

AĞ KAMERASI

Kullanım Kılavuzu

QND-8010R/8020R/8030R/8080R
QNV-8010R/8020R/8030R/8080R
QNO-8010R/8020R/8030R/8080R

Ağ Kamerası

Kullanım Kılavuzu

Telif hakkı

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Ticari marka

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

Kısıtlama

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

Sorumluluk Reddi

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

❖ Tasarım ve spesifikasyonlar önceden bildirim yapılmadan değiştirilebilir.

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

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

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

ÖNEMLİ GÜVENLİK YÖNERGELERİ

1. Bu yönergeleri okuyun.
2. Bu yönergeleri saklayın.
3. Uyarıları dikkate alın.
4. Yönergeyi takip edin.
5. Bu cihazı suyun yakınında kullanmayın.
6. Ürün yüzeyinde kirlenen alanı, yumuşak kuru veya nemli bir bezle silin. (Ürünün şeklini bozabilecek veya hasar verebilecek, alkol, solventler veya surfaktanlar içeren deterjan veya kozmetik ürünler kullanmayın)
7. Havalandırma deliklerini kapatmayın. Üreticinin talimatlarına göre kurun.
8. Radyatör, ısı aygıtları gibi ısı kaynaklarının veya (amplifikatörler dahil) ısı üreten diğer cihazların yanına 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 sağlanmıştır. Verilen fiş prizinize uymuyorsa tam uyan bir prize değiştirmek için elektrikçiyle görüşün.
10. Özellikle fişlerde, priz yuvalarında ve üründen çıkan uçlarda sıkışan veya yürüyüş yolu üzerinde olan güç kablolarını koruyun.
11. Yalnızca üretici tarafından belirtilen ekleri/ aksesuarları kullanın.
12. Yalnızca üretici tarafından belirtilen veya cihazla birlikte satılan tekerlekli taşıma sehpası, kamera ayağı, üç ayaklı sehpa, diresek veya masa kullanın. Tekerlekli taşıma sehpası kullanıldığında, devrilmekten kaynaklanabilecek yaralanmalardan kaçınmak için sehpa/cihaz kombinasyonunu dikkatli taşıyın.
13. Fırtına sırasında veya uzun süre kullanılmadan bırakıldığında bu cihazı prizden çıkartın.
14. Bütün servis işlemlerini yetkili servis personeline bildirin. Güç kaynağı kordonu veya fişin zarar görmesi, sıvının dökülmesi veya cihazın içine nesne düşmesi, cihazın yağmura veya neme maruz kalması, normal çalışmaması veya düşmesi gibi herhangi bir şekilde cihaz hasar gördüğünde servis gereklidir.
15. Bu ürünün "Class2" veya "LPS" olarak işaretlenmiş bir Listelenmiş Güç Kaynağı Ünitesi olması ve PoE(48V), 0,16A olarak derecelendirilmesi amaçlanmıştır. (QNO-8010R/8020R/8030R)
16. Bu ürünün "Class2" veya "LPS" olarak işaretlenmiş bir Listelenmiş Güç Kaynağı Ünitesi olması ve PoE(48V), 0,2A olarak derecelendirilmesi amaçlanmıştır. (QNO-8080R)
17. Bu ürünün "Class2" veya "LPS" olarak işaretlenmiş bir Listelenmiş Güç Kaynağı Ünitesi olması ve PoE(48V), 0,14A olarak derecelendirilmesi amaçlanmıştır. (QND-8020R/8030R)
18. Bu ürünün "Class2" veya "LPS" olarak işaretlenmiş bir Listelenmiş Güç Kaynağı Ünitesi olması ve PoE(48V), 0,15A olarak derecelendirilmesi amaçlanmıştır. (QNV-8020R/8030R)
19. Bu ürünün "Class2" veya "LPS" olarak işaretlenmiş bir Listelenmiş Güç Kaynağı Ünitesi olması ve PoE(48V), 0,16A olarak derecelendirilmesi amaçlanmıştır. (QND-8010R/QNV-8010R)
20. Bu ürünün "Class2" veya "LPS" olarak işaretlenmiş bir Listelenmiş Güç Kaynağı Ünitesi olması ve PoE(48V), 0,19A olarak derecelendirilmesi amaçlanmıştır. (QND-8080R/QNV-8080R)
21. Bu ürünün ısıtım gücüyle beslenmesi amaçlanmıştır.
22. Ürünü kurarken aşırı güç kullanırsanız, kamera hasar görebilir ve arıza yapabilir. Uyumsuz aletler kullanarak ürünü zorla yüklerseniz, ürün hasar görebilir.
23. 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.



24. Ürünü kurarken, ürün yüzeyinin kimyasal madde ile lekelenmesine izin vermemeye dikkat edin. Temizleyici veya yapıştırıcı gibi bazı kimyasal solventler ürünün yüzeyine ciddi hasar verebilir.
25. Ürünü tavsiye edildiği şekilde kurmazsanız/kaldırmazsanız, üretim işlevleri/performans garantisi edilemez. Kullanıcı kılavuzundaki "Kurulum ve Bağlantı" bölümüne bakarak ürünü kurun.
26. Ürünü su içinde kurulması veya kullanılması ürüne ciddi zararlar verebilir.
27. Hızlı sıcaklık değişimleri domun içinde buzlanmaya neden olabilece de, videoda sorun yaşanmayacaktır.

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.
Pil değiştirilemez.

CIHAZIN BAĞLANTISINI KESME

Anzalanması 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 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.

UYARI

IR LED,'in yol açabileceği hasarlardan kaçınmak için çalışır durumdaki lambaya bakmayın.

Yalnızca aşağıdaki modeller için.

QND-8010R/8020R/8030R/8080R

QNV-8010R/8020R/8030R/8080R

QNO-8010R/8020R/8030R/8080R

Risk Grubu 1
UYARI Bu ürün kızılötesi (IR) ışınım yapar. Çalışır durumdaki lambaya bakmayın.
Ürün, IEC 62471 uyarınca test edilmiştir

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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 10.12, 10.13, 10.14
 - Önerilen tarayıcı : Google Chrome
 - Desteklenen Tarayıcılar : MS Explore11, MS Edge, Mozilla Firefox(sadece Window 64bit), Apple Safari(sadece Mac OS X)
 - VGA : PCIe 256MB GDDR3 video grafik kart veya daha üstü
- ※ Doğrulanmış OS ve tarayıcılarla ilgili ayrıntılı bilgi için lütfen eke bakın.

TAVSİYE EDİLEN MICRO SD/SDHC/SDXC BELLEK KARTİ ÖZELLİK

- Önerilen kapasite: 16 GB ila 128 GB (MLC tipi)
- Önerilen Üreticiler : SanDisk, Transcend
- Ürün Tipi : Yüksek dayanıklılık
- Uyumluluk, kart üreticilerine ve tiplerine bağlı olarak değişir.

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.

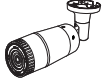
Önerilen ürünler	Mevcut boyutlar
QNAP NAS	Eşzamanlı olarak en fazla 16 kamera erişebilir.
Synology NAS	Eşzamanlı olarak en fazla 16 kamera erişebilir.



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

DAHİL OLANLAR

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-8010R/8020R/ 8030R/8080R
		1		QNO-8010R/8020R/ 8030R/8080R
		1		QNV-8010R/8020R/ 8030R/8080R
	Hızlı Kullanma Kılavuzu (İsteğe bağlı)	1		QND-8010R/8020R/ 8030R/8080R, QNV-8010R/8020R/ 8030R/8080R, QNO-8010R/8020R/ 8030R/8080R
	Şablon	1	Ürün montaj rehberi	QND-8010R/8020R/ 8030R/8080R, QNV-8010R/8020R/ 8030R/8080R, QNO-8010R/8020R/ 8030R/8080R
	Allen Anahtarı	1	Kameranın yönünü kontrol etmek için kullanılır	QNO-8010R/8020R/ 8030R/8080R,
	L Anahtar (yıldız biçimli)	1	Dome kapağını çıkarmak ve değiştirmek için kullanılır	QNV-8010R/8020R/ 8030R/8080R,

Görünüm	Öge Adı	Adet	Açıklama	Model Adı
	Alarm kablosu	1	Bir alarmla bağlanırken kullanılır	QND-8010R/8020R/ 8030R/8080R
	Alarm kablosu	1	Bir alarmla bağlanırken kullanılır	QNV-8010R/8020R/ 8030R/8080R
	RJ45 su geçirmezlik aksesuarı	1	Nemli yerlerde kurulum yapmak için kullanılır	QNO-8010R/8020R/ 8030R/8080R
	Güneşlik	1	Kamerayı direkt güneş ışığından korur.	QNO-8010R/8020R/ 8030R/8080R
	Güneşlik sabitleme vidası	1	Güneşliği kameraya sabitler.	QNO-8010R/8020R/ 8030R/8080R
	Monitör test kablosu	1	Kameranın taşınabilir bir görüntü cihazına bağlantısını test etmek için kullanılır	QND-8010R/8020R/ 8030R/8080R, QNV-8010R/8020R/ 8030R/8080R, QNO-8010R/8020R/ 8030R/8080R
	Kablo burcu	1	LAN kablosu bağlamak için kullanılır.	QNV-8010R/8020R/ 8030R/8080R
	Üst Kapak Kurulum Aparatı	1		
	Makine Vidaları	2	Kameranızı montaj askısına monte etmek için kullanılan vidalar, Alet Kutusu vb.	QND-8010R/8020R/ 8030R/8080R

Kurulum için İsteğe Bağlı Aksesuarlar

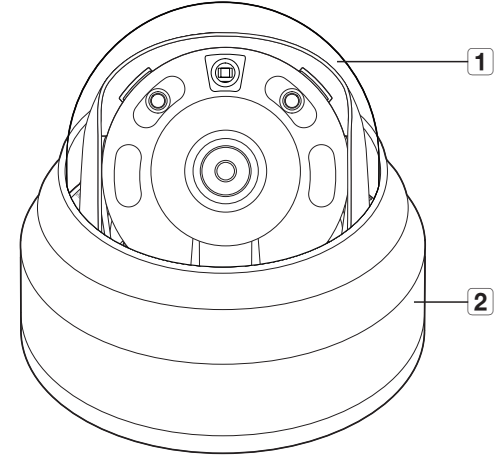
Kurulumu daha kolay gerçekleştirmek için, mevcut olan isteğe bağlı uygun aksesuarları satın alabilirsiniz.



Model Adı	Askı Montaj	Arka Kutu	Direğe Montaj	Tümü
QNV-8010R/8020R/8030R	SBP-122HMMW	SBV-120GW		SBP-300LMW (Parapet Montajı)
QNV-8080R	SBP-301HMMW2	SBV-136BW		SBP-300CMW (Tavana Montajı)
QND-8010R/8020R/8030R	SBP-300HMMW7			SBP-300VMW1 (Duvara Montajı)
QND-8080R	SBP-122HMMW			SBP-300NBW (Montaj Kutusu)
QNO-8010R/8020R/ 8030R/8080R		SBO-100B1	SBP-302PM	SBP-300PMW (Direğe Montajı)
QNO-8080R		SBO-126B		SBP-300KMW (Köşeye Montajı)

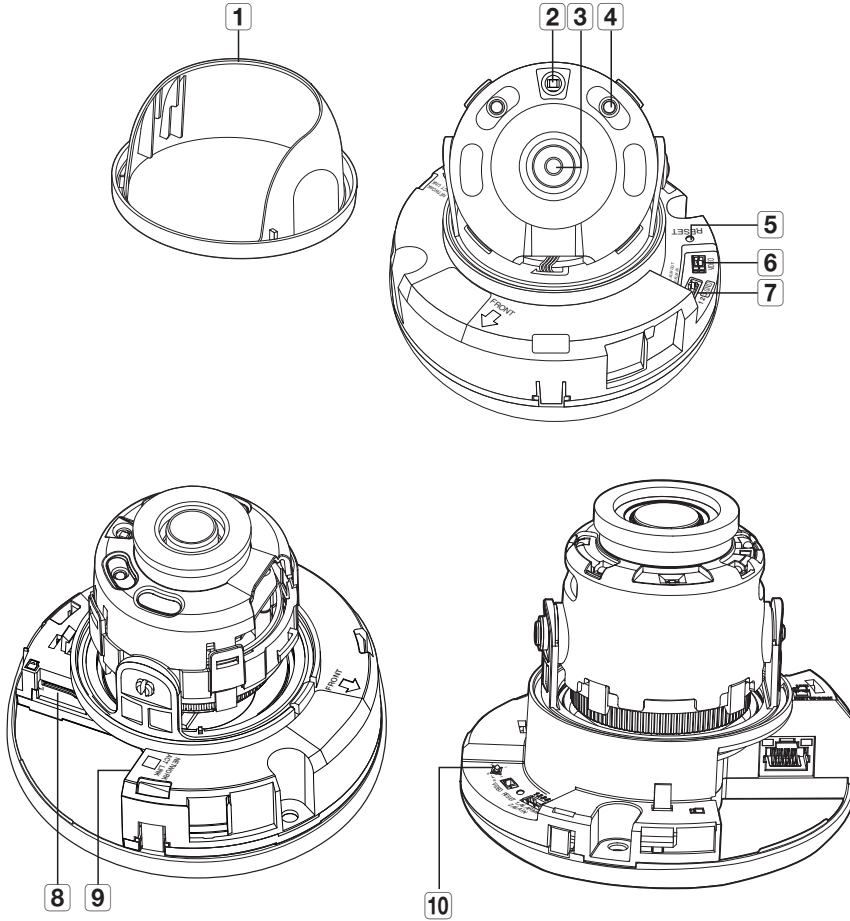
İLK BAKIŞ (QND-8010R/8020R/8030R/8080R)

Görünüm



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

Ek Cihazlar

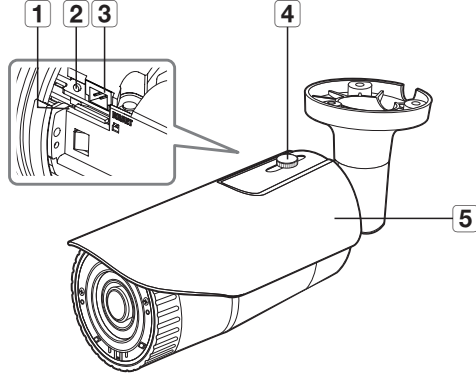


<QND-8080R>

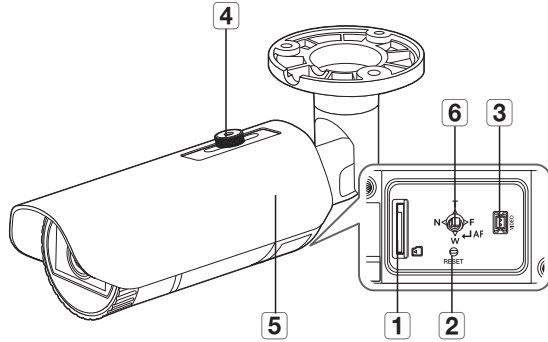
Madde		Açıklama	
1	İç kapak	Ana gövde için koruyucu kapak.	
2	Aydınlatma Sensörü	IR LED'i kontrol etmek için gelen ışığı algılar.	
3	Mercek	Kamera Lensi.	
4	IR LED'i	Bu kızılötesi LED'ler aydınlatma sensörü tarafından kontrol edilir. (LED ampullerin sayısı modele bağlı olarak değişir.)	
5	Reset Düğmesi	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	Test Monitörü Çıkışı	Video çıkışı izlemesinin test edilmesi için çıkış portu. Mobil ekrana bağlanmak için test monitörü kablosunu kullanın ve test videosunu kontrol edin.	
7	Alarm I/O Bağlantı Noktası	ARM-OUT	Alarm çıkış sinyalini bağlamak için kullanılır.
		ARM-IN	Alarm giriş sensörünü veya harici gündüz/gece sensörünü bağlamak için kullanılır.
		GND	Alarm giriş/çıkış sinyallerinin bağlandığı ortak portlardır.
8	Micro SD Bellek Kartı Bölmesi	Micro SD bellek kartı için bölme.	
9	PoE Konektörü	Bir Ethernet kablosu üzerinden ağa bağlanır ve güç sağlar.	
10	Yakınlaştırma/Odak Kontrol Düğmesi	T	Yakınlaştır (Tele)
		W	Uzaklaştır (Geniş)
		N	Yakındaki bir nesneye odaklanma (Yakın)
		F	Uzak bir nesneye odaklanma (Uzak)
		Odak Kontrolü	Otomatik odak kontrolü için bu düğmeye basın.

İLK BAKIŞ (QNO-8010R/8020R/8030R/8080R)

Görünüm

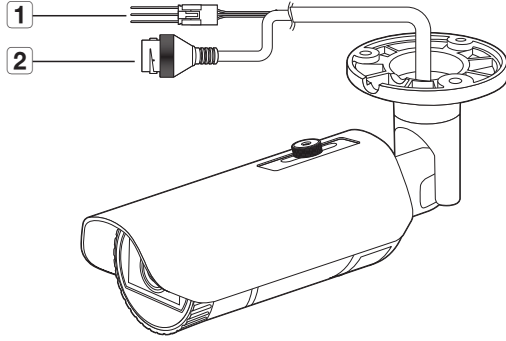


<QNO-8010R/8020R/8030R>



<QNO-8080R>

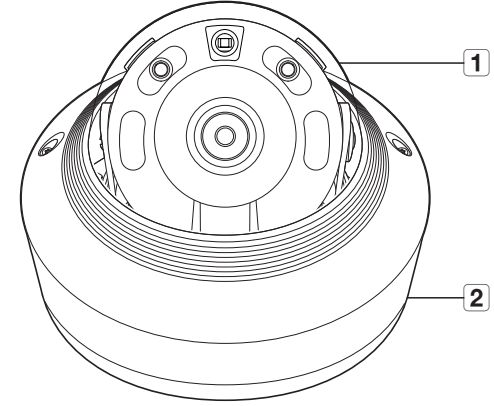
Madde	Açıklama	
1 Micro SD kart yuvası	(Ürünün içindeki boşluk) Bu, bir Micro SD kart takabileceğiniz bir yuvadır.	
2 Reset Düğmesi	Düğme, tüm kamera ayarlarını fabrika varsayılan ayarlarına geri döndürür. Sistemi yeniden başlatmak için yaklaşık 5 saniye basılı tutun. 1 Kamerayı sıfırlarsanız, DHCP'nin 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.	
3 Test Monitörü Çıkışı	Video çıkışı izlemesinin test edilmesi için çıkış portu. Mobil ekrana bağlanmak için test monitörü kablosunu kullanın ve test videosunu kontrol edin.	
4 Güneşlik sabitleme vidası	Güneşliği kameraya sabitler.	
5 Güneşlik	Kamerayı direkt güneş ışığından korur.	
6 Yakınlaştırma/Odak Kontrol Düğmesi	T	Yakınlaştır (Tele)
	W	Uzaklaştır (Geniş)
	N	Yakındaki bir nesneye odaklanma (Yakın)
	F	Uzak bir nesneye odaklanma (Uzak)
	Odak Kontrolü	Otomatik odak kontrolü için bu düğmeye basın.



Madde	Açıklama	
1 Alarm I/O Bağlantı Noktası	ARM-OUT	Alarm çıkış sinyalini bağlamak için kullanılır.
	ARM-IN	Alarm giriş sensörünü veya harici gündüz/gece sensörünü bağlamak için kullanılır.
	GND	Alarm giriş/çıkış sinyallerinin bağlandığı ortak portlardır.
2 Ses Giriş Jaki	Bir mikrofona bağlanmak için kullanılır.	

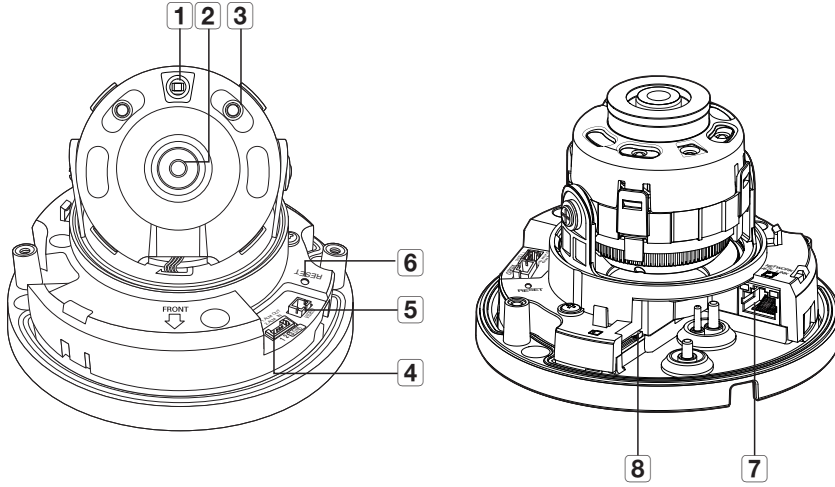
İLK BAKIŞ (QNV-8010R/8020R/8030R/8080R)

Görünüm

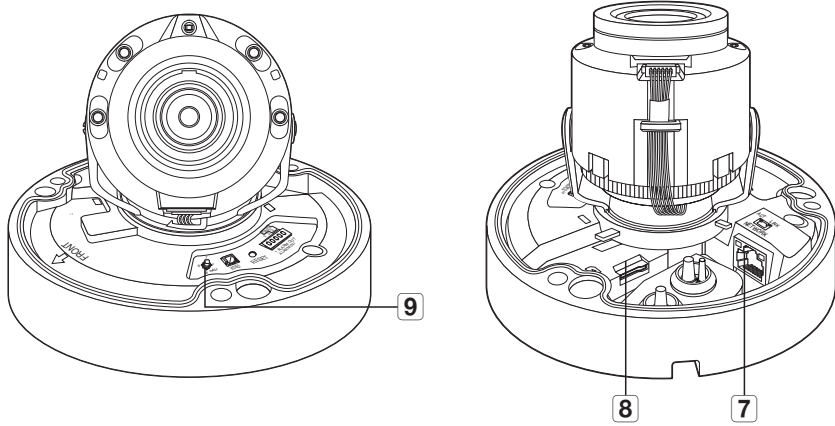


Madde	Açıklama	
1 Dome Kapağı	Mercek ve ana birimi korumakta kullanılan muhafaza kapağı.	
2 Kamera Muhafazası	Kamera gövdesini kapatan yuva bölümü.	

Ek Cihazlar



<QNV-8010R/8020R/8030R>



<QNV-8080R>

Madde	Açıklama	
1 Aydınlatma Sensörü	IR LED'i kontrol etmek için gelen ışığı algılar.	
2 Mercek	Kamera Lensi.	
3 IR LED'i	Bu kızılötesi LED'ler aydınlatma sensörü tarafından kontrol edilir. (LED ampullerin sayısı modele bağlı olarak değişir.)	
4 Alarm I/O Bağlantı Noktası	ARM-OUT	Alarm çıkış sinyalinin bağlamak için kullanılır.
	ARM-IN	Alarm giriş sensörünü veya harici gündüz/gece sensörünü bağlamak için kullanılır.
	GND	Alarm giriş/çıkış sinyallerinin bağlandığı ortak portlardır.
5 Test Monitörü Çıkışı	Video çıkışı izlemesinin test edilmesi için çıkış portu. Mobil ekrana bağlanmak için test monitörü kablосunu kullanın ve test videosunu kontrol edin.	
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7 PoE Konektörü	Bir Ethernet kablosu üzerinden ağa bağlanır ve güç sağlar.	
8 Micro SD Bellek Kartı Bölmesi	Micro SD bellek kartı için bölme.	
9 Yakınlaştırma/Odak Kontrol Düğmesi	T	Yakınlaştır (Tele)
	W	Uzaklaştır (Geniş)
	N	Yakındaki bir nesneye odaklanma (Yakın)
	F	Uzak bir nesneye odaklanma (Uzak)
	Odak Kontrolü	Otomatik odak kontrolü için bu düğmeye basın.

KURULUM (QND-8010R/8020R/8030R/8080R)

Kurulumdan Önce Alınması Gereken Önlemler

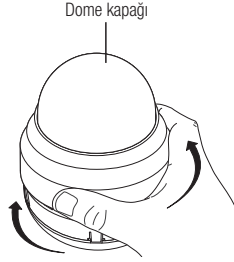
Kamerayı kurmadan önce aşağıdaki talimatları mutlaka okuyun:

- 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.

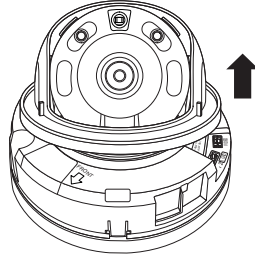
Sökme

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

- ! ■ Koriyucu filmi çıkardıktan sonra kubbe kapağının şeffaf kısmına dokunmayın.

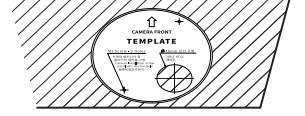


2. Çıkarmak için iç kapağı kaldırın.



Kurulum

1. İzlenecek yönü göz önünde bulundurun, şablonu takın ve şablona göre delikler açın.

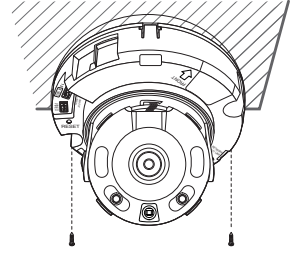


2. 2 adet kılavuz vidayı kullanarak kamerayı şablona delinen 2 adete sabitleyin.

- Kamerayla izleme yönünü öne getirmek için kamerada yazılı < ↑ > işaretini ayarlayın.

3. Kamera dahili terminalini ilgili kabloya bağlayın.

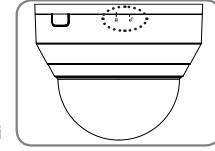
4. Merceği "Kameranın izleme yönünün ayarlanması" bölümüne bakarak istediğiniz yönde ayarlayın. (sayfa 17)



- ! ■ 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.

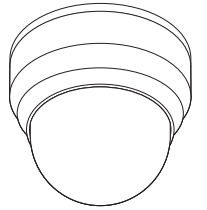
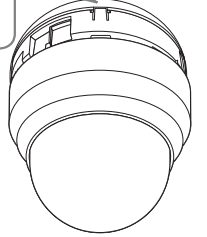
5. Lütfen iç kapağı ana gövdeye bağlayın.

6. Bir elinizle kamera tabanını tutarken diğer elinizi kapağı tutup itmek için kullanın.



- ! ■ Kubbe kapağını takarken, [A] ile tabandaki kılavuz çizgisini hizalayın ve kapağı yerine oturtmak için yeterli güç uygulayın. 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-8010R/8020R/8030R/8080R)



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

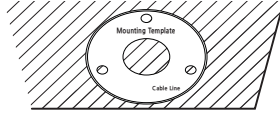
Kurulumdan Önce Alınması Gereken Önlemler

Kamerayı kurmadan önce ařaęıdaki talimatları mutlaka okuyun:

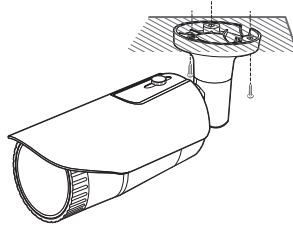
- Montaj braketi de dahil olmak üzere kameranın aęırlığının 5 katı aęırlığa dayanabilecek bir alana (tavan veya duvar) monte edilmelidir.
- Sıkıştırılmış veya soyulmuş kablolar hasara neden olabilir veya yangın çıkarabilir.
- Güvenlik açısından, kurulum alanında kimsenin bulunmamasını saęlayın. Her ihtimale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

Kurulum

1. İzlenecek yönü göz önünde bulundurun, řablonu takın ve řablona göre delikler aın.



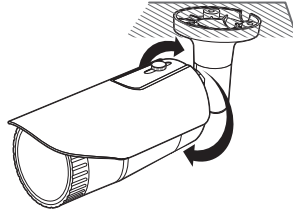
2. Kamerayı sabitlemek için 3 adet kılavuz vidayı 3 adet delięe yerleřtirip sıkın.
3. İlgili kablolar kamera terminallerine baęlayın.



4. Birlikte verilen L anahtarı kullanarak kameranın yönünü ayarlayın.

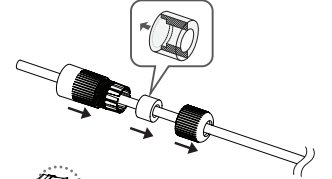


- Kamera konumunu bir destek kullanarak ayarlarken, destek vidasını gevřetin, kamerayı ayarlayın ve vidayı sıkın. Vida sıkılmış durumdayken güç uygulayarak ayarlamaya kalkışmanız durumunda, gızılme veya bařka sorunlar oluşabilir.

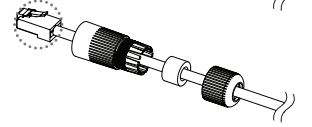


RJ45 su geçirmez kabloyu LAN kablosuna baęlama

1. Ok yönünde yerleřtirin.



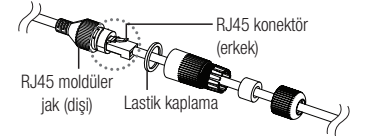
2. LAN konektörünü (erkek) kabloya baęlayın.



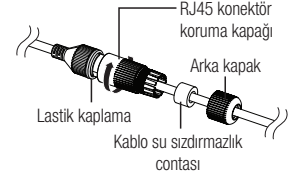
3. RJ45 modüler jakı (diři) RJ45 konektöre (erkek) baęlayın.



- Lütfen paraları birbirinden ayrı tutun.



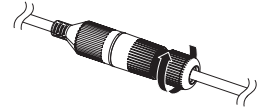
4. RJ45 modüler jakı (diři) ve RJ45 koruma kapaęını saat yönünde döndürerek monte edin (Oku izleyin).



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



- Arka kapaęı 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.

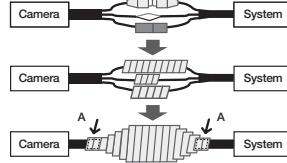
1. PoE kablolarına bağlayın.

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-8010R/8020R/8030R/8080R)



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

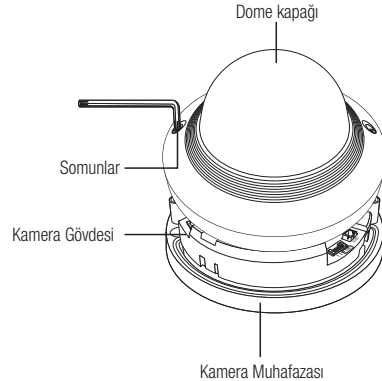
Kurulumdan Önce Alınması Gereken Önlemler

Kamerayı kurmadan önce aşağıdaki talimatları mutlaka okuyun:

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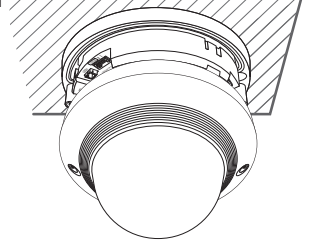
Sökme

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



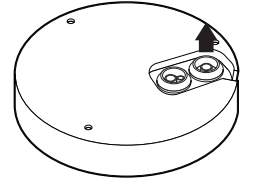
Kurulum

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 “Kameranin 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.

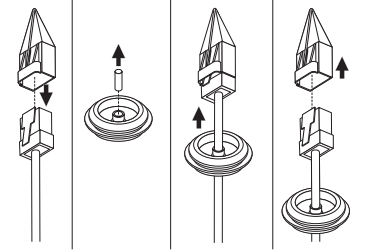


LAN kablusunun bağlanması

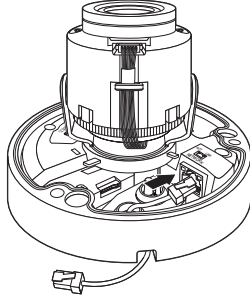
1. Dome kapağını ve muhafazayı sökün.
2. Alt kısımdaki kablo burcunu şekilde gösterildiği gibi çekip çıkarın.
 - Bağlanacak LAN kablusu için uygun bir kablo burcu kullanın.
 - Temel kamera: Ø5~6.5 çapında kablo kullanın.



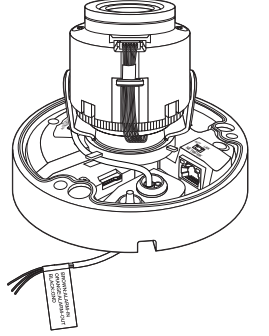
3. Temin edilen 1 delikli kablo burcunun dışarı çıkmış parçasını çekerek koparın.
4. LAN kablusunu kablo burcundan geçirmek için kapak montaj parçasını kullanın.



5. LAN kablосunu, 2. adımda kablo burcu çıkarıldıktan sonra oluşan delikten geçirin ve kabloyu ethernet terminaline bağlayın.
6. LAN kablосunun burcunu deliğe yerleştirin.

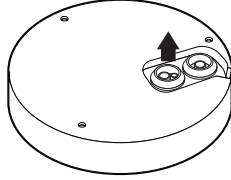


4. Kamerayı monte ederken, kabloların hasar görmesini veya sıkışmasını önlemek için onları sabit kancaya asın.
5. Alarm kablolarının burcunu deliğe yerleştirin.
6. Merceği "**Kameranın izleme yönünün ayarlanması**" bölümüne bakarak istediğiniz yönde ayarlayın. (sayfa 17)
7. Dome kapağını takın.

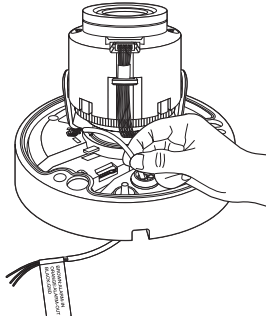


Alarm kablосunun takılması

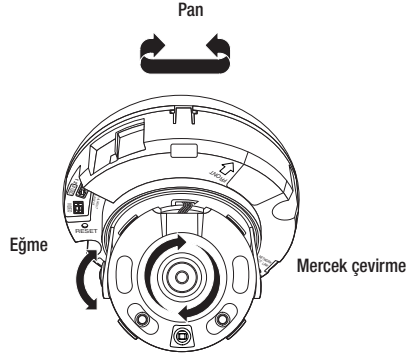
1. Dome kapağını ve muhafazayı sökün.
2. Alt kısımdaki kablo burcunu şekilde gösterildiği gibi çekip çıkarın.



3. Alarm kablосunu 2. adımda kablo burcunun çıkarıldığı delikten geçirin ve PCB'nin terminal blokuna bağlayın.



Kameranın izleme yönünün ayarlanması (QND-8010R/8020R/8030R/8080R, QNV-8010R/8020R/8030R/8080R)



İzleme yönünün ayarlanması

Kamera yönünü sadece kamera tavanda sabitken ayarlayabilirsiniz. Burada kameranın sağ veya sola çevrilmesine Pan, eğimin ayarlanmasına Eğim ve merceğin eksenine 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

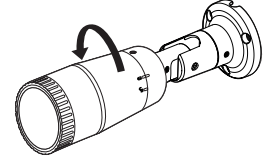
1. Kameranın kurulmasından sonra pan açısını izleme yönünü dikkate alarak ayarlayın.
2. Görüntü ters olmayacak şekilde yatak açığı ayarlayın.
3. Eğim açısını, kamera izlenen nesneye dönecek şekilde ayarlayın.

MİCRO SD BELLEK KARTININ TAKILMASI/ÇIKARILMASI

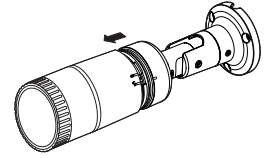
- ! Micro SD bellek kartını takmadan önce güç kablosunu kameradan çıkartın.
- Micro SD bellek kartını ters tutarak ve zorlayarak takmayın. Aksi takdirde Micro SD bellek kartı zarar görebilir.
- Micro SD kartın yağmur yağarken ya da nem yüksek olduğunda takılması veya çıkarılması önerilmez.
- Ürün kapağını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

Micro SD Bellek Kartının Takılması (QNO-8010R/8020R/8030R/8080R)

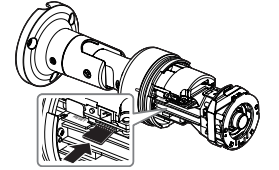
1. Ön kapağı KİLİT AÇ [🔓] yönünde döndürün.



2. Ön kapağı çekerek ayırın.

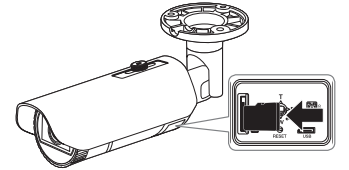


3. Micro SD kartı, şekilde gösterildiği gibi ok yönünde takın.



<QNO-8010R/8020R/8030R>

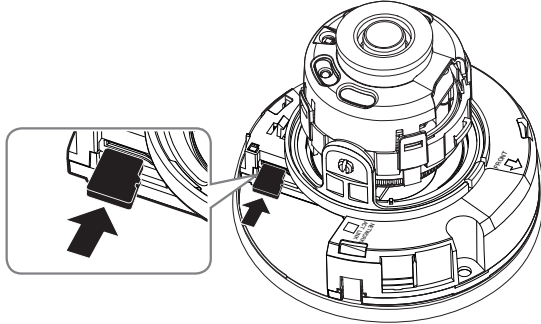
4. Kapak arayüzünü açın ve SD kartı okla gösterilen yönde yerleştirin.



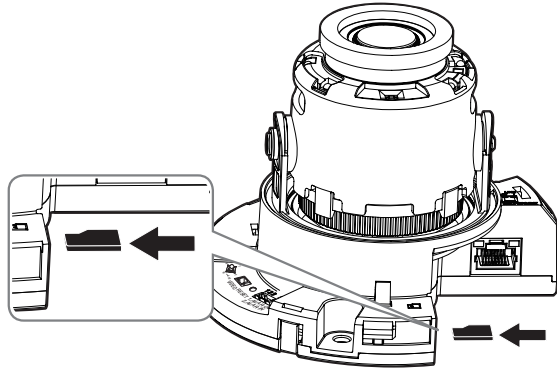
<QNO-8080R>

Micro SD Bellek Kartının Takılması (QND-8010R/8020R/8030R/8080R, QNV-8010R/8020R/8030R/8080R)

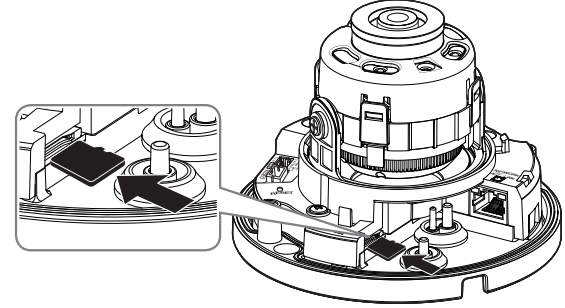
1. Kameranın Dome kapağını ayırın.
2. Micro SD kartı, şekilde gösterildiği gibi ok yönünde takın.



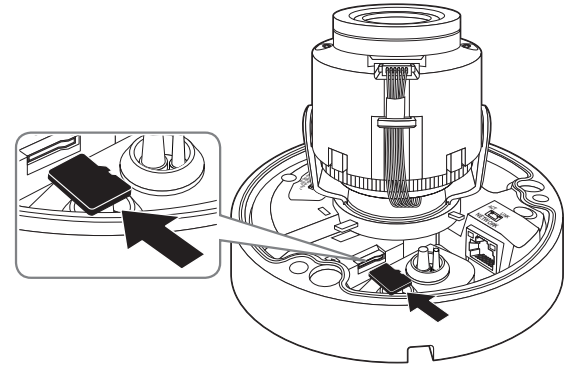
<QND-8010R/8020R/8030R>



<QND-8080R>



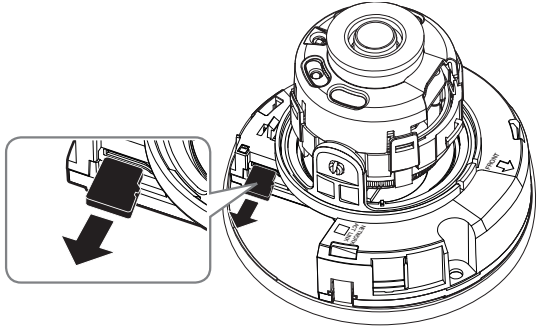
<QNV-8010R/8020R/8030R>



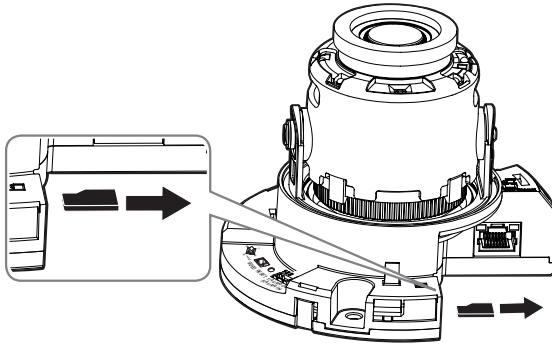
<QNV-8080R>

Micro SD Bellek Kartının Çıkarılması

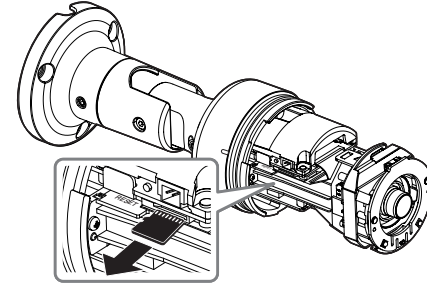
Hafıza kartını yuvasından çıkartmak için şemada gösterildiği gibi hafıza kartının açık tarafından yavaşça basın.



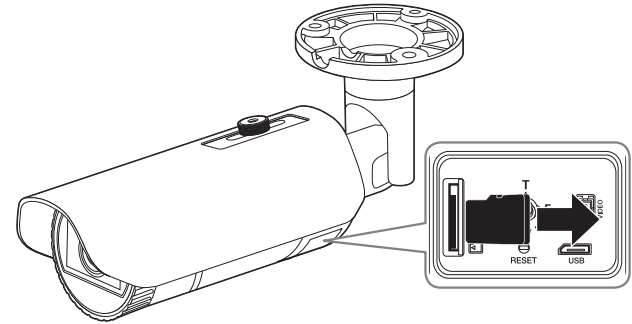
<QND-8010R/8020R/8030R>



<QND-8080R>



<QNO-8010R/8020R/8030R>



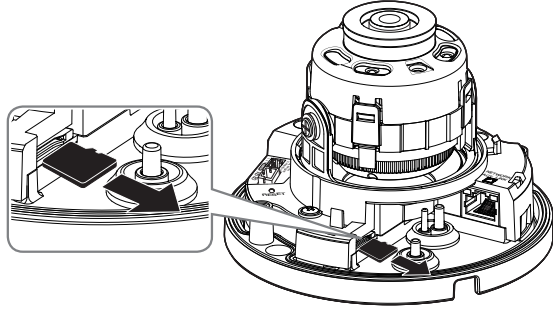
<QNO-8080R>

GÜÇ VE AĞ

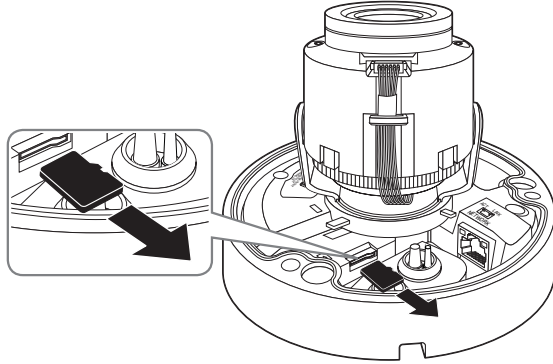
PoE cihazınızı kameraya bağlayın.



- PoE (Ethernet Üzerinden Güç) özelliği etkinleştirilmiş bir yönlendiricinin PoE konektörüne bağlayın.
- IEEE802.3af standardını destekleyen PoE (Ethernet Üzerinden Güç) ekipmanını kullanın.



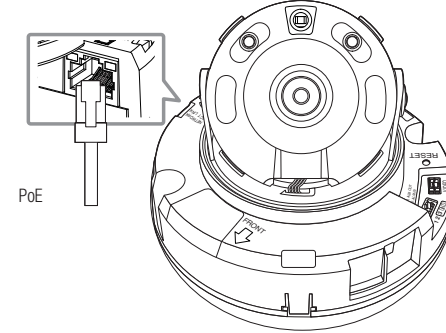
<QNV-8010R/8020R/8030R>



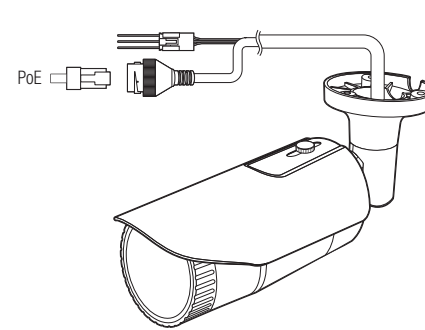
<QNV-8080R>



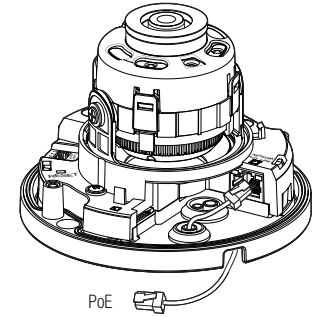
- Micro SD bellek kartına çok sert basılması, bırakıldığında kartın kontrol edilemeyen bir şekilde dışarı çıkmasına neden olabilir.
- Micro SD bellek kartını çıkartmadan önce, <Depolama> alanında, cihazı <Kapalı> duruma getirin ve [Uygula] düğmesine basarak kamerayı kapatın.
- Fotoğraf makinesini kapatırsanız veya üründen veriler içeren Micro SD bellek kartını çıkarırsanız, veriler kaybolabilir veya hasar görebilir.



<QND-8010R/8020R/8030R>



<QNO-8010R/8020R/8030R>



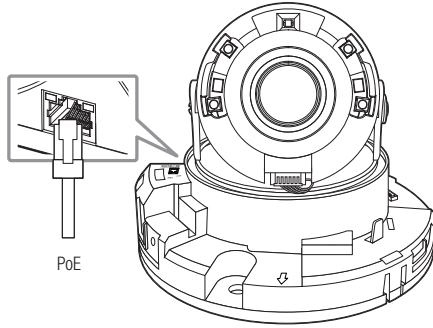
<QNV-8010R/8020R/8030R>

Ağ Kablosu Özellikleri

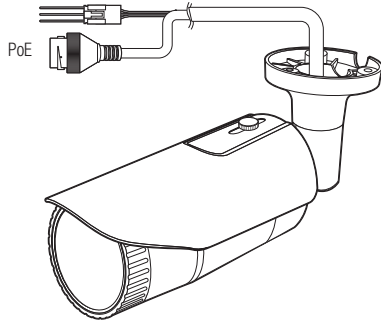
Öge	İçindekiler	İşaret
Konektör	RJ45	
Ethernet	10/100BASE-T	10/100 Mbps
Kablo	Kategori 5e	
Maks Mesafe	100M	DC Direnci $\leq 0.125 \Omega/m$
PoE Desteği	IEEE 802.3af	



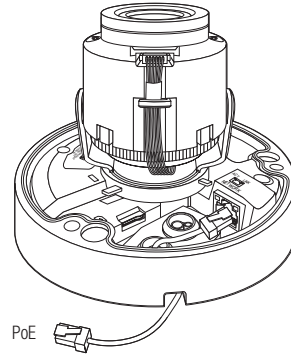
- Kategori 5e standartlarından farklı bir kablo kullanmanız halinde 100 m iletim mesafesi garanti edilmez.



<QND-8080R>



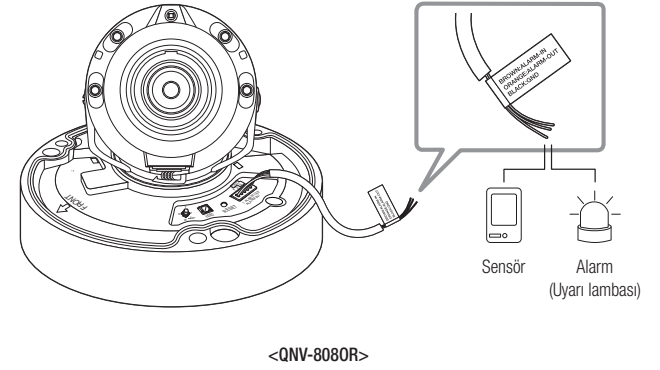
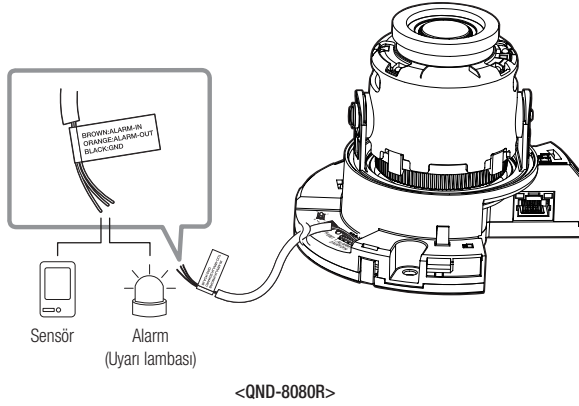
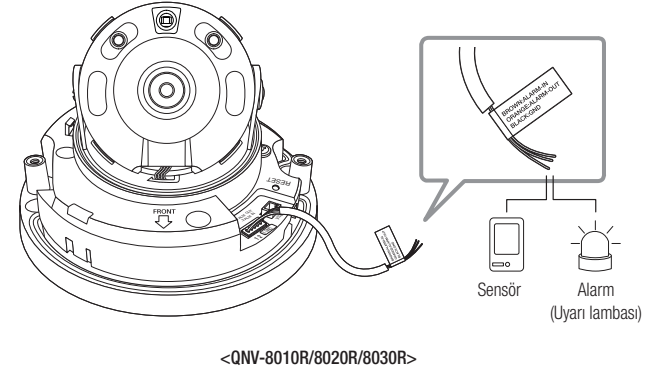
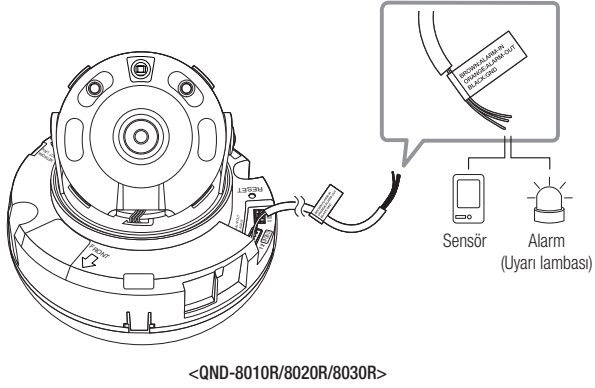
<QNO-8080R>

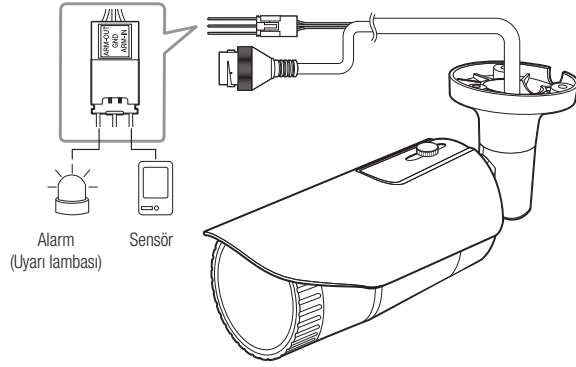


<QNV-8080R>

I/O bağlantı kutusuna bağlama

Alarm G/Ç kablosunu yuva kutusunun ilgili yuvasına bağlayın.





<QNO-8010R/8020R/8030R/8080R>

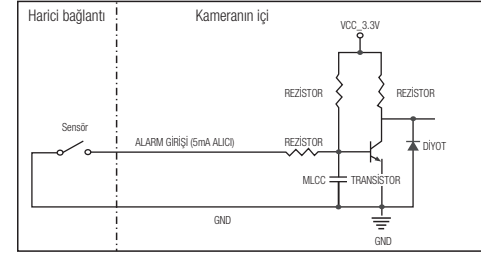
- ALARM-IN : Alarm giriş sensörünü veya harici gündüz/gece sensörünü bağlamak için kullanılır.
- ALARM-OUT : Alarm çıkış sinyalini bağlamak için kullanılır.
- GND : Alarm giriş/çıkış sinyali için ortak bağlantı noktası.

■ 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.

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

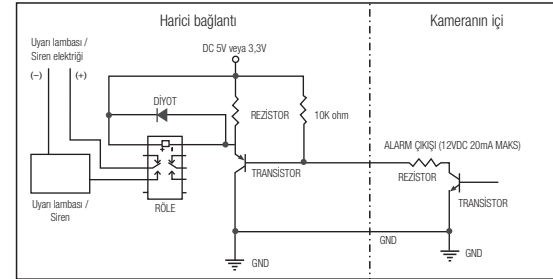


Alarmı dışarıya bağlamak için

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

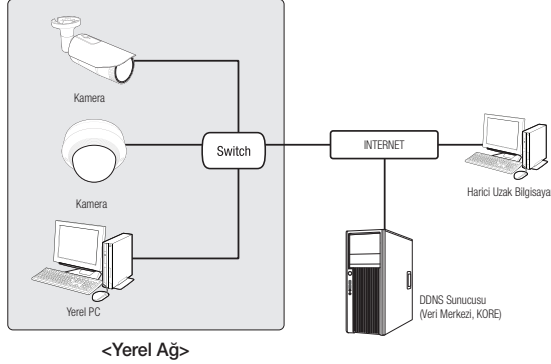


Ağ ayarlarınızı ağ yapılandırmanıza göre ayarlayabilirsiniz.

KAMERAYI DOĞRUDAN YEREL ALAN AĞINA BAĞLAMAK

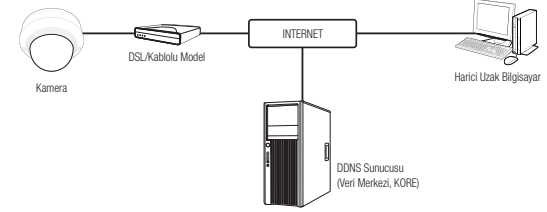
Kameraya Lan Üzerinde Yerel Bir Pc'den Bağlanmak

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.

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.

1. Device Manager'ın ana sayfasındaki <Ara> seçeneğine tıklayın.
2. 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.

1. Listeden IP ayarını değiştirmek istediğiniz kameraya tıklayın.
2. Device Manager'ın ana sayfasındaki <IP Assign (IP Atama)> seçeneğine tıklayın.
3. <Takip eden IP adresi ata> seçimini yapın.
 - Kameranın IP bilgileri önceden ayarlandığı gibi görüntülenecektir.
4. 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.
- 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	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
	RTSP Port	554	555



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

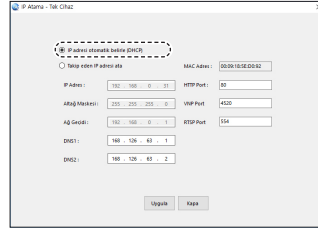
5. [Uygula] Düğmesine tıklayın.
6. Başarılı mesajı görüntülenirse, [Tamam] seçeneğine tıklayın.

Dinamik IP'yi Yapılandırma

DHCP'den IP adresini alın

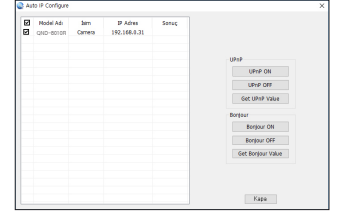
- Dinamik IP ortamı örneği
 - Kameraların bağlı olduğu bir Geniş Bant yönlendiricisine DHCP sunucusu tarafından bir IP adresi atanmışsa
 - Kamera, DHCP protokolleri kullanılarak doğrudan modeme bağlanıyorsa
 - IP'ler LAN aracılığıyla dahili DHCP sunucusu tarafından atanmışsa

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



IP'YI OTOMATİK OLARAK YAPILANDIRMA

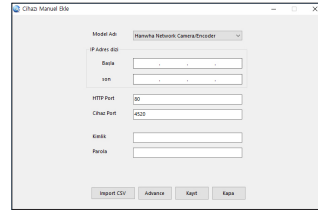
1. Listedeki IP'sini otomatik olarak yapılandırmak istediğiniz kameraya tıklayın.
2. Device Manager'ın ana sayfasındaki < + > seçeneğine tıklayın.
 - Ekipman Ayarı menüsü görünür.
3. Menüde <Auto IP Configure (Oto IP Yapılandır)> seçeneğine tıklayın.
4. [Kapa] düğmesine tıklayın.



KAMERAYI MANUEL OLARAK KAYDETME

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

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

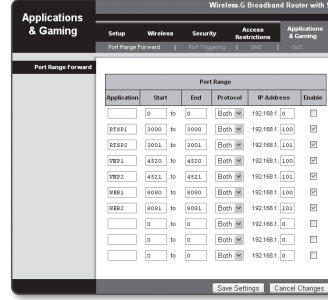


BAĞLANTI NOKTASI ARALIĞI AKTARIM (BAĞLANTI NOKTASI EŞLEME) AYARI

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.

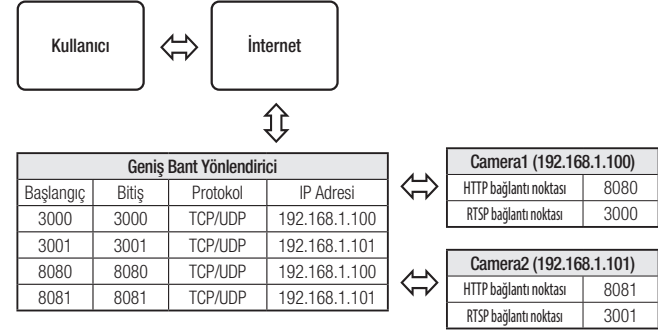


- Port yönlendirme ayarı, CISCO IP yönlendirici ayarına bir örnektir.
- Ayarlar, bağlı Geniş Bant yönlendiricisinin modeline göre farklılık gösterebilir.
Daha ayrıntılı bilgi için, geçerli yönlendiricinin kullanım kılavuzuna bakın.

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 **<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>

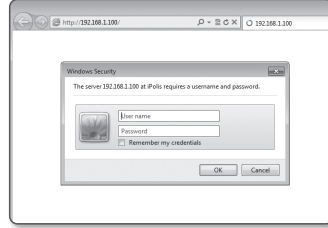


- DDNS kullanmak için, DDNS ana sayfasında (<http://ddns.hanwha-security.com>) kaydolun ve ürünü **[DDNS Ayarlarını]>[Ürün Kaydı]** seçeneği altında kaydedin.

KAMERAYA BAĞLAMA

Normal koşullar altında aşağıdakileri yapmanız gerekir

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



HTTP bağlantı noktası 80 dışında bir değer ise

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

URL adresinin kullanılması

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



■ Yalnızca LAN ortamında ağ bağlantısı devre dışı bırakılır.

UPnP üzerinden bağlanma

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

Bonjour üzerinden Bağlanma

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

DDNS adresinin kontrol edilmesi

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

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

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

ŞİFRE AYARI

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



- 8 ile 9 haneli yeni bir şifrede, şunlardan en az üçünü kullanmanız gerekir: büyük/küçük harfler, sayılar ve özel karakterler. 10 ile 15 haneli bir şifrede, yukarıda belirtilen türlerden en az ikisini kullanmanız gerekir.
 - İzin verilen özel karakterler: ~!@#\$%^&*()_+=|[];?/
- Daha üst seviyede güvenlik için şifrelerinizde aynı karakterlerin veya ardışık klavye girişlerinin tekrarlanmaması önerilir.
- Şifrenizi kaybettiyse, ürünü sıfırlamak için **[RESET]** düğmesine basabilirsiniz. Bir deftere not ederek ya da ezberleyerek şifrenizi kaybetmeyin.

Administrator password change

New password:

Confirm new password:

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

OTURUM AÇMA

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

- <User name>** giriş kutusuna **"admin"** yazın.
Yönetici kimliği olan **"admin"** sabittir ve değiştirilemez.
- Şifreyi **<Password>** giriş alanına girin.
- [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.

Windows Security

The server 192.168.1.100 at iPolis requires a username and password.

User name:

Password:

☐ Remember my credentials

OK Cancel

KAMERA WEB GÖRÜNTÜLEYİCİSİ KURULUMU

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

SORUN GİDERME

SORUN	ÇÖZÜM
Bir Windows 10 kullanıcısı Chrome veya Firefox aracılığıyla web görüntüleyiciye eriştiğinde, mikrofonun 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 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.
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.

SORUN	ÇÖZÜM
Görüntü belirmiyor.	Eğer iletim yöntemi multicast olarak ayarlanmışsa, kameranın bağlandığı LAN üzerinde multicast destekleyen yönlendirici olup olmadığını kontrol edin.
Ses girişi ayarları yapılandırılmış olsa bile ses kaydedilemez.	<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: A. <Tarih ve Saat> ayarlarını kontrol edin. B. <Hareket Algılama> ögesi <Etkinleştirin> seçeneğine ayarlanmalıdır. C. <Olay Ayarı> menüsünün <E-posta> seçeneğinin kullanım 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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iperf performance test

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Jean-loup Gailly Mark Adler

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



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



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