

WISeNeT

AĞ KAMERASI

Kullanım Kılavuzu

QND-6010R/6020R/6030R
QNO-6010R/6020R/6030R
QNV-6010R/6020R/6030R



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 Techwin 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 Techwin 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 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 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, "Class 2" veya "LPS" olarak işaretlenmiş bir Listelenmiş Güç Kaynağı Birimi olarak sağlanması amaçlanmıştır ve her cihaz için minimum 12 Vdc olarak derecelendirilmiştir.



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.

DİKKAT

	DİKKAT ELEKTRİK ÇARPMASI RİSKİ VARDIR AÇMAYIN	
DİKKAT : ELEKTRİK ÇARPMASI 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.

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

ITE yalnızca PoE ağına 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
- Desteklenen İşletim Sistemi : Windows 7, 8.1, 10, Mac OS X 10.9, 10.10, 10.11
- **Eklentisiz web görüntüleyicisi**
Desteklenen web tarayıcılar : Google Chrome 47, MS Edge 20
- **Web Görüntüleyicisi Eklentisi**
Desteklenen web tarayıcılar : MS Explorer 11, Mozilla Firefox 43, Apple Safari 9 ※ sadece Mac OS X'de desteklenir.
- VGA : PCIe 256MB GDDR3 video grafik kart veya daha üstü

TAVSİYE EDİLEN MICRO SD/SDHC/SDXC BELLEK KARTI ÖZELLİK

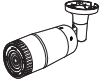
- Önerilen kapasite : 4 GB ~ 128 GB (uhs-1 sınıfı)
- Kameranız için aşağıdaki üreticilerden bir hafıza kartı kullanmanızı tavsiye ediyoruz :
Micro SD/SDHC/SDXC Bellek Kartı : Sandisk, Transcend

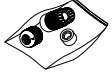
NAS İÇİN ÖNERİLEN TEKNİK ÖZELLİKLER

- Önerilen kapasite : 200GB veya üstü önerilir.
- Bu kamera için, aşağıdaki üretici teknik özelliklerine sahip bir NAS kullanmanız önerilir.
Önerilen ürünler : QNAP NAS, Synology NAS

DAHİL OLANLAR

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

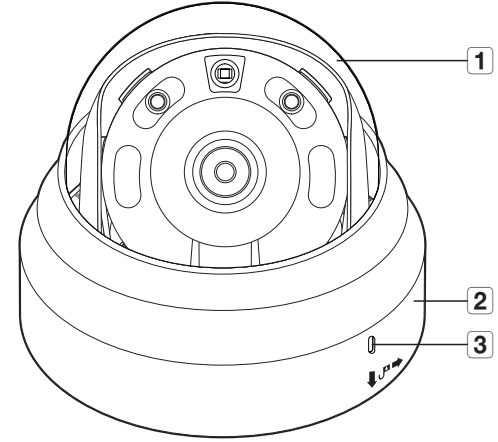
Görünüm	Öge Adı	Adet	Açıklama	Model Adı
	Kamera	1		QND-6010R/6020R/ 6030R
		1		QNO-6010R/6020R/ 6030R
		1		QNV-6010R/6020R/ 6030R
	Hızlı Kullanma Kılavuzu (İsteğe bağlı)	1		QND-6010R/6020R/ 6030R, QNO-6010R/6020R/ 6030R, QNV-6010R/6020R/ 6030R
	Şablon	1	Ürün montaj rehberi	QND-6010R/6020R/ 6030R, QNO-6010R/6020R/ 6030R, QNV-6010R/6020R/ 6030R
	Güç Terminali Bloğu	1	Elektrik prize takılı	QND-6010R/6020R/ 6030R, QNV-6010R/6020R/ 6030R
	Makine Vidaları	2	Ürün boruya, duvara, vb. monte edilirken kubbe muhafazasını birleştirmek veya delikleri tıkmak için kullanılır.	QND-6010R/6020R/ 6030R, QNV-6010R/6020R/ 6030R

Görünüm	Öge Adı	Adet	Açıklama	Model Adı
	Allen Anahtarı	1	Kameranın yönünü kontrol etmek için kullanılır / Dome kapağını çıkarmak ve değiştirmek için kullanılır	QNO-6010R/6020R/ 6030R, QNV-6010R/6020R/ 6030R
	Kılavuz Vida	2	Duvara ya da tavana montaj için kullanılır	QND-6010R/6020R/ 6030R, QNV-6010R/6020R/ 6030R
		3		QNO-6010R/6020R/ 6030R
	Alarm kablosu	1	Bir alarmla bağlanırken kullanılır	QND-6010R/6020R/ 6030R
	RJ45 su geçirmezlik aksesuarı	1	Nemli yerlerde kurulum yapmak için kullanılır	QNO-6010R/6020R/ 6030R
	Güneşlik	1	Kamerayı direkt güneş ışığından korur.	QNO-6010R/6020R/ 6030R
	Güneşlik Tutacağı	1	Güneşliği kameraya sabitler.	QNO-6010R/6020R/ 6030R
	Kart tipi nem emici	3	Kurulduğunda takılıdır.	QNO-6010R/6020R/ 6030R
		1		QNV-6010R/6020R/ 6030R

Görünüm	Öge Adı	Adet	Açıklama	Model Adı
	Güç Kablosu	1	Güç girişine takmak için kullanılır	QNV-6010R/6020R/6030R
	Ses/alarm kablosu	1	Ses ve alarm girişine bağlantı için kullanılır	QNV-6010R/6020R/6030R
	Kablo burcu	1	Ø7~8.5 çapında LAN kablosu bağlamak için kullanılır.	QNV-6010R/6020R/6030R
	Dübel	2	Vidaları sabitlemek için kullanılır, Deliklere takılır (sabitleme kuvvetini artırır)	QNV-6010R/6020R/6030R
Seçenekler (dahil değildir)				
	Direk montaj bağlantı aparatı		Silindirik direk montaj bağlantı aparatı	QNO-6010R/6020R/6030R

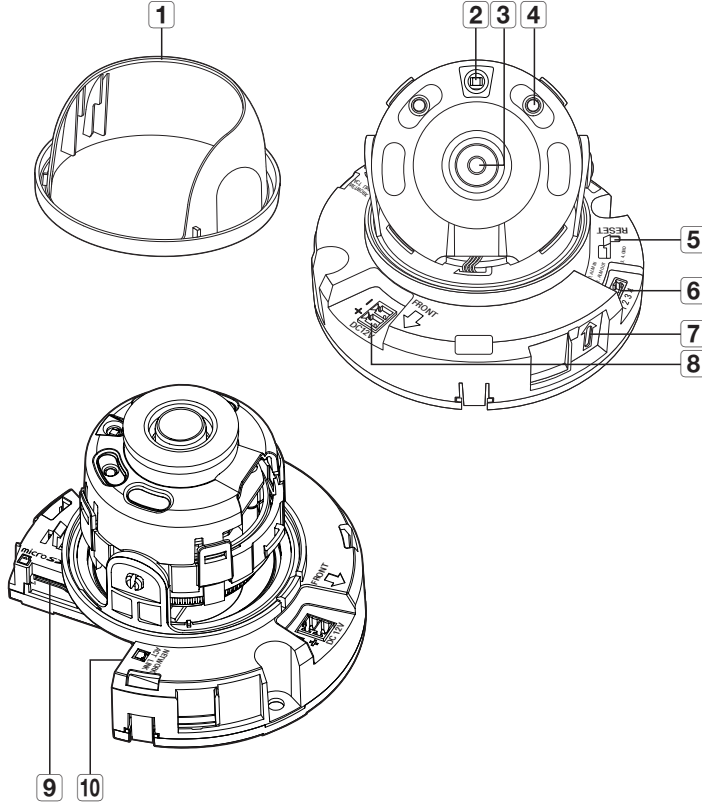
İLK BAKIŞ (QND-6010R/6020R/6030R)

Görünüm



Madde	Açıklama
1 Dome Kapağı	Mercek ve ana birimi korumakta kullanılan muhafaza kapağı.
2 Kamera Muhafazası	Kamera gövdesini kapatan yuva bölümü.
3 Mikrofon deliği	Mikrofon tümeleşiktir.

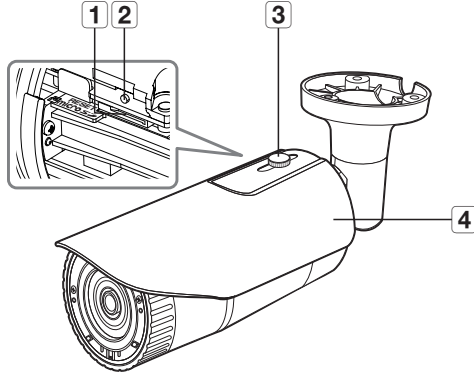
Ek Cihazlar



Madde	Açıklama	
1 İç kapak	Ana gövde için koruyucu kapak.	
2 Aydınlatma Sensörü	IR LED'i kontrol etmek için gelen ışığı algılar.	
3 Mercek	Kamera Lensi.	
4 IR LED'i	Bu kızılötesi LED'ler aydınlatma sensörü tarafından kontrol edilir.	
5 Reset Düğmesi	Düğme, tüm kamera ayarlarını fabrika varsayılan ayarlarına geri döndürür. Sistemi yeniden başlatmak için yaklaşık 5 saniye basılı tutun. 1 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.	
6 Alarm I/O Bağlantı Noktası	ARM-IN	Alarm giriş sensörünü veya harici gündüz/gece sensörünü bağlamak için kullanılır.
	ARM-OUT	Alarm çıkış sinyalini bağlamak için kullanılır.
	GND	Alarm giriş/çıkış sinyallerinin bağlandığı ortak portlardır.
7 Mikrofon deliği	Mikrofon tümleşiktir.	
8 Güç Bağlantı Noktası	Güç terminali bloğu için giriş.	
9 Micro SD Bellek Kartı Bölmesi	Micro SD bellek kartı için bölme.	
10 Ağ Bağlantı Noktası	Ağ bağlantısı için PoE veya Ethernet kablosunu bağlamada kullanılır.	

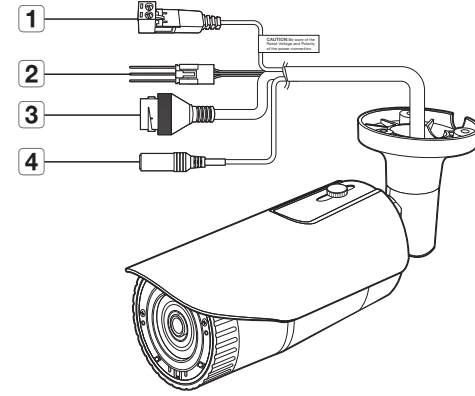
İLK BAKIŞ (QNO-6010R/6020R/6030R)

Görünüm



Madde	Açıklama
1 Micro SD kart yuvası	(Ürünün içindeki boşluk) Bu, bir Micro SD kart takabileceğiniz bir yuvadır.
2 Reset Düğmesi	Düğme, tüm kamera ayarlarını fabrika varsayılan ayarlarına geri döndürür. Sistemi yeniden başlatmak için yaklaşık 5 saniye basılı tutun. ! 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.
3 Güneşlik Tutacağı	Güneşliği kameraya sabitler.
4 Güneşlik	Kamerayı direkt güneş ışığından korur.

Ek Cihazlar

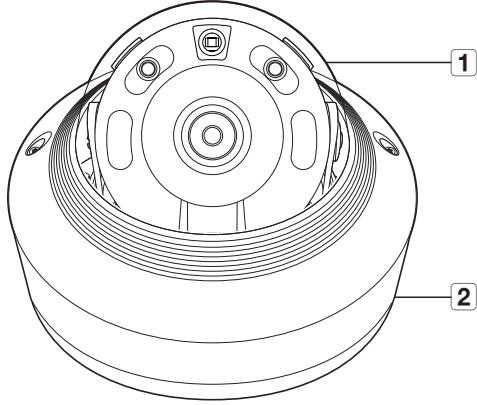


Madde	Açıklama	
1 Güç Bağlantı Noktası	Güç kablosunu takmak için kullanılır.	
2 Alarm I/O Bağlantı Noktası	ARM-OUT	Alarm çıkış sinyalini bağlamak için kullanılır.
	GND	Alarm giriş/çıkış sinyallerinin bağlandığı ortak portlardır.
	ARM-IN	Alarm giriş sensörünü veya harici gündüz/gece sensörünü bağlamak için kullanılır.
3 Ağ Bağlantı Noktası	Ağ bağlantısı için PoE veya Ethernet kablosunu bağlamada kullanılır.	
4 Ses Giriş Jaki	Bir mikrofona bağlanmak için kullanılır.	

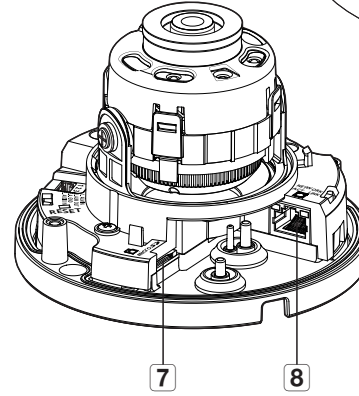
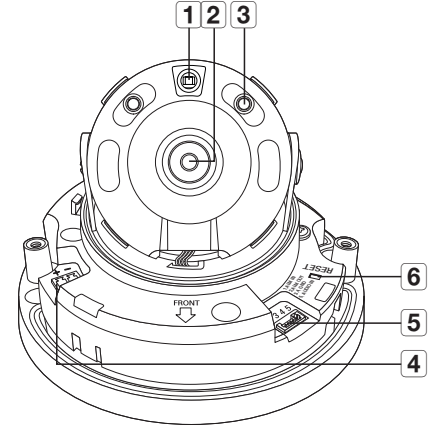
İLK BAKIŞ (QNV-6010R/6020R/6030R)

Ek Cihazlar

Görünüm



Madde	Açıklama
1 Dome Kapağı	Mercek ve ana birimi korumakta kullanılan muhafaza kapağı.
2 Kamera Muhafazası	Kamera gövdesini kapatan yuva bölümü.



Madde	Açıklama
1 Aydınlatma Sensörü	IR LED'i kontrol etmek için gelen ışığı algılar.
2 Mercek	Kamera Lensi.
3 IR LED'i	Bu kızıltesi LED'ler aydınlatma sensörü tarafından kontrol edilir.
4 Güç Bağlantı Noktası	Güç terminali bloğu için giriş.
5 Ses ve alarm kablosu girişi	Harici bir alarm cihazına/mikrofona bağlanmak için alarm ve ses kablosunun bağlandığı terminal.
6 Reset Düğmesi	Düğme, tüm kamera ayarlarını fabrika varsayılan ayarlarına geri döndürür. Sistemi yeniden başlatmak için yaklaşık 5 saniye basılı tutun.  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.
7 Micro SD Bellek Kartı Bölmesi	Micro SD bellek kartı için bölme.
8 Ağ Bağlantı Noktası	Ağ bağlantısı için PoE veya Ethernet kablosunu bağlamada kullanılır.

KURULUM (QND-6010R/6020R/6030R)

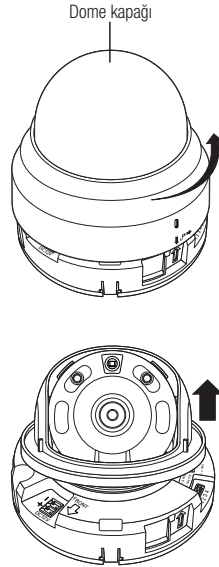
Kurulumdan Önce Alınması Gereken Önlemler

Kamerayı kurmadan önce aşağıdaki talimatları mutlaka okuyun:

- Montaj braketi de dahil olmak üzere kameranın ağırlığının 5 katı ağırlığa dayanabilecek bir alana (tavan veya duvar) monte edilmelidir.
- 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.

Sökme

1. Kameranın alt kısmını tutmak için bir elinizi kullanın ve sökmek için diğer elinizle kapağı saat yönünün tersine çevirin.



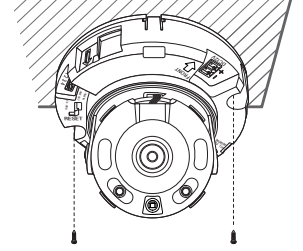
2. Çıkarmak için iç kapağı kaldırın.

Kurulum

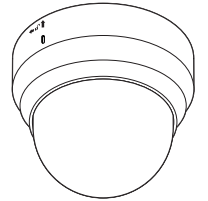
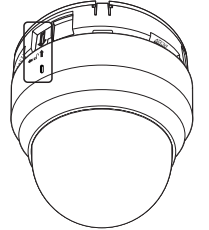
1. Montaj lablonunu seçili alana takın ve şekilde gösterildiği üzere 3 delik açın.



2. Verilen 2 vidayı kullanarak, şablonda açılan 2 delikle kamerayı sabitleyin.
 - Kamerayla izleme yönünü öne getirmek için kamerada yazılı <↑> işaretini ayarlayın.
3. Kamera dahili terminalini ilgili kabloya bağlayın.
4. Merceği "Kameranin izleme yönünün ayarlanması" bölümüne bakarak istediğiniz yönde ayarlayın. (sayfa 17)



- ! ■ Kameranın odak ayarı son üretim sürecinde uygun şekilde yapıldığından, lense dokunmanızı öneririz. Aksi halde, lens odak ayarı bozulabilir veya yabancı maddeler lensin kirlenmesine neden olabilir.
5. Lütfen iç kapağı ana gövdeye bağlayın.
 6. Elinizle kameranın alt kısmını tutarken, lütfen iki ok işaretini hizalamak için şekilde gösterildiği gibi diğer elinizle kapağı tutup itin.
 - ! ■ Dome kapağını takmak için okların birbiriyle eşleşmesini sağlayın ve kapağı sıkıca bastırın. Montaj esnasında dom kapağı döndürülürse veya yanlış takılırsa dağınık yansıma oluşabilir veya çekim aralığının değişmesine neden olacak şekilde lens bölümü dönebilir.
 - Dom kapağının, aşağıdaki şekilde gösterildiği gibi alt parçaya doğru bir şekilde bağlandığından emin olun. Kilitler doğru şekilde takılmazsa, dom kapağı düşebilir ve yaralanmaya neden olabilir.



KURULUM (QNO-6010R/6020R/6030R)



- Bu fotoğraf makinesi, su geçirmezdir ve IP66 şartnamesine uygundur, ancak harici kabloya bařlanan jak uygun deřildir. Kablonun tamamen aıkta kalmasını önlemek için bu ürünü saak kenarlarının altına yüklemeniz önerilir.

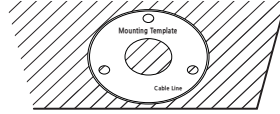
Kurulumdan Önce Alınması Gereken Önlemler

Kamerayı kurmadan önce ařağıdaki talimatları mutlaka okuyun:

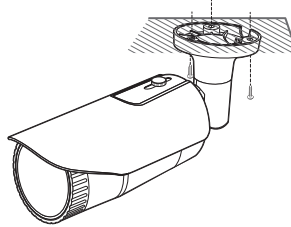
- Montaj braketi de dahil olmak üzere kameranın ağırlığının 5 katı ağırlığa dayanabilecek bir alana (tavan veya duvar) monte edilmelidir.
- Sıkıştırılmış veya soyulmuş kablolar hasara neden olabilir veya yangın çıkarabilir.
- Güvenlik açısından, kurulum alanında kimsenin bulunmamasını saęlayın. Her ihtimale karşı özel eşyalarınızı kurulum alanından uzak tutun.

Kurulum

1. Kurulum şablonunu istenilen konuma takın ve 3 deliğı ařağıdaki resimde gösterilen boyut ile aynı boyutta olacak hale getirin.



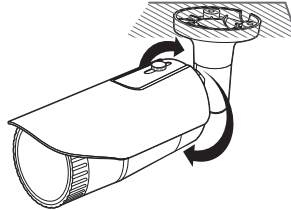
2. Kamerayı emniyete almak için 3 kılavuz cıvatayı 3 deliğe takın.
3. İlgili kablolar kamera terminallerine baęlayın.



4. Birlikte verilen L anahtarı kullanarak kameranın yönünü ayarlayın.

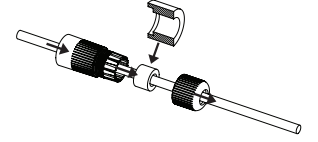


- Kamera konumunu bir destek kullanarak ayarlarken, destek vidasını gevşetin, kamerayı ayarlayın ve vidayı sıkın. Vida sıkılmış durumdayken güç uygulayarak ayarlamaya kalkışmanız durumunda, gızılme veya başka sorunlar oluşabilir.

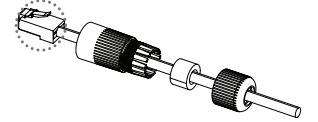


RJ45 su geçirmez kabloyu LAN kablosuna baęlama

1. Ok yönünde yerleřtirin.



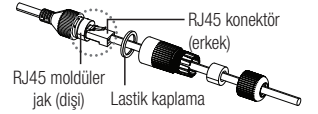
2. LAN konektörünü (erkek) kabloya baęlayın.



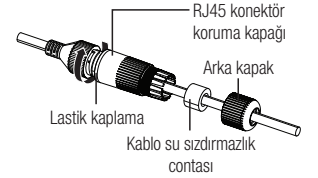
3. RJ45 modüler jakı (diři) RJ45 konektöre (erkek) baęlayın.



- Lütfen parçaları birbirinden ayrı tutun.



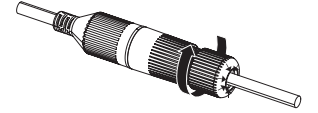
4. RJ45 modüler jakı (diři) ve RJ45 koruma kapağına saat yönünde döndürerek monte edin (Oku izleyin).



5. RJ45 koruma kapağına ve arka kapağı saat yönünde döndürerek monte edin (Oku izleyin). Arka kapak monte edildiğinde, kablo su sızdırmazlık contası su sızdırmazlık özelliğı saęlamak üzere kabloya sıkıca takılır.



- Arka kapağı RJ45 konektörün vida dişlerinin sonuna kadar döndürmek için tamamen monte etmeniz gerekir.



Dış mekan montajı

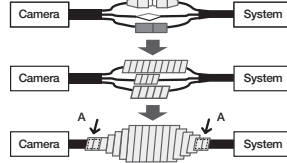
Cihazı binanın dışına monte ettiğinizde, lütfen butil plastik bantla (mağazalardan alınabilir) su yalıtımı sağlayın, böylece dışarıya bağlanan kablo açıklığından sıvı sızıntısı olmaz.

1. Güç, G/Ç, AUDIO ve LAN kablolarını bağlayın.

2. Siyah kablo kaplamasını (Alan A) ve kablo bağlantı alanını butil plastik bandın yarısından fazlası üst üste gelecek şekilde su geçirmez (butil plastik) bantla sarın.

! ■ Kablo kaplamasının su geçirmezliği düzgün sağlanmadığında bu durum doğrudan sızıntıya neden olabilir. Kabloyu yoğun bir bant katmanıyla koruduğunuzdan emin olun.

■ Su geçirmez butil bant, normal uzunluğunun iki katına kadar esnetilebilen butil plastikten yapılmıştır.



KURULUM (QNV-6010R/6020R/6030R)

! ■ 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.

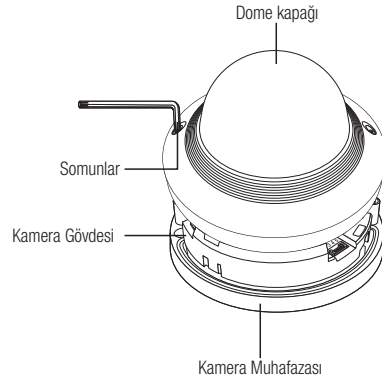
Kurulumdan Önce Alınması Gereken Önlemler

Kamerayı kurmadan önce aşağıdaki talimatları mutlaka okuyun:

- Montaj braketi de dahil olmak üzere kameranın ağırlığının 5 katı ağırlığa dayanabilecek bir alana (tavan veya duvar) monte edilmelidir.
- 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.

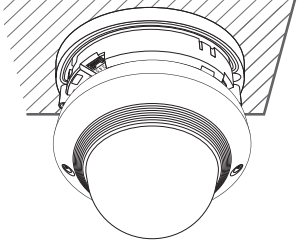
Sökme

1. Verilen L anahtar ile dom kapağındaki 2 sabitleme civatasını saat yönünün tersi yönde çevirerek kapağı çıkartın.



Kurulum

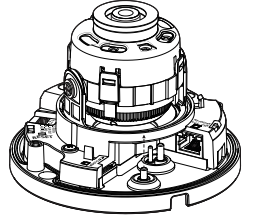
1. Aksesuar olarak verilen şablonu kullanarak vida montaj deliği (6mm çapında ve en az 55mm derinlikte) açın ve aksesuar olarak verilen plastik ankrajı gidebildiği kadar sıkıca yerleştirin.
2. Alttaki deliği ankraj deliğine hizalayarak kılavuz vidayı (M4.5xL50) takın.
3. Gerekli kabloları bağlayın ve kamera montajı sırasında zarar görmemeleri veya sıkışmamları için gerekli şekilde düzenleyin.
4. Merceği "Kameranın izleme yönünün ayarlanması" bölümüne bakarak istediğiniz yönde ayarlayın. (sayfa 17)
5. Dome kapağını kapatın.
 - Su sızıntısını önlemek için, sabitleme civatalarını bir L anahtar ile iyice sıkın.



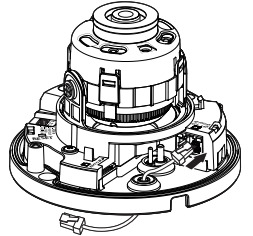
LAN kablosunun bağlanması

1. Dome kapağını ve muhafazayı sökün.
2. Tabandaki sünger tapanın uzun çıkıntılı kısmını çekin ve şekilde gösterildiği gibi çıkarın.

- ! ■ Bağlanacak LAN kablosu için uygun bir kablo burcu kullanın.
- Temel kamera: Ø5~6.5 çapında kablo kullanın.
 - Verilen bileşenler: Ø7~8.5 çapında kablo kullanın.

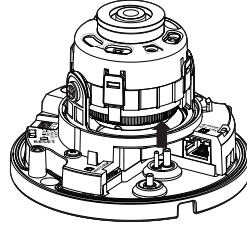


3. Yukarıda adım ikide plastik tapanın çıkıntılı kısmını çıkararak oluşturulan büyük deliğe LAN kablosunu yerleştirin.
4. Kablo kesicisiyle kılıfı sökün ve kabloları hizalayın.
5. LAN kablosunu bir LAN konektörüne bağlayın ve LAN aracına takın.
6. Tamamlanan kabloyu Ethernet girişine bağlayın.

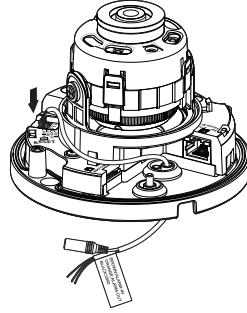


Ses/alarm kablusunun ve güç kablusunun takılması

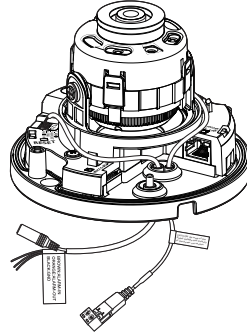
1. Dome kapağını ve muhafazayı sökün.
2. Plastik tapayı resimde gösterildiği gibi çekin.



3. No. 2'deki kauçuk kapağın çıkartılmasıyla oluşturulan delik aracılığıyla alarm/ses kablusunu sokun ve kabloyu alarm terminaline bağlayın.
4. Kabloyu kamera monte edilirken hasar görmeyecek veya karışmayacak şekilde hizalayın.
5. Alarm/ses kablusunda bulunan kauçuk kapağı deliğe takın.



6. Güç kablusunu uzun oyuk kanal içinden küçük boyutlu deliğe takın.
7. Güç kablusunu güç terminali bloğuna bağlayın.
8. Merceği "**Kameranın izleme yönünün ayarlanması**" bölümüne bakarak istediğiniz yönde ayarlayın. (sayfa 17)
9. Dome kapağını takın.



Bağımsız adaptöre bağlama

Aşağıdaki seçeneklerden (bağımsız) montaj alanına veya rahatınıza uygun, gerekli bir tanesini seçip satın alın.

1. Dome kapağını "**Sökme**" bölümünde belirtildiği şekilde muhafazadan çıkarın. (sayfa 15)
2. Cihazla beraber verilen makine vidasını, kamera gövdesinin bağımsız adaptöre bağlanmasında kullanın.
3. Gerekli kabloları bağlayın ve kamera montajı sırasında zarar görmemeleri veya sıkışmamları için gerekli şekilde düzenleyin.
4. Kamera gövdesini "**Sökme**" sondan başa izleyerek monte edin.
5. Merceği "**Kameranın izleme yönünün ayarlanması**" bölümüne bakarak istediğiniz yönde ayarlayın. (sayfa 17)
6. Dome kapağını kapatın.
 - Su sızıntısını önlemek için, sabitleme civatalarını bir L anahtar ile iyice sıkın.

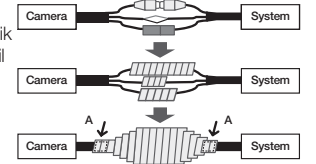
Dış mekan montajı

Cihazı binanın dışına monte ettiğinizde, lütfen butil plastik bantla (mağazalardan alınabilir) su yalıtımı sağlayın, böylece dışarıya bağlanan kablo açıklığından sıvı sızıntısı olmaz.

1. Güç, G/G, BNC ve LAN kablolarını bağlayın.
2. Siyah kablo kaplamasını (Alan A) ve kablo bağlantı alanını butil plastik bandın yarısından fazlası üst üste gelecek şekilde su geçirmez (butil plastik) bantla sarın.



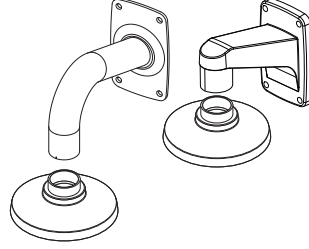
- Kablo kaplamasının su geçirmezliği düzgün sağlanmadığında bu durum doğrudan sızıntıya neden olabilir. Kabloyu yoğun bir bant katmanıyla koruduğunuzdan emin olun.
- Su geçirmez butil bant, normal uzunluğunun iki katına kadar esnetilebilen butil plastikten yapılmıştır.



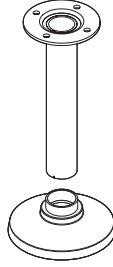
Kurulum için İsteğe Bağlı Aksesuarlar

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

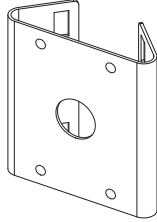
1. DUVARA MONTAJ ADAPTÖRÜ (SBP-300WM veya SBP-300WM1) / ASMA TİPİ MONTAJ PARÇASI (QND-6010R/6030R : SBP-300HM8, QND-6020R : SBP-300HM7)
Bu adaptör dome kamerayı bir duvara kurarken kullanılır.



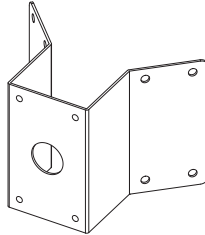
2. TAVANA MONTAJ ADAPTÖRÜ (SBP-300CM) / ASMA TİPİ MONTAJ PARÇASI (QND-6010R/6030R : SBP-300HM8, QND-6020R : SBP-300HM7)
Bu adaptör dome kamerayı bir beton tavana kurarken kullanılır.



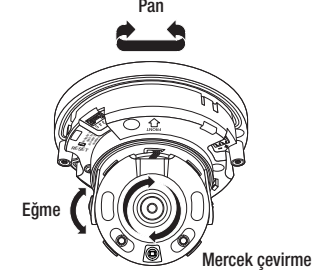
3. DİREĞE MONTAJ ADAPTÖRÜ (SBP-300PM)
Bu aksesuar, çapı 80 mm.den büyük olan bir direğe DUVARA MONTAJ ADAPTÖRÜ (SBP-300WM veya SBP-300WM1) ile kurulum için kullanılan bir adaptördür.



4. KÖŞEYE MONTAJ ADAPTÖRÜ (SBP-300KM)
Bu aksesuar, duvar derzinin köşesine DUVARA MONTAJ ADAPTÖRÜ (SBP-300WM veya SBP-300WM1) ile kurulum için kullanılan bir adaptördür.



Kameranın izleme yönünün ayarlanması (QND-6010R/6020R/6030R, QNV-6010R/6020R/6030R)



■ İzleme yönünün ayarlanması

Kamera yönünü sadece kamera tavanda sabitken ayarlayabilirsiniz.

Burada kameranın sağ veya sola çevrilmesine Pan, eğimin ayarlanmasına Eğim ve merceğin ekseninde çevrilmesine Döndürme adı verilir.

- Etkili pan aralığı toplam 350 derecedir.
- Etkili döndürme aralığı toplam 355 derecedir.
- Etkili eğim aralığı toplam 67 derecedir.



- Açıya bağlı olarak, görüntü kamera kasası tarafından kapatılabilir.
- Odak/zoom lensini dome kasası söküldükten sonra zorlayarak çevirmeyin. Aksi halde motor arızası nedeniyle hatalı odağa yol açabilir.

■ Ayarlama yöntemleri

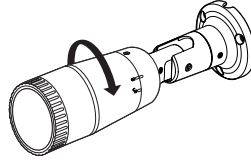
1. Kameranın kurulmasından sonra pan açısını izleme yönünü dikkate alarak ayarlayın.
2. Görüntü ters olmayacak şekilde yatak açısı ayarlayın.
3. Eğim açısını, kamera izlenen nesneye dönecek şekilde ayarlayın.

MİCRO SD BELLEK KARTININ TAKILMASI/ÇIKARILMASI

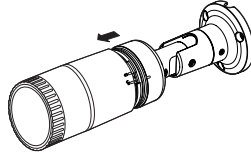
- Micro SD bellek kartını takmadan önce güç kablosunu kameradan çıkartın.
- Micro SD bellek kartını ters tutarak ve zorlayarak takmayın. Aksi takdirde Micro SD bellek kartı zarar görebilir.
- Micro SD kartın yağmur yağarken ya da nem yüksek olduğunda takılması veya çıkarılması önerilmez.
- Ürün kapağını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

Micro SD Bellek Kartının Takılması (QNO-6010R/6020R/6030R)

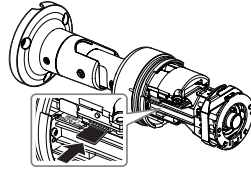
1. Ön kapağı KİLİT AÇ [🔓] yönünde döndürün.



2. Ön kapağı çekerek ayırın.

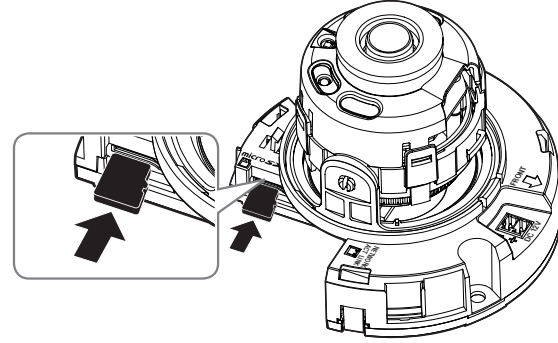


3. Micro SD kartı, şekilde gösterildiği gibi ok yönünde takın.

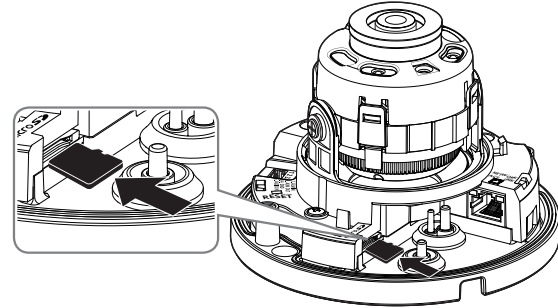


Micro SD Bellek Kartının Takılması (QND-6010R/6020R/6030R, QNV-6010R/6020R/6030R)

1. Kameranın Dome kapağını ayırın.
2. Micro SD kartı, şekilde gösterildiği gibi ok yönünde takın.



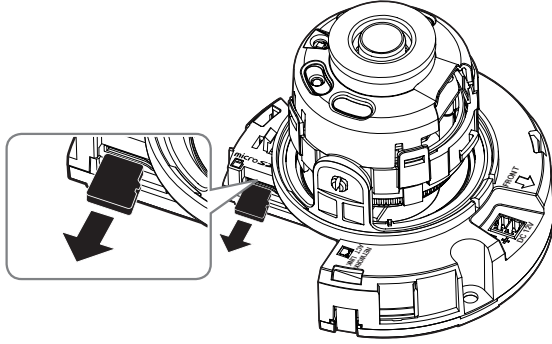
<QND-6010R/6020R/6030R>



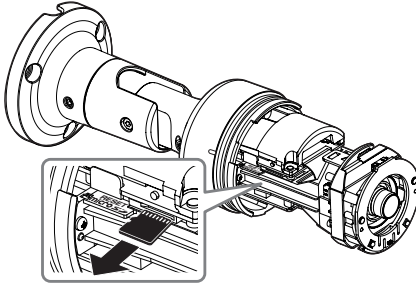
<QNV-6010R/6020R/6030R>

Micro SD Bellek Kartının Çıkarılması

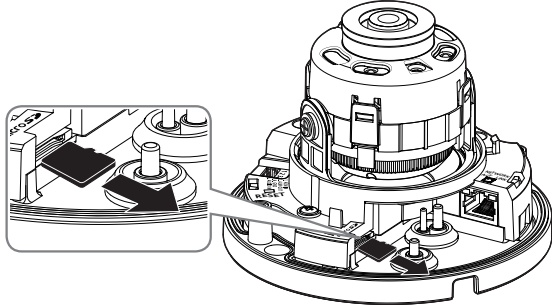
Hafıza kartını yuvasından çıkartmak için şemada gösterildiği gibi hafıza kartının açık tarafından yavaşça basın.



<QND-6010R/6020R/6030R>



<QND-6010R/6020R/6030R>



<QNV-6010R/6020R/6030R>



- Micro SD bellek kartına çok sert basılması, bıraktığında kartın kontrol edilemeyen bir şekilde dışarı çıkmasına neden olabilir.
- Micro SD bellek kartınızı çıkarmadan önce, kamerayı kapatın veya <Depolama> bölümüne gidin, cihazı kapatın ve [Uygula] ([Uygula]) düğmesine basın.
- Fotoğraf makinesini kapatırsanız veya üründen veriler içeren Micro SD bellek kartını çıkarırsanız, veriler kaybolabilir veya hasar görebilir.

HAFIZA KARTI BİLGİSİ (DAHİL DEĞİL)

Hafıza kartı nedir?

Hafıza kartı, dijital cihazlar kullanılırken video, ses ve metin verilerini kaydetmek ve paylaşmak için geliştirilmiş harici veri depolama cihazıdır.

Size uygun bir hafıza kartı seçmek

Kameranız Micro SD/SDHC/SDXC kartlarını destekler.

Ancak hafıza kartının markası ve modeline göre uyumluluk sorunlarını deneyebilir.

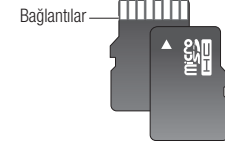
Kameranız için aşağıdaki üreticilerden bir hafıza kartı kullanmanızı tavsiye ediyoruz:

Micro SD/SDHC/SDXC Bellek Kartı : Sandisk, Transcend

Bu kamera için 4 ila 128 GB (uhs-1 class) bir bellek kartı kullanılması önerilir.

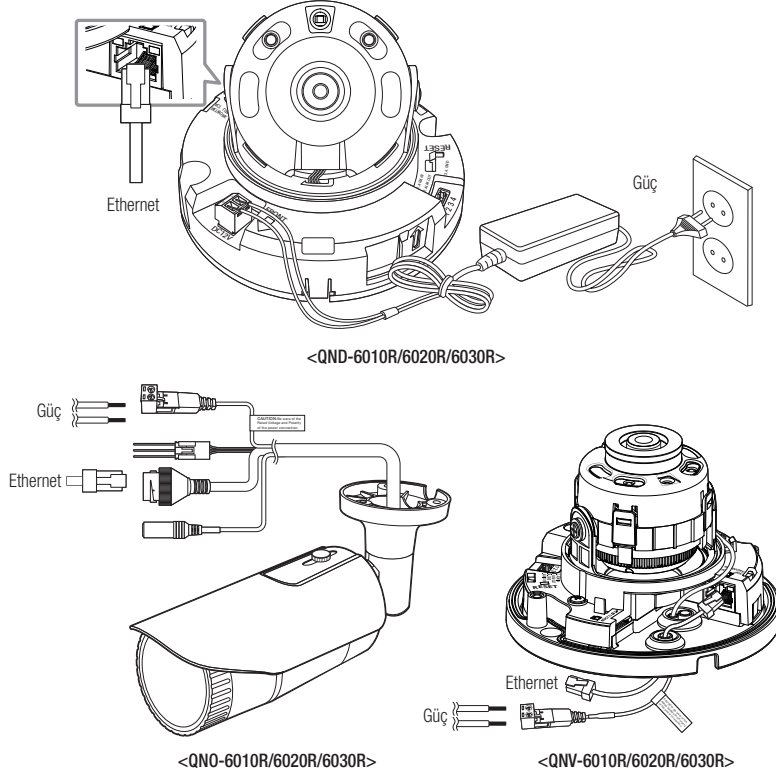
Oynatma performansı hafıza kartının hızına bağlı olarak etkilenebilir, bu yüzden yüksek hızlı hafıza kartı kullanın.

Hafıza Kartı Bileşenleri



Micro SD/SDHC/SDXC

Diğer Cihazlarla Bağlantı



Ethernet Bağlantısı

Ethernet kablosunu yerel ağa veya İnternete bağlayın.

Güç Kaynağı

Tornavidayla güç kablosunun her bir hattını (+, -) video kameranın ilgili güç bağlantı noktasına bağlayın.



- PoE ve DC 12V eş zamanlı olarak uygulanıyorsa, ürün PoE'den güç alır.
 - Video kameraya güç beslemesi sağlamak için PoE özelliğine sahip bir yönlendirici de kullanabilirsiniz.
 - IEEE 802.3af protokolü ile uyumlu bir PoE kullanın.
 - PoE ve DC 12V güç kaynaklarından yalnızca birinin kullanılması önerilir.
- Güç kablosunu bağlarken kutupları ters çevirmemeye dikkat edin.
- Harici bir cihaz bağlamak isterseniz, devam etmeden önce harici cihazı kapamanız gerekir.

Her Bir Model için Güç Kablosu Özellikleri

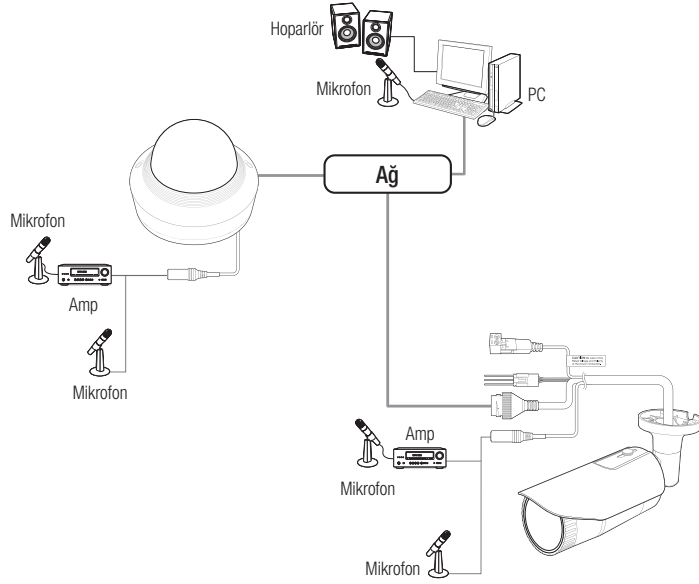
DC 12V Girişi söz konusu olduğunda:

Kablo Tipi (AWG)	#22	#20	#18
Kablo Uzunluğu (Maks.)	24 m	38 m	60 m

Ağ Kablosu Özellikleri

Öge	İçindekiler	İşaret
Konektör	RJ45	
Ethernet	10/100BASE-T	10/100 Mbps
Kablo	UTP Kategori 5e	
Maks Mesafe	100M	
PoE Desteği	IEEE 802.3af	

Ses Giriş Bağlamak



1. Kameranin AUDIO IN bağlantı noktasını mikrofona veya mikrofona bağlı olduğu amplifikatörün LINE OUT bağlantı noktasına bağlayın.

■ Harici bir mikrofona takmadan, kameranın dahili mikrofonunu kullanabilirsiniz.
(sadece QND-6010R/6020R/6030R modelinde mevcuttur)

2. Ses girişi için teknik özellikleri kontrol edin.

• Ses Kodeği

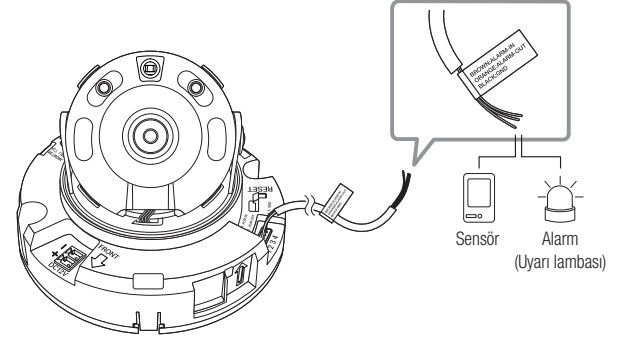
- Ses Girişi : G.711 PCM (Bit Hızı: 64Kbps / Örneklem Frekansı: 8 kHz), G.726 ADPCM (Bit Hızı: 16 Kbps, 24 Kbps, 32 Kbps, 40 Kbps / Örneklem Frekansı: 8 kHz)

• Tam ÇiftYönlü Ses

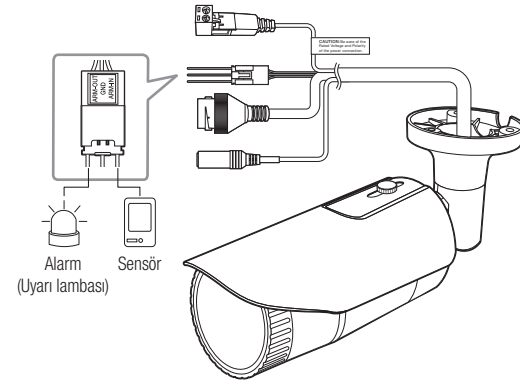
- **Audio in (QND-6010R/6020R/6030R)** : Seçilebilir (Tümleşik), Desteklenen voltaj: 2.5VDC (4 mA), Giriş impedansı: 2K Ohm
- **Audio in (QNO-6010R/6020R/6030R, QNV-6010R/6020R/6030R)** : Seçilebilir (mikrofon/Hat girişi), Desteklenen voltaj: 2.5VDC (4 mA), Giriş impedansı: 2K Ohm

I/O bağlantı kutusuna bağlama

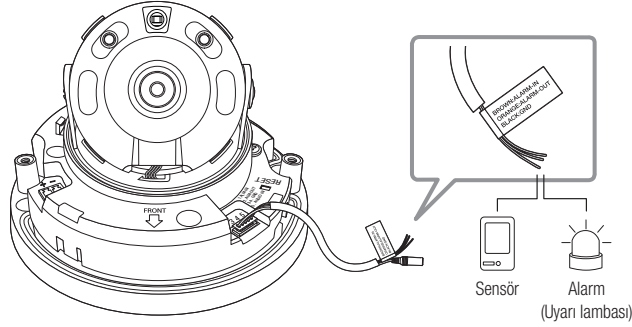
Alarm G/Ç kablolarını yuva kutusunun ilgili yuvasına bağlayın.



<QND-6010R/6020R/6030R>



<QNO-6010R/6020R/6030R>



<QNV-6010R/6020R/6030R>

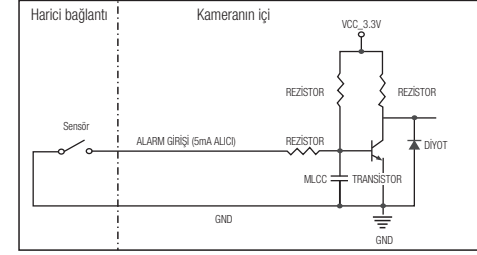
- ALARM-IN : Alarm giriş sensörünü veya harici gündüz/gece sensörünü bağlamak için kullanılır.
- ALARM-OUT : Alarm çıkış sinyalini bağlamak için kullanılır.
- GND : Alarm giriş/çıkış sinyali için ortak bağlantı noktası.

■ Gerilim ve akım özelliklerini aşan cihazlar (örn. Yanıp sönen ışık ve siren) açık kolektör yöntemi kullanılarak bağlanırsa, arızaya neden olabilir.
Voltaj ve akım özelliklerini aşan cihazları bağlarken "**Alarm Çıkışı Kablo Şeması**" bölümüne bakın. (sayfa 22)

Harici sensörü bağlamak için

Her bir sinyal hattının (2 telli) bir telini [ALARM IN] portuna, diğer telini ise [GND] portuna bağlayın.

Alarm Girişi Kablo Şeması

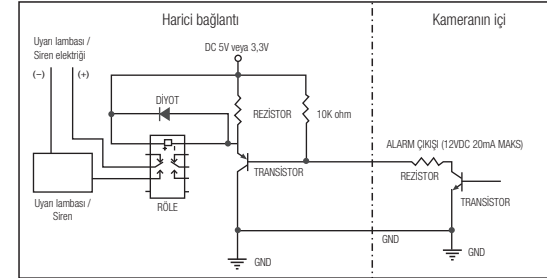


Alarmı dışarıya bağlamak için

Gerilim ve akım özelliklerini aşan cihazlar (örn. Yanıp sönen ışık ve siren) açık kolektör yöntemi kullanılarak bağlanırsa, arızaya neden olabilir.

Gerilim ve akım şartnamelerini aşan cihazları bağlarken aşağıdaki alarm çıkışı şemasına bakın.

Alarm Çıkışı Kablo Şeması

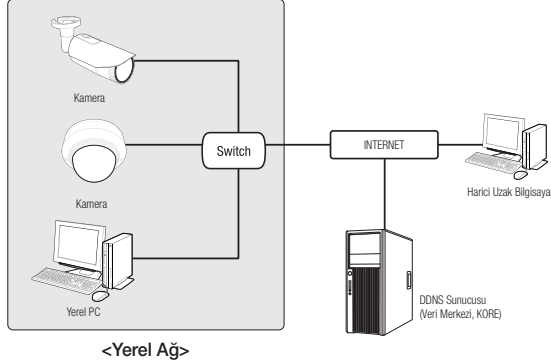


Ağ ayarlarınızı ağ yapılandırmanıza göre ayarlayabilirsiniz.

KAMERAYI DOĞRUDAN YEREL ALAN AĞINA BAĞLAMAK

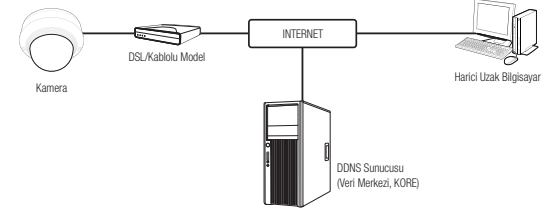
Kameraya Lan Üzerinde Yerel Bir Pc'den Bağlanmak

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.
- 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 25)

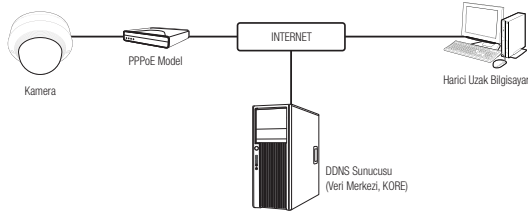
KAMERANIN DOĞRUDAN BİR DHCP TABANLI DSL/KABLOLU MODEME BAĞLANMASI



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.

KAMERANIN DOĞRUDAN PPPoE MODEME BAĞLANMASI

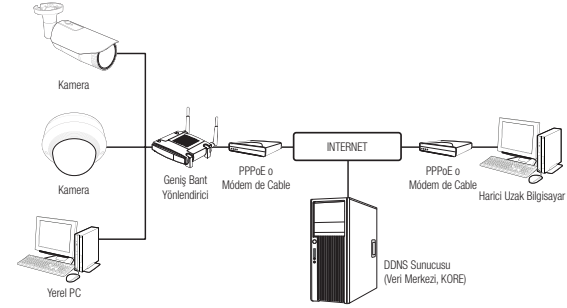


1. Kullanıcı bilgisayarını doğrudan ağ kamerasıyla bağlayın.
2. Device Manager'ı çalıştırın ve İnternet'e bağlanmak için masaüstünüzdeki web tarayıcısını kullanabilmek amacıyla kameranın IP adresini değiştirin.
3. İnternet tarayıcısını kullanarak web görüntüleyiciye bağlanın.
4. [Ayarlar] sayfasına gidin.
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 27)

DEVICE MANAGER'I KULLANMA



- Device Manager programı, Hanwha Techwin web sitesindeki <Technical Guides> – <Online Tool> menüsünden indirilebilir (<http://www.hanwha-security.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.
- 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 27)

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 Subnet Mask Gateway	192.168.1.100 255.255.255.0 192.168.1.1	192.168.1.101 255.255.255.0 192.168.1.1
Bağlantı noktası ile ilgili ayarlar	HTTP Port RTSP Port	8080 554	8081 555



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

- [Uygula] Düğmesine tıklayın.
- 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.

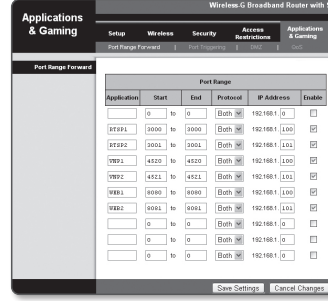
1. Device Manager'ın ana sayfasındaki <Cihaz Ekle> – <Cihazı Manuel Ekle> seçeneğine tıklayın.
2. Aradığınız IP adresi aralığını ekleyin.
3. Kaydettiğiniz kameranın <Model adı> seçin ve HTTP portu, kimlik ve şifre bilgilerini ekleyin.
4. [Kayıt] düğmesine tıklayın.
5. Kameranın kayıtlı olup olmadığını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

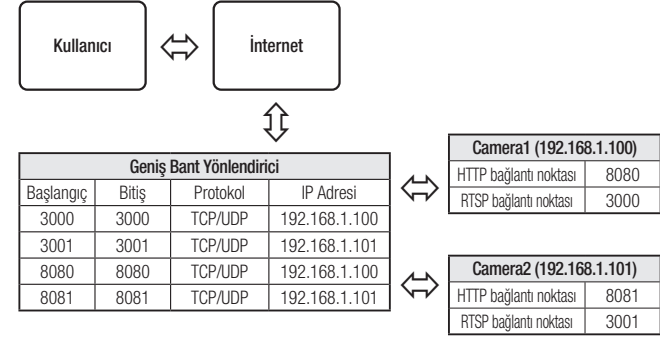


- Port yönlendirme ayarı, CISCO IP yönlendirici ayarına bir örnektir.
- Ayarlar, bağlı Geniş Bant yönlendiricisinin modeline göre farklılık gösterebilir.
Daha ayrıntılı bilgi için, geçerli yönlendiricinin kullanım kılavuzuna bakın.

Farklı 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 **<Wisenet 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 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>

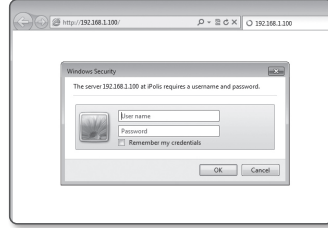


■ Wisenet DDNS kullanmak için, Wisenet DDNS ana sayfasında (<http://ddns.hanwha-security.com>) kaydolun ve ürünü **[DDNS Ayarlanm]**>**[Ürün Kaydı]** seçeneği altında kaydedin.

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 aygıtı erişmeye çalıştığınızda değişen IP'yi kolayca kontrol edebilirsiniz.

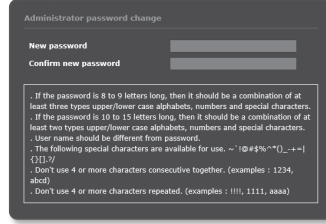
Cihazınızı <DDNS> sunucusuna kaydetmek için <http://ddns.hanwha-security.com> adresini ziyaret edin ve öncelikle cihazınızın kaydını yapın ve sonra Ağ Görüntüleyici'yi <Ağ> - <DDNS> <Wisenet DDNS> olarak ayarlayın ve DDNS kaydı için kullanılan <Ürün Kimliği> girin.

ŞİFRE AYARI

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



- 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.



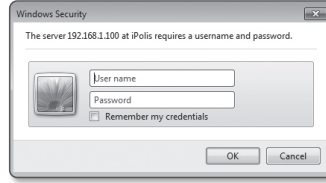
OTURUM AÇMA

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.



- Kameranin 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.
- Ekrani boyutu %100 olduğunda en iyi video kalitesine sahip olursunuz. Oran düşürüldüğünde, görüntü kenarlardan kesilebilir.

KAMERA WEB GÖRÜNTÜLEYİCİSİ KURULUMU

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

SORUN GİDERME

SORUN	ÇÖZÜM
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 görüntülememeye 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 yapılandırıldığını kontrol edin.
İzleme sırasında İzleyici bağlantısı kopuyor.	- Bağlı İzleyicilerin bağlantısı, kamerada ya da ağ yapılandırmasında yapılan değişikliklerle kopar. - Bütün ağ bağlantılarını kontrol ediniz. - Eğer kamera bir PPPoE ağına bağlıysa, İzleyicinin bağlantısının kopması kötü ağ koşullarından kaynaklanıyor olabilir.
Webviewer'a yeni erişildiğinde veya istemciye akış bağlantısı yapıldığında video görüntülenmez.	Kullanılabilir maksimum profil sayısı 3'tür. 4 veya daha fazla profil kullanırsanız bağlantı kesilebilir. Örnek) MJPEG, H264 ve H265 profili ile erişerseniz ve ardından farklı bir profil ile erişerseniz bağlantı kesilir.
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
<Hareket Algılama> özelliği, <Olay> sayfasında <Etkinleştirin> olarak ayarlanmışken bir hareket algılama olayı oluşturulsa bile dosya e-posta ile aktarılmaz.	- 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.
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 <Ayarlar> → <Olay> → <Depolama> menüsünde bellek kartını tekrar biçimlendirin.
NAS'a kaydedilemiyor.	NAS'a kaydedilen bilginin doğru olduğunu doğrulayın.
NAS ayarının başansız 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	
zeroconf	GPL 2.0	

LGPL SW

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

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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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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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