler	Analiz, Ağ Bağlantısı Kesilmesi, Alarm Girişi	
	Alarm olayları	<ul style="list-style-type: none"> <li>FTP, E-posta yoluyla dosya yükleme</li> <li>E-Posta ile bilgilendirme</li> <li>Olay tetiklenmelerinde SD/SDHC/SDXC veya NAS kayıt</li> <li>Alarm çıkışı</li> <li>PTZ Önayarı</li> </ul>	
	Ses Girişi	Seçilebilir (mik girişi / hat girişi), Besleme gerilimi: 2,5 V DC (4mA), Giriş empedansı : yaklaşık 2K Ohm	
	Ses çıkışı	Hat çıkışı, Maks. çıkış Seviyesi: 1Vrms	

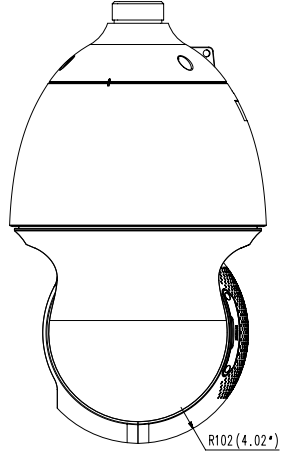
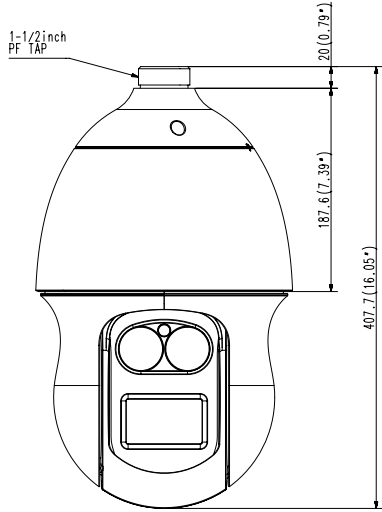
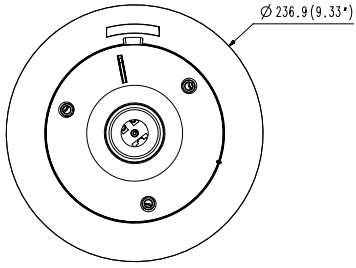
Parçalar	Açıklama	
	XNP-6320RH	XNP-6250RH
Ethernet	RJ-45 (10/100BASE-T), SFP(İsteğe bağlı)	
Video Sıkıştırma Biçimi	H.265/H.264, MJPEG	
Çözünürlük	1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240	
Maks. Kare Hızı	H.265/H.264: Maks. 60fps/50fps(60Hz/50Hz) MJPEG: Maks. 30fps/25fps(60Hz/50Hz)	
Akıllı Codec	Manuel mod (Alan Bazlı: 5 adet), WiseStreamII	
Video Kalite Ayanı	H.264/H.265 : Bit hızı seviye kontrolü MJPEG : Bit hızı seviye kontrolü	
Bit Hızı Kontrolü	H.264/H.265 : CBR veya VBR MJPEG : VBR	
Akış	Unicast (20 kullanıcı) / Multicast (128 kullanıcı) Çoklu Akış (En fazla 10 Profil)	
Ses Sıkıştırma	G.711 u-law /G.726 Seçilebilir G.726 (ADPCM) 8KHz, G.711 8KHz G.726 : 16Kb/sn, 24Kb/sn, 32Kb/sn, 40Kb/sn AAC-LC : 16KHz'de 48Kbps	
Protokol	IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP,RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour,LLDP, SRTP	
Güvenlik	HTTPS(SSL) Oturum Açma Kimlik Doğrulama Özet Oturum Açma Kimlik Doğrulama IP Adresi Filtreleme Kullanıcı Erişimi Günlüğü 802.1x kimlik doğrulama yöntemi (EAP-TLS, EAP-LEAP)	
Edge depolama	Mikro SD/SDHC/SDXC 2 yuva 512 GB	

Ağ

Parçalar	Açıklama	
	XNP-6320RH	XNP-6250RH
Ağ	Uygulama Programlama Arayüzü	ONVIF Profile S/G/T SUNAPI(HTTP API) Wisenet Açık Platform
	Web Sayfası Dili	İngilizce, Korece, Çince, Fransızca, İtalyanca, İspanyolca, Almanca, Japonca, Rusça, İsveççe, Portekizce, Çekçe, Lehçe, Türkçe, Felemenkçe, Macarca, Yunanca
	Web Görüntüleyici	Desteklenen İşletim Sistemi : Windows 7 / 8.1 / 10, MAC OS X 10.10, 10.11, 10.12 Önerilen tarayıcı: Google Chrome Tarayıcı Destekli : MS Explore11, MS Edge, Mozilla Firefox (sadece Windows 64bit), Apple Safari 10 (sadece Mac OS X)
	Bellek	1024 MB RAM, 256 MB Flash
Çevresel	Çalışma Sıcaklığı / Nem	AC24V : -50°C ~ +55°C (-58°F ~ +131°F) / %90'in altında bağıl nem HPoE : -40°C ~ +55°C (-40°F ~ +131°F) / %90'in altında bağıl nem * İlk çalıştırma -35°C'nin üzerinde gerçekleştirilmelidir
	Storage Temperature / Humidity	-50°C ~ +60°C (-58°F ~ +140°F) / %90'in altında bağıl nem
	Sertifikasyon	IP66, IK10
Elektrik	Giriş Voltajı / Akım	24VAC, HPoE(IEEE802.3bt, Sınıf7)
	Güç Tüketimi	24VAC: Maks. 83W (tipik : 30W) HPoE : Maks. 51W (tipik : 30W)
Mekanik	Renk / Malzeme	Gövde: Fildişi / Plastik, Siyah: Siyah / Plastik
	Ürün boyutları / ağırlık	Ø236,9x407,7mm(9.33x16.05"), 6.8kg(14.99 lb)
	Montaj askısı (Dom)	SBP-303HF(SFP)

## ÜRÜN GENEL BİLGİLERİ

Birim : mm [inç]



## SORUN GİDERME

SORUN	ÇÖZÜM
Safari tarayıcıda eklentisiz web görüntüleyiciye HTTPS aracılığıyla erişildiğinde hiçbir video görüntülenmez.	<ul style="list-style-type: none"> <li>• HTTPS'e ilk olarak erişildiğinde, görüntülenen kimlik doğrulama açılır penceresinde, "Kimlik Doğrulama Sertifikasını Görüntüle" seçeneğine ve "Belirlenen webviewer IP adresine bağlanırken daima güven" seçim kutusuna tıklayın.</li> <li>• Aşağıdaki mesaj penceresinde "İleri" seçeneğini seçtikten sonra web görüntüleyici halen video görüntülenemeye devam ederse, Safari tarayıcıdan çıkmak için komut tuşu + Q tuşuna basın, sayfaya yeniden erişin ve yukarıda belirtilen işlemleri uygulayın.</li> </ul>
Kameraya ağ tarayıcısından erişemiyorum.	<ul style="list-style-type: none"> <li>• Kameranın Ağ ayarlarının uygun olduğuna emin olmak için kontrol edin.</li> <li>• Bütün ağ kablolarının düzgün olarak bağlandığına emin olmak için kontrol edin.</li> <li>• Eğer DHCP ile bağlanılmışsa, kameranın problemsiz olarak dinamik IP adresi alabildiğini kontrol edin.</li> <li>• Eğer kamera bir Geniş Bant yönlendiriciye bağlıysa, port yönlendirmenin doğru yapılandırıldığını kontrol edin.</li> </ul>
İzleme sırasında izleyici bağlantısı kopuyor.	<ul style="list-style-type: none"> <li>• Bağlı izleyicilerin bağlantısı, kamerada ya da ağ yapılandırmasında yapılan değişikliklerle kopar.</li> <li>• Bütün ağ bağlantılarını kontrol ediniz.</li> </ul>
Ağa bağlı kamera, Device Manager programında algılanmaz.	<ul style="list-style-type: none"> <li>• PC'nizdeki güvenlik duvarını kapatın ve kamerayı tekrar aratın.</li> </ul>
Görüntüler üstüste biniyor.	<ul style="list-style-type: none"> <li>• İki ya da daha fazla kameranın farklı adresler yerine tek bir multicast adrese ayarlanıp ayarlanmadığını kontrol edin. Eğer birden çok kamera için tek bir adres kullanılmışsa, görüntüler üstüste binebilir.</li> </ul>
Görüntü belirmiyor.	<ul style="list-style-type: none"> <li>• Eğer iletim yöntemi multicast olarak ayarlanmışsa, kameranın bağlandığı LAN üzerinde multicast destekleyen yönlendirici olup olmadığını kontrol edin.</li> <li>• Objektif modülünün normal çalışıp çalışmadığını kontrol edin.</li> </ul>

SORUN	ÇÖZÜM
<Analiz> ögesinde <Hareket Algılama> seçeneği <Etkinleştirin> olarak ayarlandı ancak bir analiz olayı meydana geldiğinde bile bana e-posta bildirimi ulaşmıyor.	<ul style="list-style-type: none"> <li>• Ayarları şu sırayla doğrulayın: A. &lt;Tarih ve Saat&gt; ayarlarını kontrol edin. B. &lt;Hareket Algılama&gt; ögesi &lt;Etkinleştir&gt; seçeneğine ayarlanmalıdır. C. &lt;Olay Ayarı&gt; menüsünün &lt;E-posta&gt; seçeneğinin kullanım için işaretlenip işaretlenmediğini kontrol edin.</li> </ul>
Bir akıllı video analizi olayı üretildiğinde bile Alarm Çıkışı bağlantı noktasında sinyal bulunmaz.	<ul style="list-style-type: none"> <li>• Alarm çıkışı bağlantı noktası ayarlarını kontrol edin.</li> </ul>
Micro SD bellek kartına kayıt yapılmıyor.	<ul style="list-style-type: none"> <li>• Bellek kartının hasarlı olup olduğunu kontrol edin.</li> </ul>
Micro SD bellek kartı takılı ama kamera düzgün çalışmıyor.	<ul style="list-style-type: none"> <li>• Bellek kartının doğru yönde takılıp takılmadığını kontrol edin. Başka cihazlarda biçimlendirilen bir bellek kartı bu kamera biriminde çalışmayabilir</li> <li>• &lt;Ayarları&gt; → &lt;Olay&gt; → &lt;Depolama&gt; menüsünde bellek kartını tekrar biçimlendirin.</li> </ul>
NAS'a kaydedilemiyor.	<ul style="list-style-type: none"> <li>• NAS'a kaydedilen bilginin doğru olduğunu doğrulayın.</li> </ul>
NAS ayarının başarısız olduğu bildiriliyor.	<ul style="list-style-type: none"> <li>• NAS IP adresinin geçerli olduğunu doğrulayın.</li> <li>• NAS kimlik/şifre bilgilerinin geçerli olduğunu doğrulayın.</li> <li>• NAS kimliğini kullanarak temel klasör olarak atanan klasöre erişebildiğinizi doğrulayın.</li> <li>• NAS SMB/CIFS öğelerinin işaretli olmadığını doğrulayın.</li> <li>• NAS IP adresi ile kamera IP adresi biçiminin aynı olduğunu doğrulayın. Örn.) NAS ve kamera alt ağ maskesi varsayılan değeri 255.255.255.0'dır. IP adresi 192.168.20.32 olduğunda NAS IP adresinin 192.168.20.1~192.168.20.255 aralığında olması gerekir.</li> <li>• Kaydedilen veya kullanılan temel klasörü biçimlendirmeden başka bir kullanıcı olarak erişim sağlamaya çalışarak kontrol edin.</li> <li>• Önerilen NAS ekipmanını kullandığınızı doğrulayın.</li> </ul>



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

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

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Component Name	License	URL
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Jean-loup Gailly Mark Adler

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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).



Hanwha Vision üretimin tüm aşamalarında çevreye özen gösterir ve müşterilerine daha çevre dostu ürünler sağlayabilmek için gerekli tedbirleri alır.  
Eco işareti, Hanwha Vision in çevre dostu ürünler yaratma isteğini temsil eder ve ürünlerin AB RoHS Talimatlarını uygun olduğunu gösterir.



### Bu Ürünün Uygun Şekilde Atılması (Atık Elektrikli ve Elektronik Ekipman)

(Aynı toplama sistemlerine sahip Avrupa Birliği ülkeleri ve diğer Avrupa ülkelerinde geçerlidir)

Ürün, aksesuarlar veya literatürde yer alan bu işaret, ürünün ve elektronik aksesuarlarının (örn. şarj cihazı, kulaklık, USB kablosu), kullanım ömürlerinin sonunda diğer ev atıklarıyla birlikte atılması gerektiğini belirtir. Kontrolsüz atık atılması nedeniyle çevrenin veya insan sağlığının zarar görmesini önlemek için lütfen bu öğeleri diğer atık türlerinden ayırın ve malzeme kaynaklarının sürdürülebilir bir şekilde yeniden kullanılmasını sağlamak için uygun bir şekilde geri dönüşümünü sağlayın.

Ev kullanıcıları, çevreye zarar vermeden bu öğelerin nasıl ve nerede geri dönüşümünü sağlayabileceklerini öğrenmek için ürünü aldıkları perakendecilere veya yerel devlet dairelerine başvurmalarıdır. Ticari kullanıcılar tedarikçileriyle temas kurup satın alma sözleşmesinin koşullarını ve şartlarını kontrol etmelidir. Bu ürün ve elektronik aksesuarları atma işlemi için diğer ticari atıklarla karıştırılmamalıdır.



### Bu üründe bulunan pillerin doğru şekilde atılması

(Avrupa Birliği'nde ve aynı pil dönüşüm sistemlerine sahip diğer Avrupa ülkelerinde geçerlidir.)

Pil, kullanma kılavuzu veya ambalajın üzerinde yer alan bu işaret, bu üründe bulunan pillerin çalışma ömürlerini doldurdıklarında diğer evsel atıklarla birlikte atılmaması gerektiğini belirtmektedir. İşaretlenmiş olduklarında, Hg, Cd veya Pb kimyasal sembollerinin pilin 2006/66 EC Direktifinde belirtilen referans seviyelerinin üzerinde cıva, kadmiyum veya kurşun içerdiğini belirtir. Pillerin uygun şekilde atılmaması halinde, bu maddeler insan sağlığına veya çevreye zarar verebilir. Doğal kaynakları korumak ve malzemelerin yeniden kullanılmasını desteklemek için, lütfen pilleri diğer atık türlerinden ayırın ve yerel, ücretsiz pil dönüşüm sisteminin aracılığıyla geri dönüştürün.



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