

AĞ KAMERASI

Kullanım Kılavuzu

QNP-6230/QNP-6230H



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 aygıtı 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 ağa sahiptir. Topraklama tipi fiş iki ağa ve üç topraklama dişine sahiptir. Geniş ağız veya üçüncü diş güvenliğinizi için sağlanmıştır. 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 sehpa, kamera ayağı, üç ayaklı sehpa, dirsek veya masa kullanın. Tekerlekli taşıma sehpa 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 ürün "Sınıf 2" veya "LPS" işaretli ve 24 Vac(50 veya 60 Hz), min. 1.6 A veya PoE(42.5V ~ 57V), min 0.7 A dereceli bir Güç Kaynağıyla birlikte kullanılmak üzere tasarlanmıştır. (QNP-6230)
16. Bu ürün "Sınıf 2" veya "LPS" işaretli ve 24 Vac(50 veya 60 Hz), min. 2.9 A veya PoE(42.5V ~ 57V), min 0.9 A dereceli bir Güç Kaynağıyla birlikte kullanılmak üzere tasarlanmıştır. (QNP-6230H)
17. Kamerayı duvara dikey olarak monte etmeyin. Bu, eğme işlemi sırasında çıkmaya neden olur.
18. Ürünü kurarken aşırı güç kullanırsanız, kamera hasar görebilir ve arıza yapabilir. Uyumsuz aletler kullanarak ürünü zorla yüklerseniz, ürün hasar görebilir.
19. 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.



20. Ürünü kurarken, ürün yüzeyinin kimyasal madde ile lekelenmesine izin vermemeye dikkat edin. Temizleyici veya yapıştırıcı gibi bazı kimyasal solventler ürünün yüzeyine ciddi hasar verebilir.
21. Ürünü tavsiye edildiği şekilde kurmazsanız/kaldırmazsanız, üretim işlevleri/performans garantisi edilemez. Kullanıcı kılavuzundaki "Kurulum ve Bağlantı" bölümüne bakarak ürünü kurun.
22. Ürünü su içinde kurulması veya kullanılması ürüne ciddi zararlar verebilir.

UYARI

YANGIN VEYA ELEKTRİK ŞOKU RİSKİNİ 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

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

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 prizine bağlanmalıdır.

Pil

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

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

Pil, yanlış pil tipiyle değiştirilirse, patlama riski oluşur. Kullanılan pilleri talimatlara göre tasfiye edin.

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 ağlarına 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
- **Eklentisiz web görüntüleyicisi**
Desteklenen web tarayıcılar : Google Chrome 63, MS Edge 41, Mozilla Firefox 57 (Window 64bit only) , Apple Safari 11 (sadece Mac OS X)
- **Web Görüntüleyicisi Eklentisi**
Desteklenen web tarayıcılar : MS Explore 11, Apple Safari 11 (sadece Mac OS X)

TAVSİYE EDİLEN MICRO SD/SDHC/SDXC BELLEK KARTI ÖZELLİK

- Önerilen kapasite: 16 GB ila 256 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
QNAP NAS	Eşzamanlı olarak en fazla 16 kamera erişebilir.
Synology NAS	Eşzamanlı olarak en fazla 16 kamera erişebilir.



- NAS ekipmanını video kaydetmek dışında bir amaçla kullanıyorsanız, erişilebilir kamera sayısı düşürülebilir.

DAHİL OLANLAR (QNP-6230)

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

Görünüm	Öge Adı	Adet	Açıklama
	Kamera	1	
	Hızlı Kullanma Kılavuzu (İsteğe bağlı)	1	
	Garanti kartı (İsteğe bağlı)	1	
	Monitör test kablosu	1	Kameranın taşınabilir bir görüntü cihazına bağlantısını test etmek için kullanılır
	Montaj tabanı	1	İç mekana veya tavan yuvasına monte ediliyorsa
	Kılavuz Vida	4	Tavana montaj için kullanılır
	Şablon	1	Ürün montaj rehberi
	Yalıtım Kılıfı	1	Kamerayı yüksek oranda nem içeren bir yere monte ederken kullanın

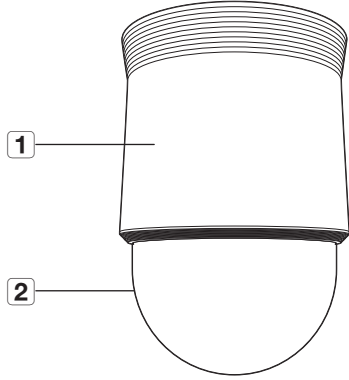
DAHİL OLANLAR (QNP-6230H)

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

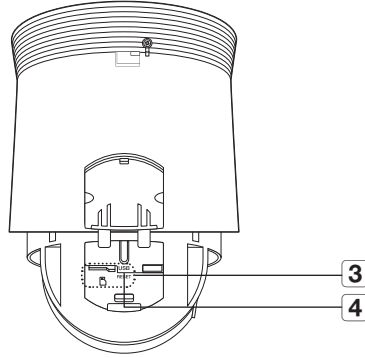
Görünüm	Öge Adı	Adet	Açıklama
	Kamera	1	
	Hızlı Kullanma Kılavuzu (İsteğe bağlı)	1	
	Garanti kartı (İsteğe bağlı)	1	
	Monitör test kablosu	1	Kameranın taşınabilir bir görüntü cihazına bağlantısını test etmek için kullanılır
	Altıgen anahtar	1	Montaj tabanını kameraya taktıktan sonra sabitlemek için kullanılır
	Altıgen vida	3	Montaj tabanını kameraya takmak için kullanılır
	Montaj tabanı	1	Açık havada montaj braketi
	Su geçirmezlik aksesuarı	1	Nemin yüksek olduğu yerlerde kurun ve kullanın.

İLK BAKIŞ (QNP-6230)

Görünüm

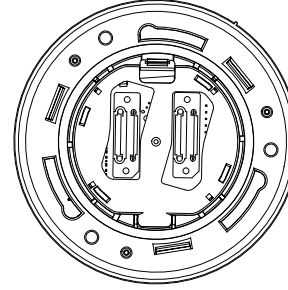


İç kısım

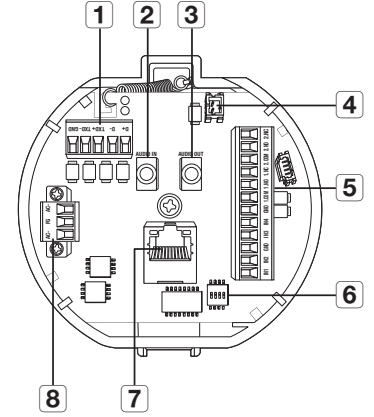


Madde	Açıklama
1 Ana ünite	Dahili PTZ mekanizmasını doğrudan güneş ışığından veya harici etkilere korur.
2 Kubbe Çerçevesi	Merceği ve üniteyi koruyan kubbe çerçevesi.
3 Micro SD Bellek Kartı Bölmesi	Micro SD bellek kartı için bölme.
4 Sıfırlama Düğmesi	Bu düğme yaklaşık 5 saniye basılı tutulduğunda tüm kamera ayarları fabrika varsayılan ayarlarına sıfırlanır.

Montaj Tabanının Alttan Görünümü



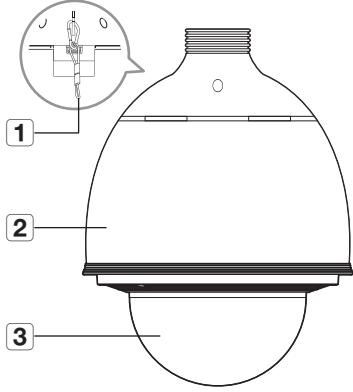
Montaj Tabanının İç Görünümü



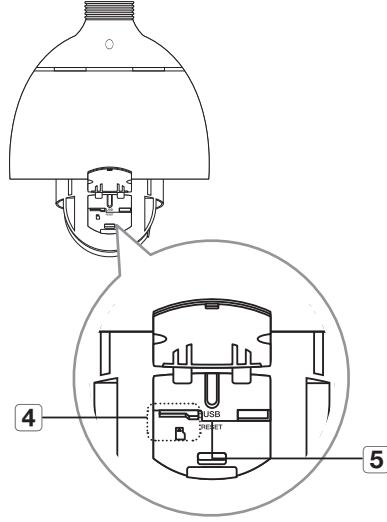
Madde	Açıklama
1 İletişim Portları	RS-485 iletişimleri için kullanılır.
2 Ses Girişi Bağlantı Noktası	Ses giriş kablosunu bağlamak için kullanılır.
3 Ses Çıkışı Bağlantı Noktası	Ses çıkış kablosunu bağlamak için kullanılır.
4 Video Çıkış Bağlantı Noktası	Analog video çıkışı bağlantı noktası. (kurulum için)
5 Alarm I/O Bağlantı Noktası	Alarm I/O kablosunu bağlamak için kullanılır.
6 İletişim Ayarı Düğmesi	İletişim protokolünü (RS-485) ayarlayın ve sonlandırılıp sonlandırılmayacağını belirtin.
7 Ağ Bağlantıları	Ethernet kablosu kullanarak ağ ile bağlantı portu.
8 Güç Bağlantı Noktası	Gücü bağlamak için kullanılır.

İLK BAKIŞ (QNP-6230H)

Görünüm

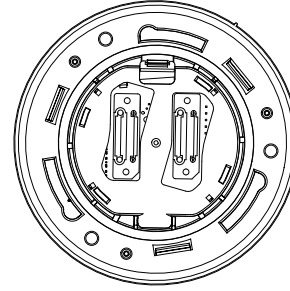


İç kısım

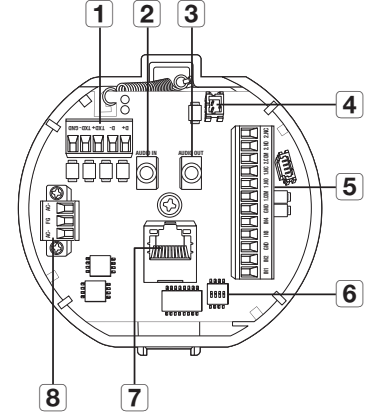


Madde	Açıklama
1 Güvenlik Kablosu	Kablo ürünün montaj sırasında düşmesini önler.
2 Muhafaza	Merceği ve üniteyi koruyan kubbe çerçevesi.
3 Ana ünite	Dahili PTZ mekanizmasını doğrudan gelen güneş ışığından, yağmurdan veya harici darbelerden korur.
4 Micro SD Bellek Kartı Bölmesi	Micro SD bellek kartı için bölme.
5 Sıfırlama Düğmesi	Bu düğme yaklaşık 5 saniye basılı tutulduğunda tüm kamera ayarları fabrika varsayılan ayarlarına sıfırlanır.

Montaj Tabanının Alttan Görünümü



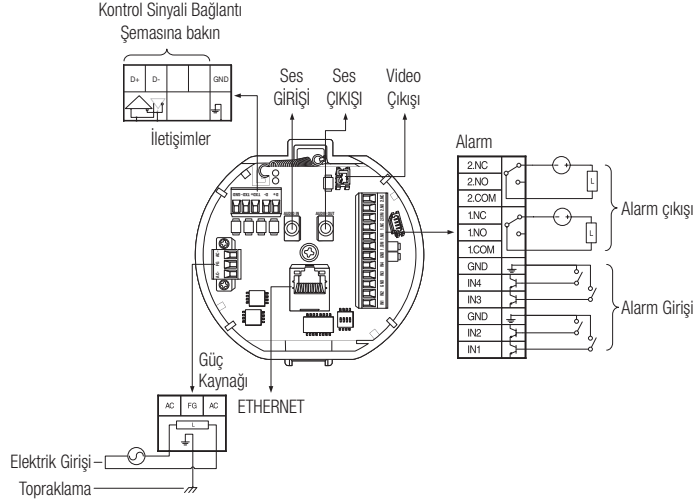
Montaj Tabanının İç Görünümü



Madde	Açıklama
1 İletişim Portları	RS-485 iletişimleri için kullanılır.
2 Ses Girişi Bağlantı Noktası	Ses giriş kablosunu bağlamak için kullanılır.
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4 Video Çıkış Bağlantı Noktası	Analog video çıkışı bağlantı noktası. (kurulum için)
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7 Ağ Bağlantıları	Ethernet kablosu kullanarak ağ ile bağlantı portu.
8 Güç Bağlantı Noktası	Güçü bağlamak için kullanılır.

■ Kamera Kablo Bağlantıları Arabirim Kartı

Kameranın kablo bağlantıları için lütfen aşağıdaki resme bakın.

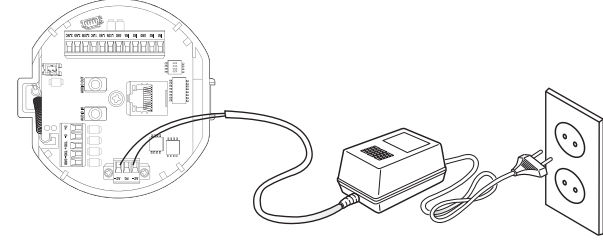


- Kurulum menüsünden Normal Aç ögesini seçin.
 - Sensör girişi kontak tipi için kısa bir süre etkinleştirilir veya aktif tip için "Düşük" seviyede ise etkinleştirilir.
- Kurulum menüsünden Normal Kapat seçeneğini belirleyin.
 - Kontak tipi için açıkken, sensör girişi etkinleştirilir veya aktif tip için yüksek iç direnç durumunda (açık kolektör) 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.
- Kameranın kapasitesinin üzerindeki ürünleri bağlamak için, lütfen ek bir röle cihazı kullanın.
- If power and GND cables are connected inappropriately to the NC/NO or COM port, a fire or breakdown of equipment may occur.

DiĞER CİHAZLARLA BAĞLANTI

Adaptör ve Kablonun Hazırlanması

- Kamerayı güç adaptörüne bağlayın. Sonra adaptörün güç kablосunu duvardaki prize takın.



Bağlantıları yapmadan önce nominal voltajı ve akımı kontrol edin.

Anma Gücü	İzin Verilen Giriş Voltajı
AC 24V	AC22V~26V
PoE+	42.5Vdc~57Vdc

- PoE+ ve AC 24 V güç kaynakları ile çalıştırıldığında cihaz ilk bağlanan güç kaynağından beslenir.
 - PoE+ ve AC 24 V güç kaynaklarından yalnızca birinin kullanılması önerilir.
- PoE+ gücü sağlayan bir anahtar cihazına bağlandığında AC 24 V güç kaynağını kullanmanıza gerek kalmaz.
- PoE cihazının PoE+ (IEEE 802.3af) özellikleri için yeterli olduğundan emin olun.
 - Cihazınız ağı anahtarına PoE (IEEE 802.3af) standardıyla bağlıysa, "PoE devreden çıkar" seçeneğini etkinleştirmek için ağı anahtarı ayar menüsüne gidin. Anahtar cihazı hakkında daha fazla bilgi için üretici kılavuzuna bakın.
 - PoE+ şartnamesine uygun bir kablo kullanılması tavsiye edilir.
- Güç için PoE+ kullanıyorsanız, başlatma süresi anahtar modeline (kanal için) veya üreticiye (PoE+ başlatma süresi dahil olduğundan) göre değişiklik gösterebilir.
- Istıcı PoE+ güç kaynağı ile çalışmaz. (QNP-6230H)

Bakır Telin Elektriksel Direnci [20°C (68°F)]

QNP-6230

Bakır Tel Ölçüsü (AWG)	#20	#19	#18	#17
Direnç (Ω/m)	0.0333	0.0264	0.021	0.0166
Tavsiye Edilen Mesafe (m)	20 m'den az	25 m'den az	30 m'den az	30 m'den az

QNP-6230H

Bakır Tel Ölçüsü (AWG)	#18	#17	#16	#15
Direnç (Ω/m)	0.021	0.0166	0.0132	0.0104
Tavsiye Edilen Mesafe (m)	15 m'den az	20 m'den az	25 m'den az	30 m'den az

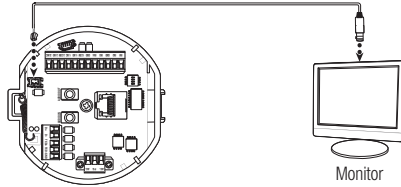
- Yukarıdaki tabloda gösterildiği gibi, kablo uzunluğuna bağlı olarak voltaj düşmesiyle karşılaşabilirsiniz. Kablo bağlantısı için aşırı uzun bir kablo kullanıyorsanız, kamera düzgün bir şekilde çalışmayabilir.
 - Kamera Çalışma Voltajı: AC 24V±%10
 - Yukarıdaki tabloda verilen voltaj düşmesi önlemleri, bakır kabloların türüne ve üretimine bağlı olarak farklılık gösterebilir.

Ethernet Bağlantısı

Ethernet kablosunu yerel ağa veya İnternete bağlayın.

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.

MONTAJ

Kamera Kelepçesinin Hazırlanması ve Montajı

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

■ Kullanılabilen Kelepçe Modelleri

Model	Öge	QNP-6230	QNP-6230H
SHP-3701H	Dış Mekan Yuvası	Var	-
SHP-3701F	Tavana Montaj Muhafazası		
SBP-301HM3	Asma Tipi Montaj		
SBP-300WM1	Duvara Montaj		Var
SBP-300WM			
SBP-300CM	Tavana Montaj		
SBP-300LM	Parmaklık Montajı		
SBP-300KM	Köşeye Montaj		
SBP-300PM	Direğe Montaj		



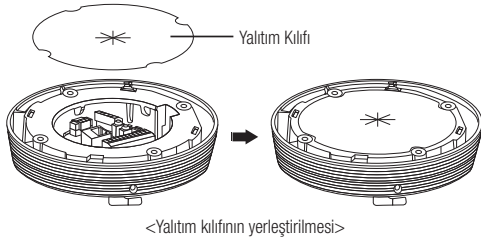
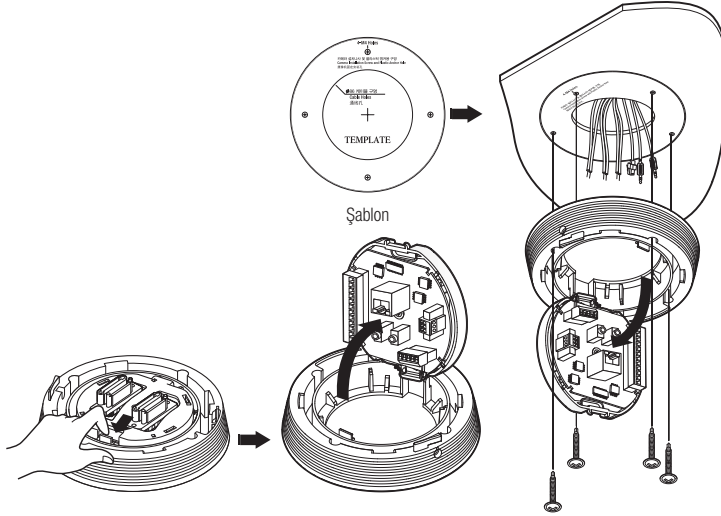
- Kelepçelerin (bağımsız) görünümü için "Kurulum için İsteğe Bağlı Aksesuarlar" bölümüne bakın. (sayfa 15)

Yüzeye takılarak montaj (QNP-6230)

■ QNP-6230H bir duvar veya tavanın yüzeyine monte edilemez.

■ Şablonun Takılması ve Montaj tabanının monte edilmesi

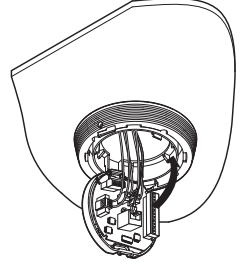
1. Ürünle birlikte verilen şablonu tavana takın. Şablonu temel alarak tavanda 86 mm'lik bir delik açın ve kabloların deliğinden geçirin.
 2. Montaj tabanını gösterildiği gibi monte edin.
 3. Açıkta kalan kelepçeyi monte etmeden önce, kelepçenin altındaki açılır kapanır kapağı resimde gösterildiği gibi açın. Açmak için açılır kapanır kapağın üzerindeki düğmeyi tutun.
- ! ■ Kameranın yüksek oranda nem bulunan bir yere monte edilmesi halinde, montaj tabanının arkasındaki yalıtım kılıfını ekledikten sonra tavana monte edin.



■ Terminal Kablolarını Bağlayın

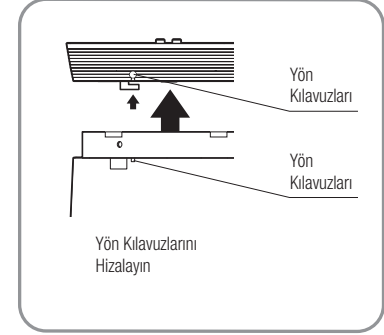
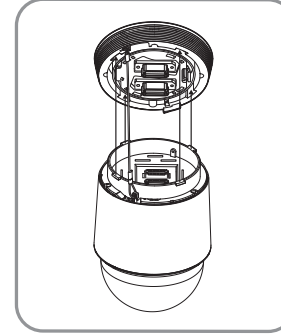
1. Kabloların açılır kapanır kapaktaki terminal bloğuna bağlayın. Bkz. "Kamera Kablo Bağlantıları Arabirim Kartı". (sayfa 10)
2. Kablo bağlantısı tamamlandığında açılır kapanır kapağı kapatın.

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



■ Kamera Güvenlik Kablosunun Bağlanması ve Kameranın Takılması

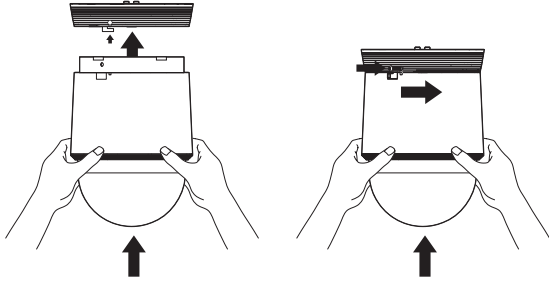
1. Soldaki resimde gösterildiği gibi, güvenlik kablosunu tabandan çekerek çıkarın ve montaja asın. Güvenlik kablosu tabanın içinde sarıdır.
- Kamerayı kaideye takmak için, resimde gösterilen hizalama kılavuz işaretlerine bakın.
2. Kamerayı, resimde gösterildiği gibi hizalama kılavuz işaretlerini izleyerek kaideye dikkatlice takın.



! ■ Devam etmeden önce, kameranın güvenlik kablosunu kaideye taktığınızdan emin olun. Aksi takdirde, kameranın düşmesinden kaynaklanan ciddi yaralanmalara maruz kalabilirsiniz.

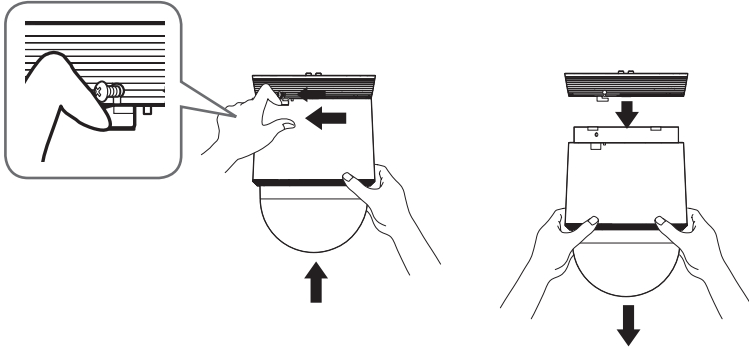
▪ Kamerayı takmak veya çıkarmak için resme bakın.

- Kameranın Takılması : Fotoğraf makinesi ünitesini yukarı doğru itirin ve daha fazla döndürülemeyeceği şekilde saat yönünde şekilde gösterildiği gibi döndürün. Döndürdükten sonra montaj tabanına monte edilmiş vidaları sıkın.



< Kameranın Takılması >

- Kameranın Çıkarılması : Vidaları şekilde gösterildiği gibi gevşetin, kancayı itin ve saat yönünün tersine çevirin. (Vidalar tam olarak sökülmez.) Kanca artık dönmez hale geldiğinde, fotoğraf makinesi ünitesini aşağı itin ve ayırın.

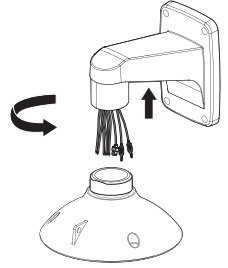


< Kameranın Çıkarılması >

Duvara montaj (QNP-6230H)

▪ Montaj tabanını kelepçeyle sabitleyin

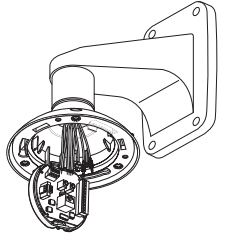
1. Tabanı saat yönünde çevirerek kelepçeyle sabitleyin.



2. Aşağıdaki resimde gösterildiği gibi montaj tabanının altındaki açılır kapanır kapağın tutacağına hafifçe bastırıp kaldırın. Lütfen sayfa 10'teki "**Kamera Kablo Bağlantıları Arabirim Kartı**" bölümüne bakın, kabloları bağlayın.



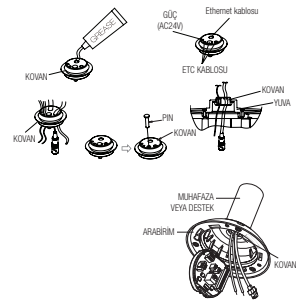
- Montaj tamamlanana kadar kamerayı prize takmayın. Montaj devam ederken cihaza güç verilmesi yangına veya ürünün zarar görmesine neden olabilir.



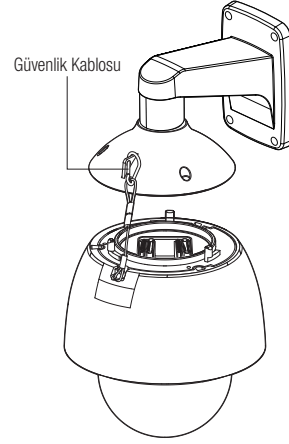
Kablo bağlantı yöntemini kontrol edin ve kurun.

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

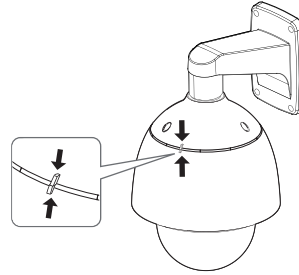
- Montaj öncesinde **KOVANA** uygun miktarda gres sürün ve kabloları kovanların her bir deliğinden geçirin. Kablo geçmeyen boş delikleri kapatmak için **PİMLERİ** kullanın.
- **KOVANI, YUVANIN** iç tarafının üst kısmına, aşağıdaki şekilde gösterilen şekilde monte edin. **KOVANI YUVAYA** sabitlemek için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



3. Kamera güvenlik kablosunu montaj tabanına bağlayın.

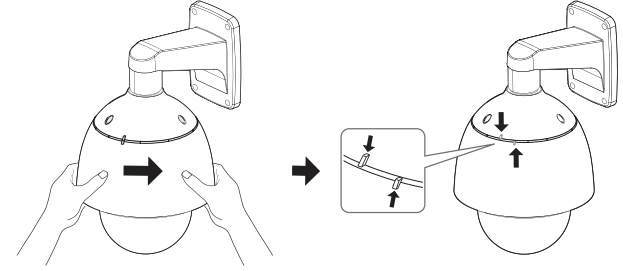


4. Kameranın ve Montaj Tabanının Birleştirilmesi
Montaj tabanını ve kamerayı, montaj yönü kılavuzlarını eşleştirerek birleştirin.



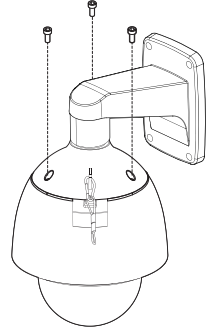
5. Kameranın Takılması

Üst ve alt referans göstergeleri sağdaki resimde gösterildiği gibi olana kadar, monte edilen fotoğraf makinesi birimini saat yönünde döndürün.



6. Kamera ve Montaj Tabanını Sabitleyin

Aşağıdaki resimde gösterildiği gibi, montaj kadesi ve kamerayı altıgen vidayla sabitleyin.

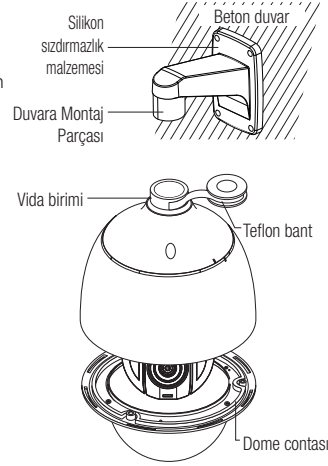


Su Yalıtımı Notları

■ Dış mekan muhafazası ve duvara montaj parçasını birleştirerek üniteyi duvara monte etme

1. Duvar montajını düz duvara yapın. Eğimli bir duvara montaj yapılırsa, nem dış mekan muhafazasından harici kablo ile içeri sızabilir.
2. Montaj için, muhafazanın vidalı bölümünü yeterli miktarda teflon bantla sarın.
3. Dome kapağını ayırırken ve onu muhafaza çerçevesine sabitlerken, contanın dome kapağından ayrılacak kadar gevşetmediğinden emin olun.
4. Su yalıtımı için duvara montaj adaptörünü monte edin ve sızdırmazlık için duvar ve duvara montajı arasına ve etrafına silikon sızdırmazlık malzemesi uygulayın.

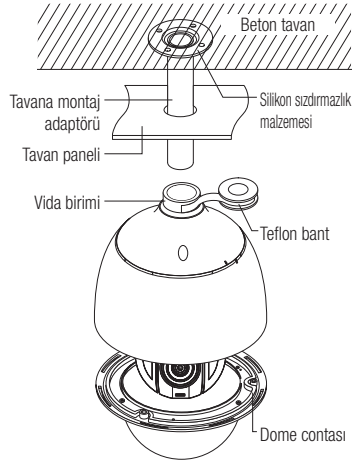
! ■ Monte edilen taraf düz değilse, uygun sızdırmazlık olduğundan emin olmak için gerekli önlemleri alın.



■ Dış mekan muhafazası ve tavana montaj adaptörüyle duvara montaj

1. Montaj için, muhafazanın vidalı bölümünü yeterli miktarda teflon bantla sarın.
2. Dome kapağını ayırırken ve onu muhafaza çerçevesine sabitlerken, contanın dome kapağından ayrılacak kadar gevşetmediğinden 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.

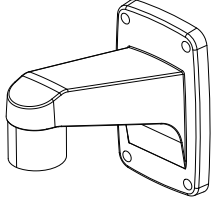
! ■ Monte edilen taraf düz değilse, uygun sızdırmazlık olduğundan emin olmak için gerekli önlemleri alın.



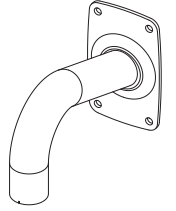
Kurulum için İsteğe Bağlı Aksesuarlar

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

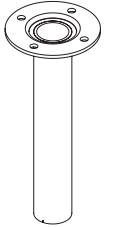
1. Kamera duvara monte ediliyorsa
 - Duvara Montaj (SBP-300WM1)



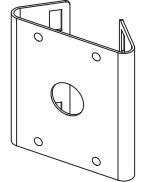
- Duvara Montaj (SBP-300WM)



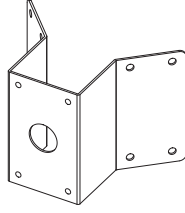
2. Kamera tavana monte ediliyorsa
 - Tavana Montaj (SBP-300CM)



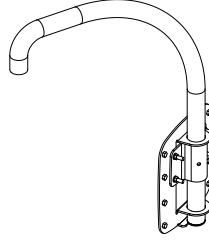
3. Duvara montaj (SBP-300WM/SBP-300WM1) en az 80 mm uzunluğunda bir silindire yapılıyorsa
 - Direğe Montaj (SBP-300PM)



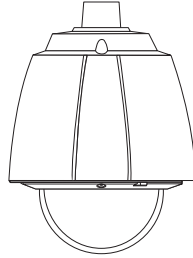
4. Duvara montaj (SBP-300WM/SBP-300WM1) bir duvarın köşesine yapılıyorsa
- Köşeye Montaj (SBP-300KM)



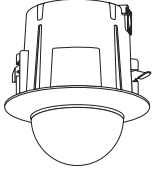
5. Bir binanın çatısına monte ediliyorsa
- Parmaklık Montajı (SBP-300LM)



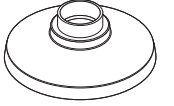
6. QNP-6230 dış mekanda monte ediliyorsa
- Dış Mekan Yuvası (SHP-3701H)



7. QNP-6230, dahili component olarak tavana monte ediliyorsa
- PTZ Dome Kamera (SHP-3701F) için Sıra Altı Montaj İç Mekan Yuvası



8. QNP-6230, duvara veya tavana monte ediliyorsa
- Asma Tipi Montaj (SBP-301HM3)

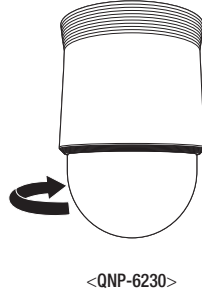


MİCRO SD HAFIZA KARTINI TAKMAK/ÇIKARTMAK

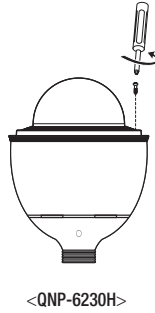
- ! Micro SD bellek kartını takmadan önce güç kablosunu kameradan çıkartın.
- Micro SD bellek kartını ters tutarak ve zorlayarak takmayın. Aksi takdirde Micro SD bellek kartı zarar görebilir.
- Micro SD kartın yağmur yağarken ya da nem yüksek olduğunda takılması veya çıkarılması önerilmez.
- Ürün kapağını sökme işleminin 5 dakika içinde tamamlanması gerekir; aksi takdirde çiy yoğunlaşma riski bulunmaktadır.

Micro SD Hafıza Kartını Takmak

1. Kameranin arkasındaki kapağı açın.
(QNP-6230)

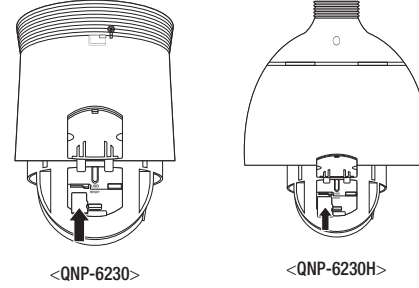


Tornavida ile vidayı saat yönünün tersine döndürerek gevşetin ve dom kapağını ayırın. (QNP-6230H)



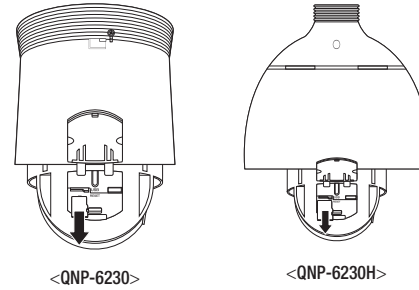
2. Micro SD bellek kartını şekilde gösterildiği gibi ok yönünde itin.

- ! Micro SD bellek kartını ters tutarak ve zorlayarak takmayın. Aksi takdirde Micro SD bellek kartı zarar görebilir.



Micro SD Hafıza Kartını Çıkartmak

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



- ! Çok sert basılması, bırakıldığı zaman kart yuvasından kontrolsüz olarak fırlamasına yol açabilir.
- Micro SD hafıza kartını çıkarmadan önce, kamerayı kapatın veya cihazı <Depolama> bölümünde <Kapalı> durumuna getirin ve [Uygula] düğmesine basın.
- Fotoğraf makinesini kapatırsanız veya üründen veriler içeren Micro SD bellek kartını çıkarırsanız, veriler kaybolabilir veya hasar görebilir.

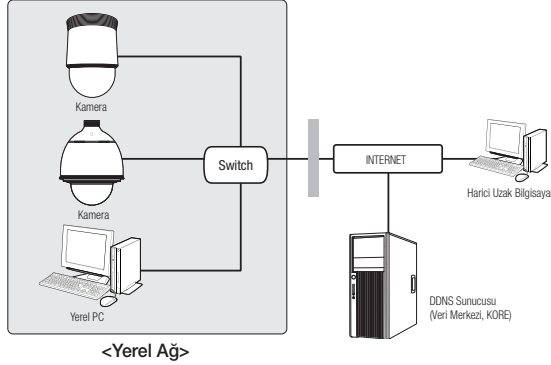
ağ bağlantısı ve kurulumu

Ağ ayarlarınızı ağ yapılandırmanıza göre ayarlayabilirsiniz.

KAMERAYI DOĞRUDAN YEREL ALAN AĞINA BAĞLAMAK

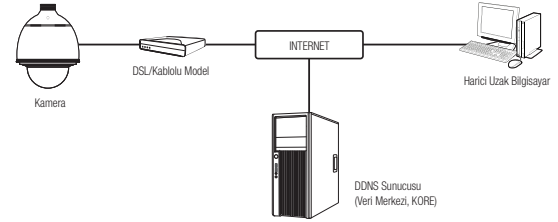
Kameraya Lan Üzerinde Yerel Bir Pc'den Bağlanmak

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 Kamera'ya 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 20)

KAMERANIN DOĞRUDAN BİR DHCP TABANLI DSL/KABLOLU MODEME BAĞLANMASI

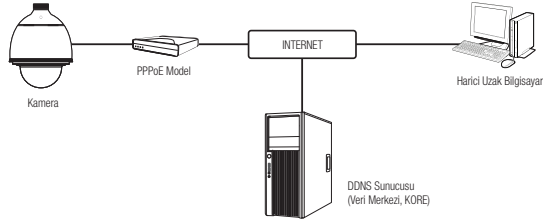


1. Kullanıcı bilgisayarını doğrudan ağ kamerasıyla bağlayın.
2. Device Manager'ı çalıştırın ve İnternet'e bağlanmak için masaüstünüzdeki web tarayıcısını kullanabilmek amacıyla kameranın IP adresini değiştirin.
3. İnternet tarayıcısını kullanarak web görüntüleyiciye bağlanın.
4. [Ayarlar] sayfasına gidin.
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.

KAMERANIN DOĞRUDAN PPPoE MODEME BAĞLANMASI

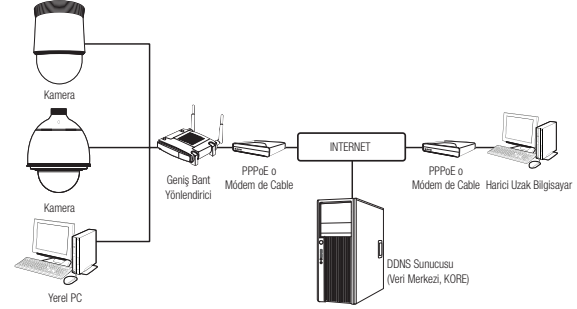


1. Kullanıcı bilgisayarını doğrudan ağ kamerasıyla bağlayın.
2. Device Manager'ı çalıştırın ve İnternet'e bağlanmak için masaüstünüzdeki web tarayıcısını kullanabilmek amacıyla kameranın IP adresini değiştirin.
3. İnternet tarayıcısını kullanarak web görüntüleyiciye bağlanın.
4. **[Ayarlar]** sayfasına gidin.
5. **[Ağ] – [DDNS]** sayfasına gidin ve DDNS ayarlarını yapılandırın.
6. **[Basic] – [IP & Bağlantı Noktası]** Ayar Sayfasına gidin, IP türünü **[PPPoE]** olarak ayarlayın ve ağ hizmeti kimliğini ve şifresini girin.
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.

KAMERANIN BİR GENİŞ BANT YÖNLENDİRİCİYE PPPoE/KABLO MODEMLE BAĞLANMASI

Evler, SOHO ve ufak dükkanlar gibi küçük ağ ortamları içindir.



Bir Geniş Bant yönlendiriciye bağlı yerel bilgisayarın ağ ayarlarının yapılandırılması

Bir Geniş Bant yönlendiriciye bağlı yerel PC'nin ağ ayarlarının yapılandırılması için aşağıdaki talimatları takip edin.

- Seçin : **<Network> → <Properties> → <Local Area Connection> → <General> → <Properties> → <Internet Protocol (TCP/IP)> → <Properties> → <Obtain an IP address automatically>** ya da **<Use the following IP address>**.
- Eğer **<Use the following IP address>** seçtiyseniz aşağıdaki talimatları takip edin:
 - örn1) Eğer Geniş Bant yönlendiricinin adresi (LAN IP) 192.168.1.1 ise
 IP address : 192.168.1.100
 Alt Ağ Maskesi : 255.255.255.0
 Varsayılan Ağ Geçidi : 192.168.1.1
 - örn2) Eğer Geniş Bant yönlendiricinin adresi (LAN IP) 192.168.0.1 ise
 IP address : 192.168.0.100
 Alt Ağ Maskesi : 255.255.255.0
 Varsayılan Ağ Geçidi : 192.168.0.1
 - örn3) Eğer Geniş Bant yönlendiricinin adresi (LAN IP) 192.168.xxx.1 ise
 IP address : 192.168.xxx.100
 Alt Ağ Maskesi : 255.255.255.0
 Varsayılan Ağ Geçidi : 192.168.xxx.1
- Geniş Bant yönlendiricinin adresi için ürün belgelerine bakınız.
- Geniş bant yönlendiricinin bağlantı noktası iletimi hakkında daha fazla bilgi için bkz. "**Bağlantı Noktası Aralığı Aktarım (Bağlantı Noktası Eşleme) Ayarı**". (sayfa 22)

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>, <Alt Ağ 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 adresdir.
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 22)

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.

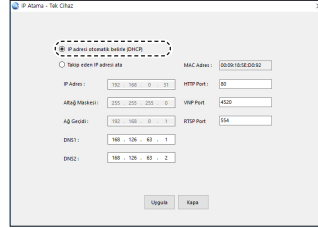
6. Başarılı mesajı görüntülenirse, [Tamam] seçeneğine tıklayın.

Dinamik IP'yi Yapılandırma

DHCP'den IP adresini alın

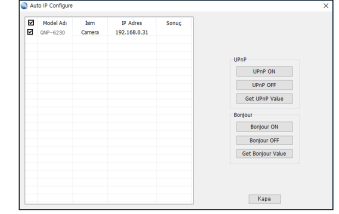
- Dinamik IP ortamı örneği
 - Kameraların bağlı olduğu bir Geniş Bant yönlendiricisine DHCP sunucusu tarafından bir IP adresi atanmışsa
 - Kamera, DHCP protokolleri kullanılarak doğrudan modeme bağlanıyorsa
 - IP'ler LAN aracılığıyla dahili DHCP sunucusu tarafından atanmışsa

1. Listeden 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

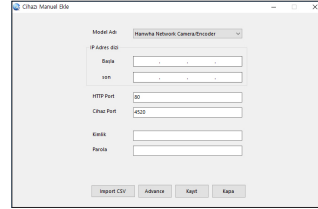
1. Listeden IP'sini otomatik olarak yapılandırmak istediğiniz kameraya tıklayın.
2. Device Manager'ın ana sayfasındaki < + > seçeneğine tıklayın.
 - Ekipman Ayarı menüsü görünür.
3. Menüde <Auto IP Configure (Oto IP Yapılandır)> seçeneğine tıklayın.
4. [Kapa] düğmesine tıklayın.



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 etiketdeki MAC adresini kontrol edin.

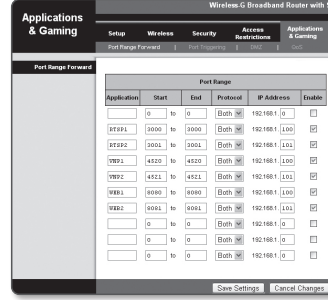


BAĞLANTI NOKTASI ARALIĞI AKTARIM (BAĞLANTI NOKTASI EŞLEME) AYARI

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.

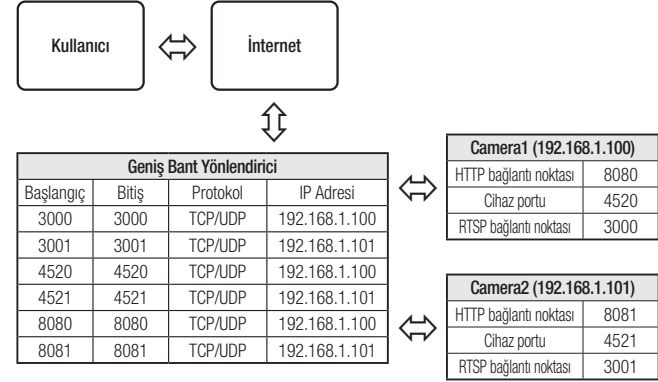


- Port yönlendirme ayarı, CISCO IP yönlendirici ayarına bir örnektir.
- Ayarlar, bağlı Geniş Bant yönlendiricisinin modeline göre farklılık gösterebilir.
Daha ayrıntılı bilgi için, geçerli yönlendiricinin kullanım kılavuzuna bakın.

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

1. Device Manager'ı çalıştırın.
Bağlı kameralar taranır ve kameraların bir listesi görüntülenir.
2. Bir kameraya erişmek için üzerine çift tıklanır.
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

Kullanıcılar, Geniş Bant Yönlendiricisinin ağı 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>

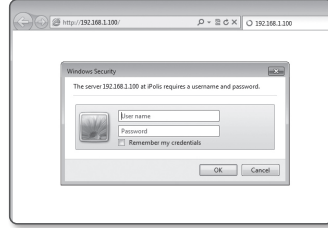


■ DDNS kullanmak için, DDNS ana sayfasında (<http://ddns.hanwha-security.com>) kaydolun ve ürünü **[DDNS Ayarlarını]** > **[Ürün Kaydı]** seçeneği altında kaydedin.

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 kablolu modeme, DSL modeme veya PPPoE modeme bağlıysa, her ISP (İnternet Hizmet Sağlayıcısı) sunucusuna bağlanmaya çalıştığınızda ağınızın IP adresi değişecektir. 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 alphabetic, 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 alphabetic, 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: 111, 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 bilgilerinizi girmenize gerek kalmadan, otomatik olarak oturum açabilirsiniz.
- Ekran boyutu %100 olduğunda en iyi video kalitesine sahip olursunuz. Oran düşürüldüğünde, görüntü kenarlarından kesilebilir.

Windows Security

The server 192.168.1.100 at iPolis requires a username and password.

User name

Password

☐ Remember my credentials

OK Cancel

HER BİR TARAYICI İÇİN EKLENTİ DESTEĞİ ÖZELLİKLERİ

Mevcut web görüntüleyicisi eklentisi ve yeni eklentisiz web görüntüleyicisi birlikte tümeşiktir.

Bu, web görüntüleyicisi, eklentileri desteklemeyen Chrome, EDGE ve FireFox (yalnızca Windows 64-bit) gibi daha yeni tarayıcı ortamlarında kullanmanıza olanak tanır. IE ve Safari gibi eklenti yüklemeye izin veren tarayıcılar için eklentinin kurulması önerilir.

Tarayıcı ortamına göre, aşağıdaki farklar gözlemlenebilir.

- **Chrome, Mozilla Firefox (sadece Windows 64-bit), EDGE tarayıcı :** Bu tarayıcıların eklenti desteği olmamasına rağmen, bir web görüntüleyicisini eklentisiz ve tümeşik olarak kullanabilirsiniz.
- **Eklentisiz webviewer, eklenti webviewer'a oranla daha düşük performansa sahip olduğu için, yüksek kaliteli profillerin izlenmesi ve kaydedilen videoların oynatılması konularında limitler vardır.**
Yüksek kaliteli profillerin izlenmesi ve kaydedilen videoların oynatılması için eklenti webviewer veya SmartViewer kullanın.
 - Eklentisiz Web Viewer oluşturma koşulları: Seçilen profil MJPEG Tam HD 10fps H.265 Tam HD 10fps 2Mbps veya üstü özellikleri alıyor
 - Eklentisiz özelliği Chrome tarayıcısı için optimize edilmiştir.
 - Adaptive Streaming'i Destekler
 - Bu özellik, 5 saniyeden uzun bir gecikme olması durumunda profili otomatik olarak düşürür. Önerilenlerden daha düşük donanım özelliklerine sahip bir sistemde video oynatılırken gecikmede artış ve tarayıcıdan yanıt gelmemesi gibi sorunları önlemek için geliştirilmiştir.
- **IE, Safari tarayıcı :** Mevcut web görüntüleyicisi eklentisini yüklemeyen bile bir web görüntüleyicisi kullanabilirsiniz.
- **Kaydedilen videoları sorunsuz olarak izlemek/oynatmak için bir eklenti kurmanız gerekir.**

WebView EKLENTİSİNİN KURULUMU

Eklenti web görüntüleyiciye erişmek ve canlı video (H.264/H.265) veya kaydedilmiş bir videoyu oynatmak için, bir kurulum mesajı görüntülenir. Bu anda işlevi düzgün bir şekilde kullanabilmeniz için web görüntüleyici eklentisini kurmanız gerekir.

1. İzleme sayfasına ilk erişimde, kurulum sayfası görüntülenir. Kurulumla başlamak için **[Download plugin]** düğmesine tıklayın.

! ■ Eklenti kurulum dosyası indirme durumu Internet Explorer dosyasında %99'da durdurulduysa "Araçlar → SmartScreen filtresi" bölümünde "SmartScreen filtresini kapat" seçimini belirledikten sonra yeniden deneyin.

2. Mesaj penceresinde **[Run]** düğmesine tıklayın.
3. Tüm tarayıcı pencerelerinin kapatılacağını belirtilen uyarı penceresi görüntülendiğinde **[Yes]** düğmesine tıklayın.

✎ ■ Önceden kurulmuş bir Web Görüntüleyici Eklentisi yoksa, adım 4 ve 5 atlanır.

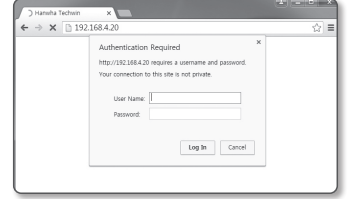
4. Web Görüntüleyici Eklentisinin eski sürümü kuruluysa, eski sürümün silindiğini gösteren bir uyarı penceresi görüntülenir. Uyarı penceresi görüntülendiğinde **[Yes]** düğmesine tıklayın.
5. **[OK]** düğmesine tıklayın. Web Görüntüleyici Eklentisinin eski sürümü silinir.
6. Web Görüntüleyici Eklentisinin kurulumuna başlamak için **[Install]** düğmesine tıklayın.
7. **[Finish]** düğmesine tıklayın. Web Görüntüleyici Eklentisinin kurulumu tamamlanmıştır.

! ■ Internet Explorer'ınızda, webviewer eklentisini kurduktan sonra kurulum ekranına gitmek istiyorsanız, "Araç → Ek İşlev Yönetimi" menüsünde webviewer_activeplugin_lib.control öğesinin "Etkin" olup olmadığını kontrol edin. Etkin değilse ve devam eden bir sorun varsa, "Araçlar → İnternet Seçenekleri → Genel" öğesini seçin ve arama kayıtlarının tümünü silin. Sorun devam ederse, lütfen "Araçlar → İnternet Seçenekleri → Güvenlik → Güvenilen siteler" bölümüne gidip kameranızın IP veya Etki Alanını kaydedin.

EKLENTİSİZ WEB GÖRÜNTÜLEYİCİ KULLANMA

Eklentileri ayrı ayrı yüklemek mümkün olmasa da, kameraya Google Chrome, Mozilla Firefox veya MS Edge web tarayıcısından erişerseniz, eklentileri kurmadan kamera görüntüsünü izleyebilir ve denetleyebilirsiniz.

1. Oturum açmak için kullanıcı adınız ve parolayı girin.
2. Oturum açtığınızda, kameranın canlı görüntü ekranı görünür.



Kamerayı ayarlamak için

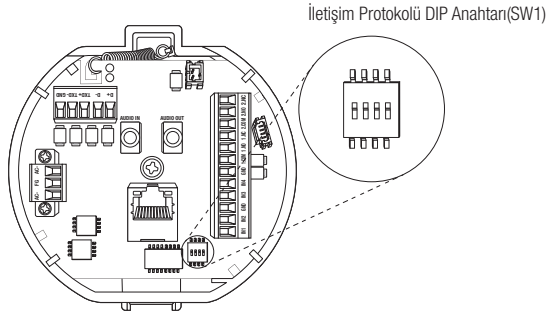
1. **[Kurulum (⚙️)]** simgesine tıklayın.
2. Ayarlar penceresi görüntülenir.
3. Kameranın temel bilgi, PTZ, video ve ses, ağ, olay, analiz, sistem ve açık platform ayarları ağ üzerinden yönetilebilir.
4. Her işlevin detaylı tanımına bakmak için **<Yardım (?)>** düğmesine tıklayın.

DIP ANAHTARI AYARI

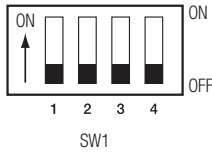
Protokollerin ve Kimlik DIP Anahtarlarının Ayarlanması

İletişim ve Kimlik DIP anahtarlarını kullanarak kamera sisteminin çeşitli ayarlarını kontrol edebilirsiniz. Ürünü monte etmeden önce, lütfen DIP anahtarlarını montaj ortamına göre ayarlayın.

1. Anahtarları montaj ortamınıza göre ayarlayın. Daha detaylı kurulum bilgileri için lütfen bir sonraki sayfada bulunan tabloya bakın.
2. Anahtarlar tamamen Açık/Kapalı değilse kamera arızalanabilir; kurulumu tamamlamadan önce lütfen anahtarları iki kez kontrol edin.
3. Anahtarın sert bir aletle çalıştırıldığında zarar görebileceğini dikkate alın.
4. Aşırı güç kullanarak çalıştırıldığında anahtarın zarar görebileceğini dikkate alın.



İletişim Protokolü DIP Anahtarı Ayarları (SW1)



SW1 Pim No.	Amaç
1	Aktarım protokolünü ayarlayın (RS-485)
2	Sonlandırma ayarı 1
3	Sonlandırma ayarı 2
4	Ayrılmış

İletişim Yöntemi Ayarları

Kamera için bir iletişim yöntemi seçin.

	İşlev	ON	OFF
SW1-#1	Transfer Modu Anahtarı	-	RS-485 (2 Kablo)

Sonlandırma Ayarları

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

Kameranın Giriş Konumu	SW1- #2	SW1- #3
En Uzun Yolu Sonlandırılması	ON	ON
Yol Üzerinde	OFF	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.

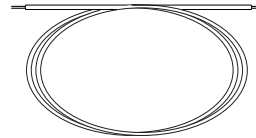
KAMERA KABLOLARI

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.

SORUN GİDERME

SORUN	ÇÖZÜM
Bir Windows 10 kullanıcısı Chrome veya Firefox aracılığıyla web görüntüleyiciye eriştiğinde, mikrofona ses düzeyi periyodik olarak değişir.	Mikrofon sürücüsü Realtek sürücüsüne ayarlandığında ne olur. Mikrofon sürücüsü olarak Yüksek Çözünürlüklü Ses aygıtını (Windows Varsayılan Sürücü) veya üçüncü taraf sürücüyü yükleyin.
Safari tarayıcıda eklentisiz web görüntüleyiciye HTTPS aracılığıyla erişildiğinde hiçbir video görüntülenmez.	- 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. - Aşağıdaki mesaj penceresinde "İleri" seçeneğini seçtikten sonra web görüntüleyici halen video görüntülemeye devam ederse, Safari tarayıcıdan çıkmak için komut tuşu + Q tuşuna basın, sayfaya yeniden erişin ve yukarıda belirtilen işlemleri uygulayın.
Kameraya ağ tarayıcısından erişemiyorum.	- Kameranın Ağ ayarlarının uygun olduğuna emin olmak için kontrol edin. - Bütün ağ kablolarının düzgün olarak bağlandığına emin olmak için kontrol edin. - Eğer DHCP ile bağlanılmışsa, kameranın problemsiz olarak dinamik IP adresi alabildiğini kontrol edin. - Eğer kamera bir Geniş Bant yönlendiriciye bağlıysa, port yönlendirmenin doğru yapıldığını kontrol edin.
İzleme sırasında izleyici bağlantısı kopuyor.	- Bağlı izleyicilerin bağlantısı, kamerada ya da ağ yapılandırmasında yapılan değişikliklerle kopar. - Bütün ağ bağlantılarını kontrol ediniz. - Eğer kamera bir PPPoE ağına bağlıysa, izleyicinin bağlantısının kopması kötü ağ koşullarından kaynaklanıyor olabilir.
Ağa bağlı kamera, Device Manager programında algılanmaz.	PC'nizdeki güvenlik duvarını kapatın ve kamerayı tekrar aratın.
Görüntüler üstüste biniyor.	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.
Görüntü belirmiyor.	Eğer iletim yöntemi multicast olarak ayarlanmışsa, kameranın bağlandığı LAN üzerinde multicast destekleyen yönlendirici olup olmadığını kontrol edin.

SORUN	ÇÖZÜM
Ses girişi ayarları yapılandırılmış olsa bile ses kaydedilmez.	<Basic> - <Video Profili> bölümündeki <Ses Girişi> onay kutusunu işaretlemeniz gerekir.
<Analiz> ögesinde <Hareket Algılama> seçeneği <Etkinleştirin> olarak ayarlandı ancak bir analiz olayı meydana geldiğinde bile bana e-posta bildirimi ulaşmıyor.	- Ayarları şu sırayla doğrulayın: <Tarih ve Saat> ayarlarını kontrol edin. <Hareket Algılama> ögesi <Etkinleştir> seçeneğine ayarlanmalıdır. <Olay Ayarı> menüsünün <E-posta> seçeneğinin kullanımı için işaretlenip işaretlenmediğini kontrol edin.
Bir akıllı video analizi olayı üretildiğinde bile Alarm Çıkışı bağlantı noktasında sinyal bulunmaz.	Alarm çıkışı bağlantı noktası ayarlarını kontrol edin.
Micro SD bellek kartına kayıt yapılamıyor.	Bellek kartının hasarlı olup olduğunu kontrol edin.
Micro SD bellek kartı takılı ama kamera düzgün çalışmıyor.	- Bellek kartının doğru yönde takılıp takılmadığını kontrol edin. Başka cihazlarda biçimlendirilen bir bellek kartı bu kamera biriminde çalışmayabilir <Ayarları> → <Olay> → <Depolama> menüsünde bellek kartını tekrar biçimlendirin.
NAS'a kaydedilemiyor.	NAS'a kaydedilen bilginin doğru olduğunu doğrulayın.
NAS ayarının başarısız olduğu bildiriliyor.	- NAS IP adresinin geçerli olduğunu doğrulayın. - NAS kimlik/şifre bilgilerinin geçerli olduğunu doğrulayın. - NAS kimliğini kullanarak temel klasör olarak atanan klasöre erişebildiğinizi doğrulayın. - NAS SMB/CIFS öğelerinin işaretli olmadığını doğrulayın. - 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. - Kaydedilen veya kullanılan temel klasörü biçimlendirmeden başka bir kullanıcı olarak erişim sağlamaya çalışarak kontrol edin. - Önerilen NAS ekipmanını kullandığınızı doğrulayın.

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GPL SW

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

LGPL SW

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

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

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Julian Seward, jseward@bzip.org

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iperf performance test

Mark Gates

Ajay Tirumala

Jim Ferguson

Jon Dugan

Feng Qin

Kevin Gibbs

John Estabrook

National Laboratory for Applied Network Research

National Center for Supercomputing Applications

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

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

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