

AĞ KAMERASI

Kullanım Kılavuzu

QND-6012R/6022R/6032R/6072R/6082R
QNV-6012R/6022R/6032R/6072R/6082R
QNO-6012R/6022R/6032R/6072R/6082R

Ağ Kamerası

Kullanım Kılavuzu

Telif hakkı

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Ticari marka

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

Kısıtlama

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

Sorumluluk Reddi

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

❖ Tasarım ve spesifikasyonlar önceden bildirim yapılmadan değiştirilebilir.

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

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

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

ÖNEMLİ GÜVENLİK YÖNERGELERİ

1. Bu yönergeleri okuyun.
2. Bu yönergeleri saklayın.
3. Uyarıları dikkate alın.
4. Yönergeyi takip edin.
5. Bu cihazı suyun yakınında kullanmayın.
6. Ürün yüzeyinde kirlenen alanı, yumuşak kuru veya nemli bir bezle silin. (Ürünün şeklini bozabilecek veya hasar verebilecek, alkol, solventler veya surfaktanlar içeren deterjan veya kozmetik ürünler kullanmayın)
7. Havalandırma deliklerini kapatmayın. Üreticinin talimatlarına göre kurun.
8. Radyatör, ısı aygıtı gibi ısı kaynaklarının veya (amplifikatörler dahil) ısı üreten diğer cihazların yayına koymayın.
9. Güvenlik amaçlı polarize veya topraklamalı tip fişi bozmayın. Polarize fiş, biri diğerinden daha geniş iki 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 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 ürünün "Class2" veya "LPS" olarak işaretlenmiş bir Listelenmiş Güç Kaynağı Ünitesi olması ve 12Vdc, 0,55A veya PoE(48V), 0,16A olarak derecelendirilmesi amaçlanmıştır. (QND-6072R/6082R, QNV-6072R/6082R)
16. Bu ürünün "Class2" veya "LPS" olarak işaretlenmiş bir Listelenmiş Güç Kaynağı Ünitesi olması ve 12Vdc, 0,54A veya PoE(48V), 0,16A olarak derecelendirilmesi amaçlanmıştır. (QND-6012R/6022R/6032R, QNV-6012R/6022R/6032R)
17. Bu ürünün "Class2" veya "LPS" olarak işaretlenmiş bir Listelenmiş Güç Kaynağı Ünitesi olması ve 12Vdc, 0,55A veya PoE(48V), 0,16A olarak derecelendirilmesi amaçlanmıştır. (QNO-6072R/6082R)
18. Bu ürünün "Class2" veya "LPS" olarak işaretlenmiş bir Listelenmiş Güç Kaynağı Ünitesi olması ve 12Vdc, 0,51A veya PoE(48V), 0,15A olarak derecelendirilmesi amaçlanmıştır. (QNO-6012R/6022R/6032R)
19. Bu ürünün yalıtım gücüyle beslenmesi amaçlanmıştır.
20. Ürünü kurarken aşırı güç kullanırsanız, kamera hasar görebilir ve arıza yapabilir. Uyumsuz aletler kullanarak ürünü zorla yüklerseniz, ürün hasar görebilir.
21. Ürünü kimyasal madde veya yağ buharı bulunan bunların oluşabileceği bir yere kurmayın. Soya yağı gibi yenilebilir yağlar ürüne hasar verebilir veya şeklini bozabilir; ürünü mutfakta veya mutfak masasına yakın yere kurmayın. Bu, ürünün zarar görmesine neden olabilir.
22. Ürünü kurarken, ürün yüzeyinin kimyasal madde ile lekelenmesine izin vermemeye dikkat edin. Temizleyici veya yapıştırıcı gibi bazı kimyasal solventler ürünün yüzeyine ciddi hasar verebilir.



23. Ürünü tavsiye edildiği şekilde kurmazsanız/kaldırmazsanız, üretim işlevleri/performans garanti edilemez. Kullanıcı kılavuzundaki "Kurulum ve Bağlantı" bölümüne bakarak ürünü kurun.
24. Ürünün su içinde kurulması veya kullanılması ürüne ciddi zararlar verebilir.
25. Hızlı sıcaklık değişimleri domun içinde buzlanmaya neden olabilir 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 ÇARPMA RİSKİ VARDIR AÇMAYIN	
DİKKAT : ELEKTRİK ÇARPMA RİSKİNİ AZALTMAK İÇİN ARKA KAPAĞI KALDIRMAYIN (VEYA ARKASINI AÇMAYIN) KULLANICININ MÜDAHELE EDEBİLECEĞİ PARÇA BULUNMAMAKTADIR. YETKİLİ SERVİS PERSONELİNE BAŞVURUNUZ.		

GRAFİK SEMBOLLERİNİN AÇIKLAMASI



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



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

Sınıf I yapısı

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

Pil

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

Daha kolay kurulum için ürüne bir Test Monitörü Çıkış Bağlantı Noktası konulmuştur ve izleme amaçlarıyla kullanılması tavsiye edilmemektedir.

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

ITE yalnızca PoE ağılarına bağlanabilir, harici bir tesise yönlendirilemez.

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-6012R/6022R/6032R/6072R/6082R
QNV-6012R/6022R/6032R/6072R/6082R
QNO-6012R/6022R/6032R/6072R/6082R

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

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.

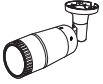
Önerilen ürünler	Mevcut boyutlar
QNAP NAS	Eşzamanlı olarak en fazla 16 kamera erişebilir.
Synology NAS	Eşzamanlı olarak en fazla 16 kamera erişebilir.



- 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-6012R/6022R/ 6032R/6072R/6082R
		1		QNO-6012R/6022R/ 6032R/6072R/6082R
		1		QNV-6012R/6022R/ 6032R/6072R/6082R
	Hızlı Kullanma Kılavuzu (İsteğe bağlı)	1		QND-6012R/6022R/ 6032R/6072R/6082R, QNV-6012R/6022R/ 6032R/6072R/6082R, QNO-6012R/6022R/ 6032R/6072R/6082R
	Garanti kartı (İsteğe bağlı)	1		QND-6012R/6022R/ 6032R/6072R/6082R, QNV-6012R/6022R/ 6032R/6072R/6082R, QNO-6012R/6022R/ 6032R/6072R/6082R
	Şablon	1	Ürün montaj rehberi	QND-6012R/6022R/ 6032R/6072R/6082R, QNV-6012R/6022R/ 6032R/6072R/6082R, QNO-6012R/6022R/ 6032R/6072R/6082R
	Güç Terminali Bloğu	1	Elektrik prizine takılı	QND-6012R/6022R/ 6032R/6072R/6082R, QNV-6012R/6022R/ 6032R/6072R/6082R
	Allen Anahtarı	1	Kameranın yönünü kontrol etmek için kullanılır	QNO-6012R/6022R/ 6032R/6072R/6082R

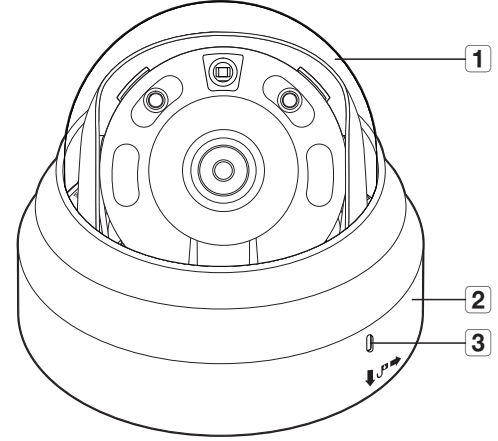
Görünüm	Öge Adı	Adet	Açıklama	Model Adı
	L Anahtar (yıldız biçimli)	1	Dome kapağını çıkarmak ve değiştirmek için kullanılır	QNV-6012R/6022R/ 6032R/6072R/6082R
	Alarm kablosu	1	Bir alarmla bağlanırken kullanılır	QND-6012R/6022R/ 6032R/6072R/6082R
	RJ45 su geçirmezlik aksesuarı	1	Nemli yerlerde kurulum yapmak için kullanılır	QNO-6012R/6022R/ 6032R/6072R/6082R
	Güneşlik	1	Kamerayı direkt güneş ışığından korur.	QNO-6012R/6022R/ 6032R/6072R/6082R
	Güneşlik sabitleme vidası	1	Güneşliği kameraya sabitler.	QNO-6012R/6022R/ 6032R/6072R/6082R
	Güç Kablosu	1	Güç girişine takmak için kullanılır	QNV-6012R/6022R/ 6032R/6072R/6082R
	Ses/alarm kablosu	1	Ses ve alarm girişine bağlantı için kullanılır	QNV-6012R/6022R/ 6032R/6072R/6082R
	Monitör test kablosu	1	Kameranın taşınabilir bir görüntü cihazına bağlantısını test etmek için kullanılır	QND-6012R/6022R/ 6032R/6072R/6082R, QNV-6012R/6022R/ 6032R/6072R/6082R, QNO-6012R/6022R/ 6032R/6072R/6082R
	Kablo burcu	1	LAN kablosu bağlamak için kullanılır.	QNV-6012R/6022R/ 6032R/6072R/6082R
	Üst Kapak Kurulum Aparatı	1	RJ45 kablo bağlanırken kullanılır	QNV-6012R/6022R/ 6032R/6072R/6082R

Kurulum için İsteğe Bağlı Aksesuarlar

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

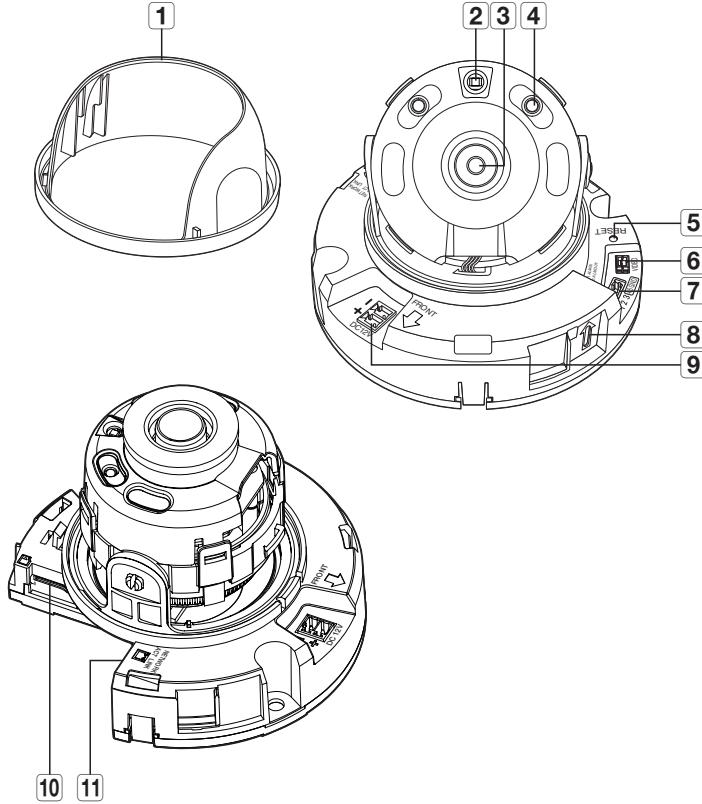


Model Adı	Askı Montaj	Arka Kutu	Direğe Montaj	Tümü
QNV-6012R/6022R/6032R	SBP-122HMMW	SBV-120GW		SBP-300LMW (Parapet Montajı)
QNV-6072R/6082R	SBP-301HMMW2	SBV-136BW		SBP-300CMW (Tavana Montajı)
QND-6012R/6022R/6032R	SBP-300HMMW7			SBP-300WMW1 (Duvara Montajı)
QND-6072R/6082R	SBP-122HMMW			SBP-300NBW (Montaj Kutusu)
QNO-6012R/6022R/ 6032R/6072R/6082R		SBO-100B1	SBP-302PM	SBP-300PMW (Direğe Montajı)
				SBP-300KMW (Köşeye Montajı)

İLK BAKIŞ (QND-6012R/6022R/6032R)**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.

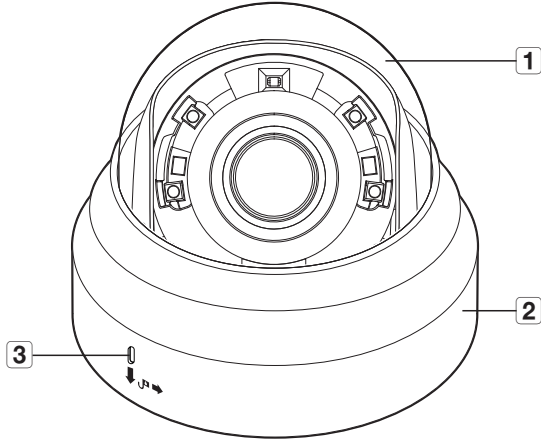
Ek Cihazlar



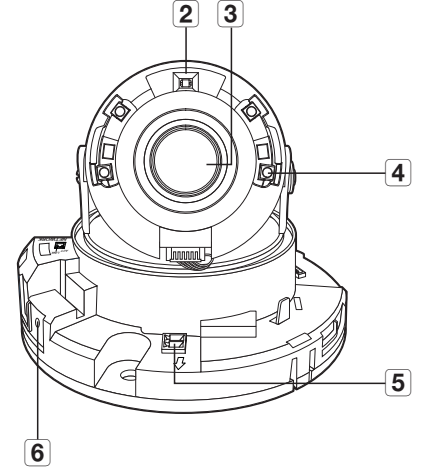
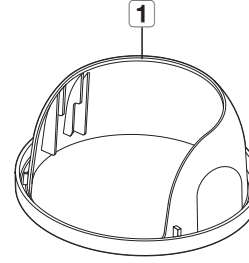
Madde	Açıklama	
1 İç kapak	Ana gövde için koruyucu kapak.	
2 Aydınlatma Sensörü	IR LED'i kontrol etmek için gelen ışığı algılar.	
3 Mercek	Kamera Lensi.	
4 IR LED'i	Bu kızılötesi LED'ler aydınlatma sensörü tarafından kontrol edilir.	
5 Reset Düğmesi	Düğme, tüm kamera ayarlarını fabrika varsayılan ayarlarına 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 Test Monitörü Çıkışı	Video çıkışı izlemesinin test edilmesi için çıkış portu. Mobil ekrana bağlanmak için test monitörü kablосunu kullanın ve test videosunu kontrol edin.	
7 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.
8 Mikrofon deliği	Mikrofon tümleşiktir.	
9 Güç Bağlantı Noktası	Güç terminali bloğu için giriş.	
10 Micro SD Bellek Kartı Bölmesi	Micro SD bellek kartı için bölme.	
11 Ağ Bağlantı Noktası	Ağ bağlantısı için PoE veya Ethernet kablосunu bağlamada kullanılır.	

İLK BAKIŞ (QND-6072R/6082R)

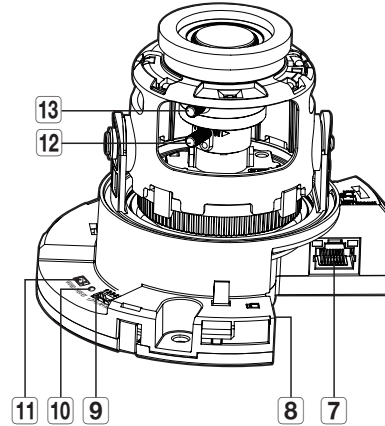
Görünüm



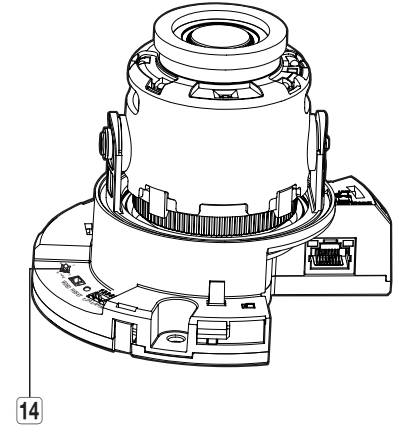
Ek Cihazlar



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 tümleştiktir.



<QND-6072R>



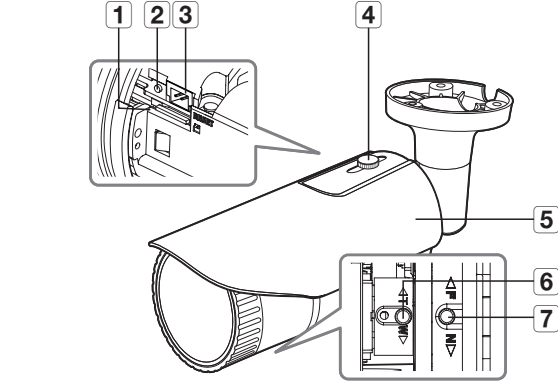
<QND-6082R>

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 Güç Bağlantı Noktası	Güç terminali bloğu için giriş.	
6 Mikrofon deliği	Mikrofon tümleşiktir.	
7 Ağ Bağlantı Noktası	Ağ bağlantısı için PoE veya Ethernet kablolarını bağlamak için kullanılır.	
8 Micro SD Bellek Kartı Bölmesi	Micro SD bellek kartı için bölme.	
9 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.
10 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.	
11 Test Monitörü Çıkışı	Video çıkışı izlemesinin test edilmesi için çıkış portu. Mobil ekrana bağlanmak için test monitörü kablolarını kullanın ve test videosunu kontrol edin.	

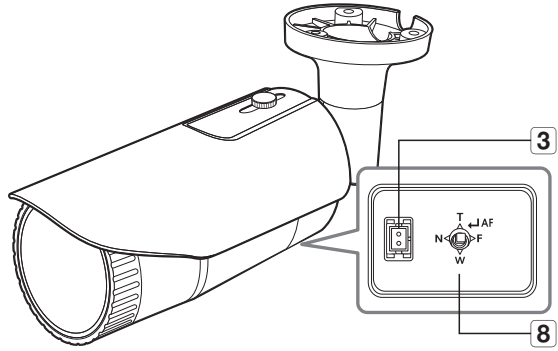
Madde	Açıklama	
12 Zoom kumanda kolu (QND-6072R)	T	Yakınlaştır (Tele)
	W	Uzaklaştır (Geniş)
	Kolu serbest bırakın ve lensi yakınlaştırmak veya uzaklaştırmak için kolu sola veya sağa doğru hareket ettirin. Ayarlanan konumun hareket etmesini önlemek için, kolu saat istikametinde döndürün.	
13 Odak kumanda kolu (QND-6072R)	N	Yakındaki bir nesneye odaklanma (Yakın)
	F	Uzak bir nesneye odaklanma (Uzak)
	Kolu serbest bırakın ve lensin odağını ayarlamak için kolu sola veya sağa doğru hareket ettirin. Ayarlanan konumun hareket etmesini önlemek için, kolu saat istikametinde döndürün.	
14 Yakınlaştırma/Odak Kontrol Düğmesi (QND-6082R)	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-6012R/6022R/6032R/6072R/6082R)

Görünüm



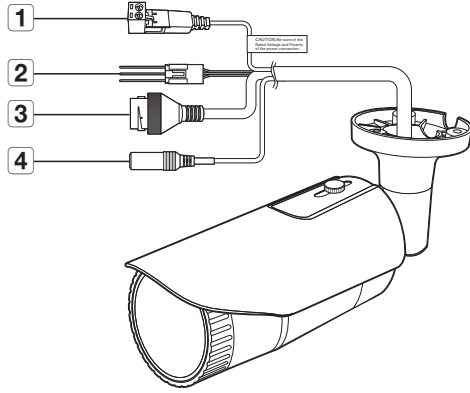
<QNO-6072R>



<QNO-6082R>

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 ayarlara 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 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 Zoom kumanda kolu (QNO-6072R)	T Yakınlaştır (Tele)
	W Uzaklaştır (Geniş)
7 Odak kumanda kolu (QNO-6072R)	N Yakındaki bir nesneye odaklanma (Yakın)
	F Uzak bir nesneye odaklanma (Uzak)
8 Yakınlaştırma/Odak Kontrol Düğmesi (QNO-6082R)	Kolu serbest bırakın ve lensi yakınlaştırmak veya uzaklaştırmak için kolu sola veya sağa doğru hareket ettirin. Ayarlanan konumun hareket etmesini önlemek için, kolu saat istikametinde döndürün.
	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.

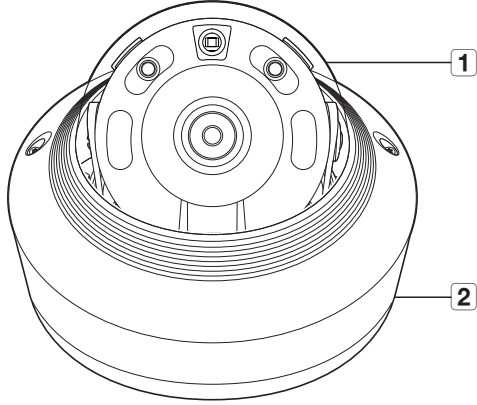
Ek Cihazlar



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.	

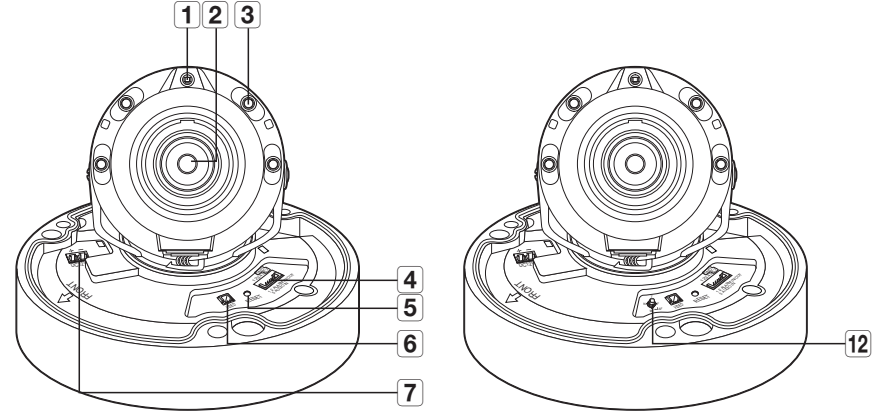
İLK BAKIŞ (QNV-6012R/6022R/6032R/6072R/6082R)

Görünüm



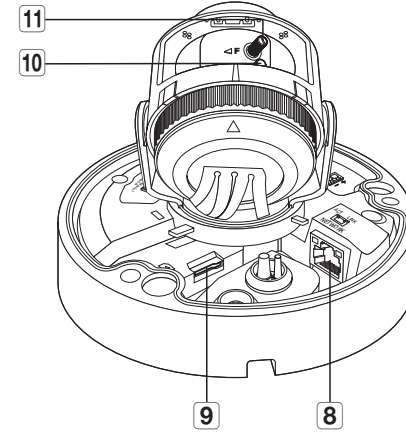
Madde	Açıklama
1 Dome Kapağı	Mercek ve ana birimi korumakta kullanılan muhafaza kapağı.
2 Kamera Muhafazası	Kamera gövdesini kapatan yuva bölümü.

Ek Cihazlar



<QNV-6072R>

<QNV-6082R>



<QNV-6072R>

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.	
4 Ses ve alarm kablosu girişi	ARM-IN	Alarm giriş sensörünü veya harici gündüz/gece sensörünü bağlamak için kullanılır.
	ARM-OUT	Alarm çıkış sinyalinin bağlamak için kullanılır.
	GND	Alarm giriş/çıkış sinyallerinin bağlandığı ortak portlardır.
	AUDIO IN	Bir mikrofona bağlanmak için kullanılır.
5 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.	
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 Güç Bağlantı Noktası	Güç terminali bloğu için giriş.	
8 Ağ Bağlantı Noktası	Ağ bağlantısı için PoE veya Ethernet kablosunu bağlamada kullanılır.	
9 Micro SD Bellek Kartı Bölmesi	Micro SD bellek kartı için bölme.	
10 Zoom kumanda kolu (QNV-6072R)	T	Yakınlaştır (Tele)
	W	Uzaklaştır (Geniş)
Kolu serbest bırakın ve lensi yakınlaştırmak veya uzaklaştırmak için kolu sola veya sağa doğru hareket ettirin. Ayarlanan konumun hareket etmesini önlemek için, kolu saat istikametine döndürün.		
11 Odak kumanda kolu (QNV-6072R)	N	Yakındaki bir nesneye odaklanma (Yakın)
	F	Uzak bir nesneye odaklanma (Uzak)
Kolu serbest bırakın ve lensin odağını ayarlamak için kolu sola veya sağa doğru hareket ettirin. Ayarlanan konumun hareket etmesini önlemek için, kolu saat istikametine döndürün.		

Madde	Açıklama	
12 Yakınlaştırma/Odak Kontrol Düğmesi (QNV-6082R)	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-6012R/6022R/6032R/6072R/6082R)

Kurulumdan Önce Alınması Gereken Önlemler

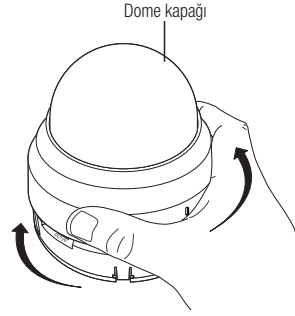
Kamerayı kurmadan önce aşağıdaki talimatları mutlaka okuyun:

- 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.

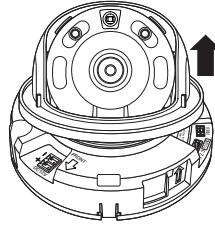
Sökme

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

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

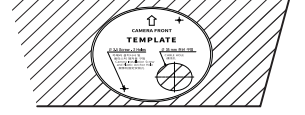


2. Çıkarmak için iç kapağı kaldırın.



Kurulum

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



2. 2 adet kılavuz vidayı kullanarak kamerayı şablona delinen 2 adet deliğe sabitleyin.
 - Kamerayla izleme yönünü öne getirmek için kamerada yazılı < > işaretini ayarlayın.

3. Kamera dahili terminalini ilgili kabloya bağlayın.

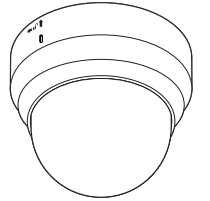
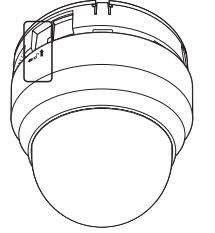
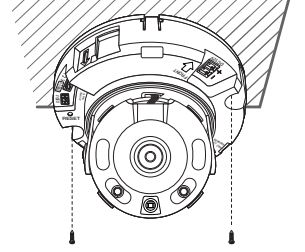
4. Merceği "Kameranın izleme yönünün ayarlanması" bölümüne bakarak istediğiniz yönde ayarlayın. (sayfa 23)

- ! ■ 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-6012R/6022R/6032R/6072R/6082R)



- 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.

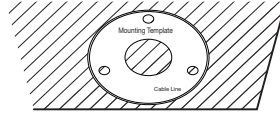
Kurulumdan Önce Alınması Gereken Önlemler

Kamerayı kurmadan önce aşağıdaki talimatları mutlaka okuyun:

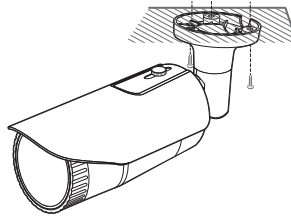
- Montaj braketini de dahil olmak üzere kameranın ağırlığının 5 katı ağırlığa dayanabilecek bir alana (tavan veya duvar) monte edilmelidir.
- Sıkıştırılmış veya soyulmuş kablolar hasara neden olabilir veya yangın çıkarabilir.
- Güvenlik açısından, kurulum alanında kimsenin bulunmamasını sağlayın. Her ihtimale karşı özel eşyalarınızı kurulum alanından uzak tutun.
- Güneşlik deliğini, güneşliği bağlamaktan başka bir amaç için kullanmayın.
- Odak ayarı elle yapılan bir objektifin kullanıldığı kameralarda odak ve yakınlaştırma gibi ayarlar kurulumdan önce yapılmalıdır. Bunları ayarlarken, objektife yabancı madde yapışmaması için dikkatli olun.

Kurulum

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



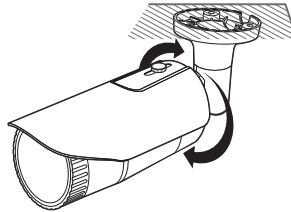
2. Kamerayı sabitlemek için 3 adet kılavuz vidayı 3 adet deliğe yerleştirip sıkın.
3. İlgili kablolar kamera terminallerine bağlayın.



4. Birlikte verilen L anahtarını kullanarak kameranın yönünü ayarlayın.

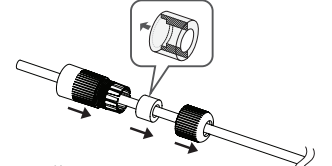


- Kamera konumunu bir destek kullanarak ayarlarken, destek vidasını gevşetin, kamerayı ayarlayın ve vidayı sıkın. Vida sıkılmış durumdayken güç uygulayarak ayarlamaya kalkışmanız durumunda, çizilme veya başka sorunlar oluşabilir.

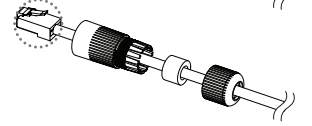


RJ45 su geçirmez kabloyu LAN kablosuna bağlama

1. Ok yönünde yerleştirin.



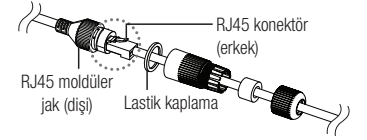
2. LAN konektörünü (erkek) kabloya bağlayın.



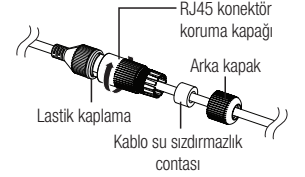
3. RJ45 modüler jakı (dişi) RJ45 konektöre (erkek) bağlayın.



- Lütfen parçaları birbirinden ayrı tutun.



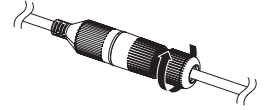
4. RJ45 modüler jakı (dişi) ve RJ45 koruma kapağını saat yönünde döndürerek monte edin (Oku izleyin).



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



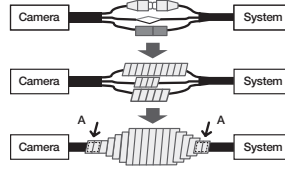
- Arka kapağı RJ45 konektörün vida dişlerinin sonuna kadar döndürmek için tamamen monte etmeniz gerekir.



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.

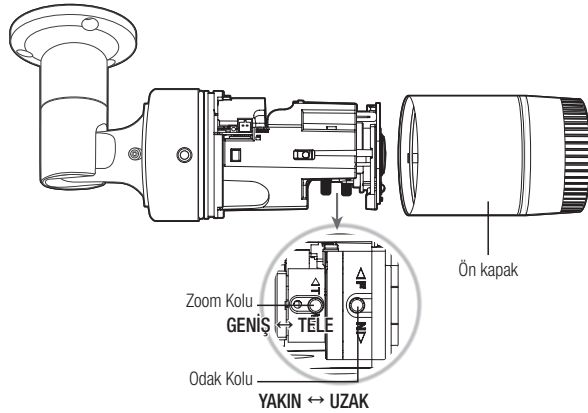
1. Güç, G/Ç, AUDIO ve LAN kablolarını bağlayın.
2. Siyah kablo kaplamasını (Alan A) ve kablo bağlantı alanını butil plastik bandın yarısından fazlası üst üste gelecek şekilde su geçirmez (butil plastik) bantla sarın.



- 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.

Zum Faktörünü Veya Odağı Ayarlamak İçin (QNO-6072R)

1. Ön kapağı şekilindeki gibi gevşetin.
2. Zom/odak kolunu hafifçe gevşetin.
3. Zum/odak kolunu GENİŞ (YAKIN) veya TELE (UZAK) konumlarından uygun olanına getirin.
4. Ardından zum/odak kolunu sıkıştırarak ayarlanmış konumu sabitleyin.
5. Ön kapağı çevirerek sıkın.



- Dikişsiz sızdırmazlık sağlamak için ön kapığı sonuna kadar çevirerek sıkın.
Ön kapığı birleştirirken lütfen ana gövde ve ön kapığı LOCK göstergesi kilitlenecek şekilde birleştirin.
- Kolun yardımıyla zum faktörü veya odağı ayarlayın ve kolu saat yönünde çevirerek sabitleyin.
- Lensin zum faktörünü/odağını ayarlamadan önce ön kapığı gevşetip çıkann.

KURULUM (QNV-6012R/6022R/6032R)

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

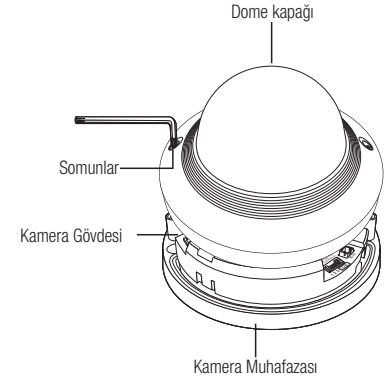
Kurulumdan Önce Alınması Gereken Önlemler

Kamerayı kurmadan önce aşağıdaki talimatları mutlaka okuyun:

- Montaj braketleri 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.

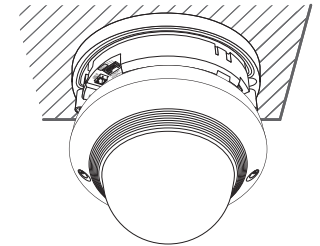
Sökme

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



Kurulum

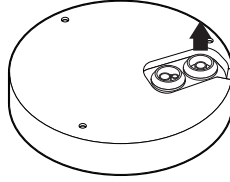
1. Aksesuar olarak verilen şablonu kullanarak vida montaj deliği (6mm çapında ve en az 55mm derinlikte) açın ve aksesuar olarak verilen plastik ankrajı gidebildiği kadar sıkıca yerleştirin.
2. Alttaki deliği ankraj deliğine hizalayarak kılavuz vidayı (M4.5xL50) takın.
3. Gerekli kabloları bağlayın ve kamera montajı sırasında zarar görmemeleri veya sıkışmamaları için gerekli şekilde düzenleyin.
4. Merceği **"Kameranın izleme yönünün ayarlanması"** bölümüne bakarak istediğiniz yönde ayarlayın. (sayfa 23)
5. Dome kapağını kapatın.
 - Su sızmasını önlemek için, sabitleme cıvatalarını bir L anahtar ile iyice sıkın.



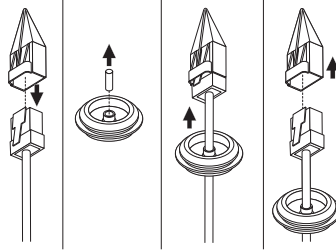
LAN kablusunun bağlanması

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

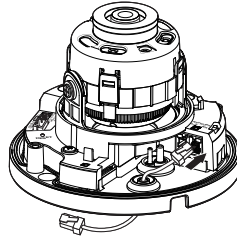
- Bağlanacak LAN kablusu için uygun bir kablo burcu kullanın.
- Temel kamera: Ø5~6.5 çapında kablo kullanın.



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

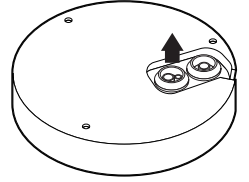


5. LAN kablusunu, 2. adımda kablo burcu çıkarıldıktan sonra oluşan delikten geçirin ve kabloyu ethernet terminaline bağlayın.
6. LAN kablusunun burcunu deliğe yerleştirin.

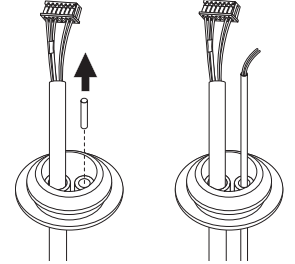


Ses/alarm kablusunun ve güç kablusunun takılması

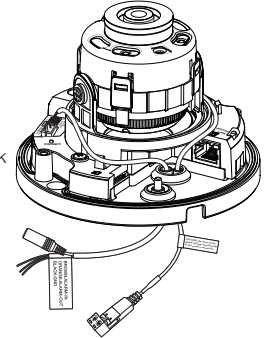
1. Dome kapağını ve muhafazayı sökün.
2. Alt kısımdaki kablo burcunu şekilde gösterildiği gibi çekip çıkarın.



3. Alarm/ses kablusunun burcunun ucundaki dışarı çıkmış parçayı çekip çıkarın ve güç kablusunu burç içinden geçirin.



4. Alarm/ses kablusunu, 2. adımda kablo burcu çıkarıldıktan sonra geriye kalan delikten geçirin. Her birini sırasıyla alarm/ses terminaline ve PCB'nin güç terminal blokuna bağlayın.
5. Kamerayı monte ederken, kabloların hasar görmesini veya sıkışmasını önlemek için onları sabit kancaya asın.
6. Alarm/ses kablolarının burcunu deliğe yerleştirin.
7. Merceği "**Kameranın izleme yönünün ayarlanması**" bölümüne bakarak istediğiniz yönde ayarlayın. (sayfa 23)
8. Dome kapağını takın.



KURULUM (QNV-6072R/6082R)



- 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.

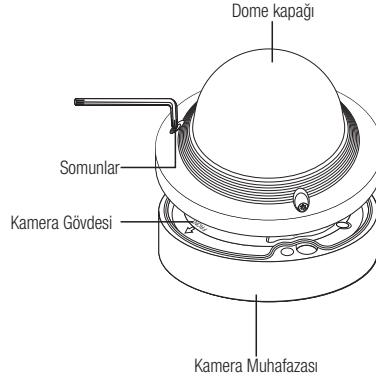
Kurulumdan Önce Alınması Gereken Önlemler

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.
- Odak ayan elle yapılan bir objektifin kullanıldığı kameralarda odak ve yakınlaştırma gibi ayarlar kurulumdan önce yapılmalıdır. Bunları ayarlarken, objektife yabancı madde yapışmaması için dikkatli olun.

Sökme

1. Verilen L anahtar ile dom kapağındaki 3 sabitleme cıvatasını saat yönünün tersi yönde çevirerek kapağı çıkartın.

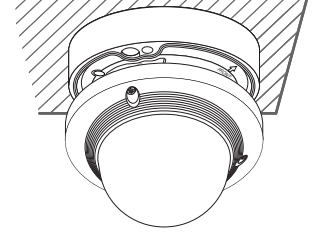


Kurulum

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 23)



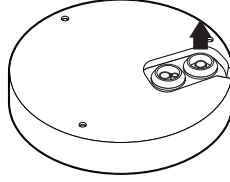
- Odak ayan elle yapılan bir objektifin kullanıldığı kameralarda odak ve yakınlaştırma gibi ayarlar kurulumdan önce yapılmalıdır. Bunları ayarlarken, objektife yabancı madde yapışmaması için dikkatli olun.
5. Dome kapağını kapatın.
 - Su sızıntısını önlemek için, sabitleme cıvatalarını bir L anahtar ile iyice sıkın.



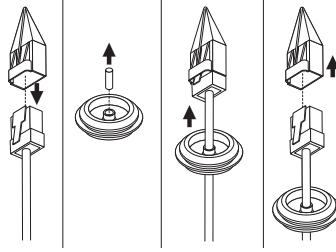
LAN kablosunun bağlanması

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

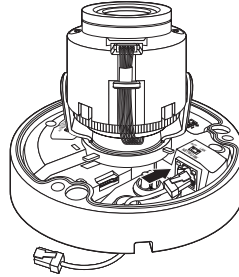
- Bağlanacak LAN kablosu için uygun bir kablo burcu kullanın.
- Temel kamera: Ø5~6.5 çapında kablo kullanın.



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

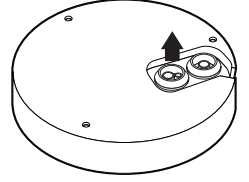


5. LAN kablosunu, 2. adımda kablo burcu çıkarıldıktan sonra oluşan delikten geçirin ve kabloyu ethernet terminaline bağlayın.
6. LAN kablosunun burcunu deliğe yerleştirin.

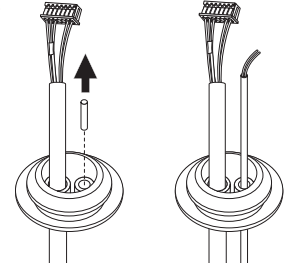


Ses/alarm kablosunun ve güç kablosunun takılması

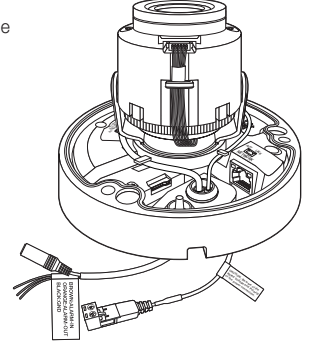
1. Dome kapağını ve muhafazayı sökün.
2. Alt kısımdaki kablo burcunu şekilde gösterildiği gibi çekip çıkarın.



3. Alarm/ses kablosunun burcunun ucundaki dışarı çıkmış parçayı çekip çıkarın ve güç kablosunu burç içinden geçirin.



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5. Kamerayı monte ederken, kabloların hasar görmesini veya sıkışmasını önlemek için onları sabit kancaya asın.
6. Alarm/ses kablolarının burcunu deliğe yerleştirin.
7. Merceği "Kameranın izleme yönünün ayarlanması" bölümüne bakarak istediğiniz yönde ayarlayın. (sayfa 23)
8. Dome kapağını takın.



Bağımsız adaptöre bağlama

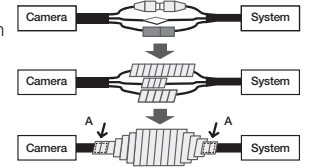
Aşağıdaki seçeneklerden (bağımsız) montaj alanına veya rahatınıza uygun, gerekli bir tanesini seçip satın alın.

1. Dome kapağını "**Sökme**" bölümünde belirtildiği şekilde muhafazadan çıkarın. (sayfa 20)
2. Kamera kasasını ayrı satılan adaptöre sabitlemek için makine vidasını kullanın.
3. Gerekli kabloları bağlayın ve kamera montajı sırasında zarar görmemeleri veya sıkışmamaları 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 23)
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.

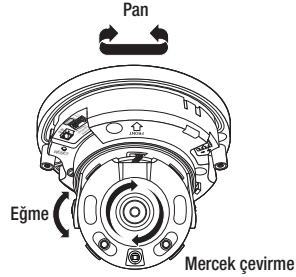
1. Güç, G/G, AUDIO ve LAN kablolarını bağlayın.
2. Siyah kablo kaplamasını (Alan A) ve kablo bağlantı alanını butil plastik bandın yarısından fazlası üst üste gelecek şekilde su geçirmez (butil plastik) bantla sarın.



- 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.

Kameranın izleme yönünün ayarlanması

(QND-6012R/6022R/6032R/6072R/6082R, QNV-6012R/6022R/6032R/6072R/6082R)



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. Kameranin 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.

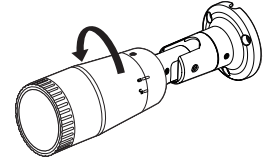
MİCRO SD BELLEK KARTININ TAKILMASI/ÇIKARILMASI



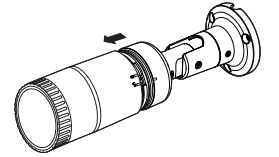
- Micro SD bellek kartını takmadan önce güç kablosunu kameradan çıkartın.
- Micro SD bellek kartını ters tutarak ve zorlayarak takmayın. Aksi takdirde Micro SD bellek kartı zarar görebilir.
- Micro SD kartın yağmur yağarken ya da nem yüksek olduğunda takılması veya çıkarılması önerilmez.
- Ürün kapağını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

Micro SD Bellek Kartının Takılması (QNO-6012R/6022R/6032R/6072R/6082R)

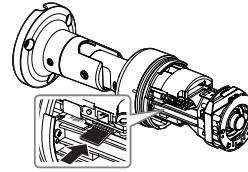
1. Ön kapağı KİLİT AÇ [🔓] yönünde döndürün.



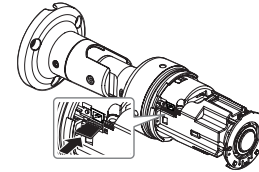
2. Ön kapağı çekerek ayırın.



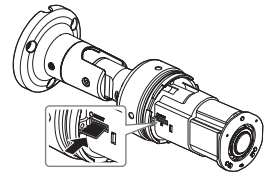
3. Micro SD kartı, şekilde gösterildiği gibi ok yönünde takın.



<QNO-6012R/6022R/6032R>



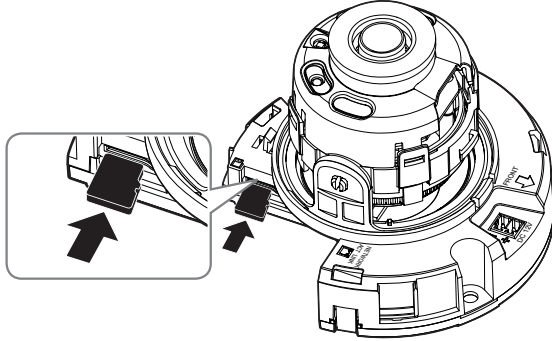
<QNO-6072R>



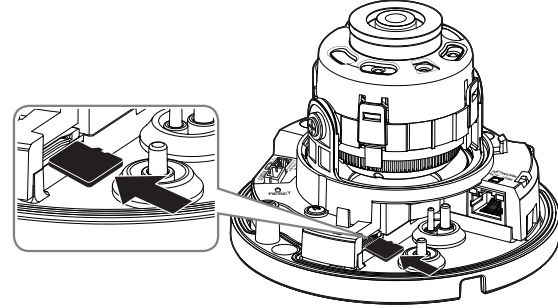
<QNO-6082R>

Micro SD Bellek Kartının Takılması (QND-6012R/6022R/6032R/6072R/6082R, QNV-6012R/6022R/6032R/6072R/6082R)

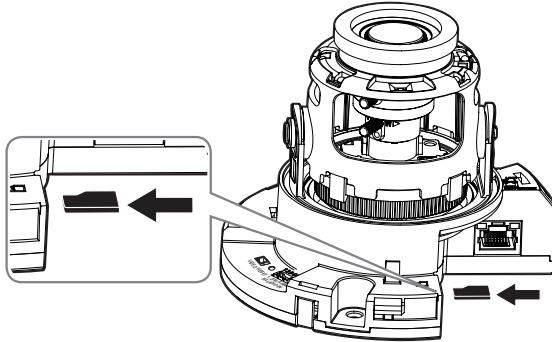
1. Kameranın Dome kapağını ayırın.
2. Micro SD kartı, şekilde gösterildiği gibi ok yönünde takın.



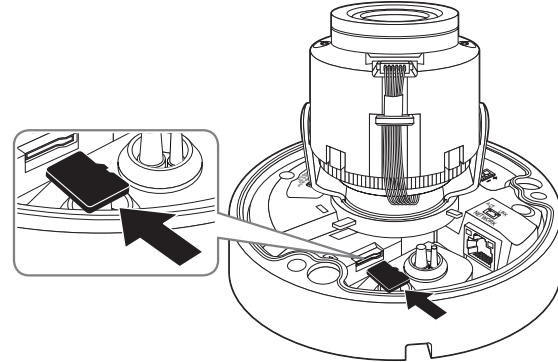
<QND-6012R/6022R/6032R>



<QNV-6012R/6022R/6032R>



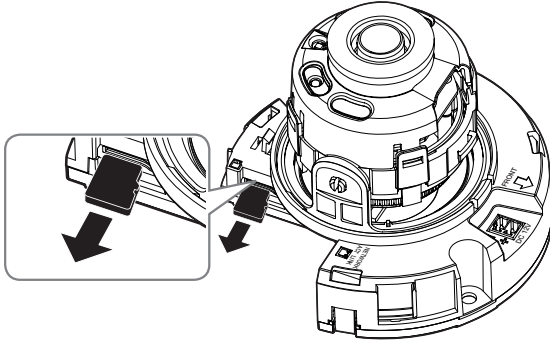
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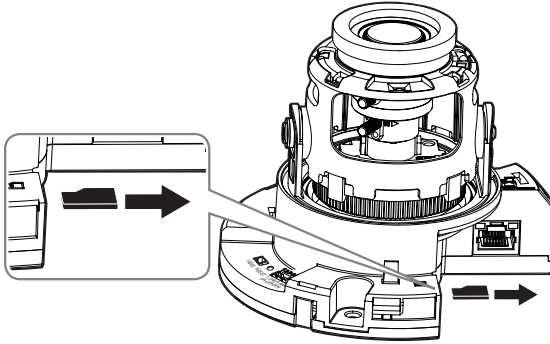
<QNV-6072R/6082R>

Micro SD Bellek Kartının Çıkarılması

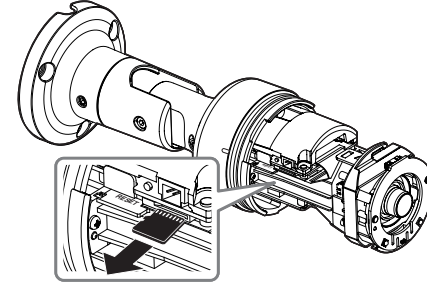
Hafıza kartını yuvasından çıkartmak için şemada gösterildiği gibi hafıza kartının açık tarafından yavaşça basın.



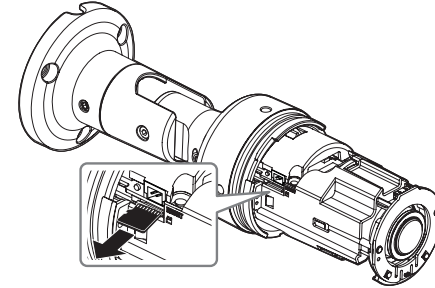
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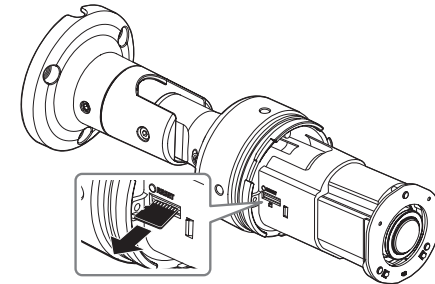
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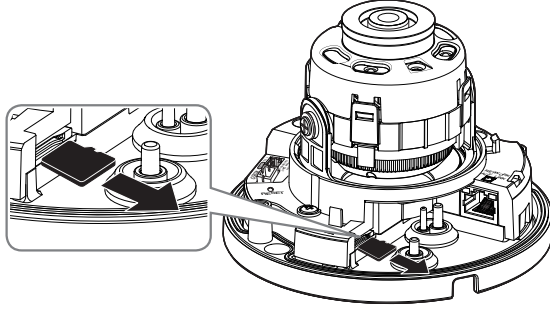
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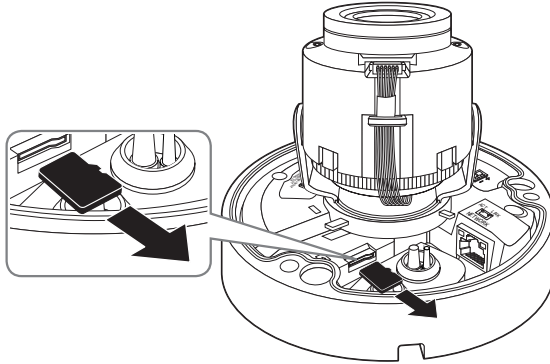
<QNO-6072R>



<QNO-6082R>



<QNV-6012R/6022R/6032R>



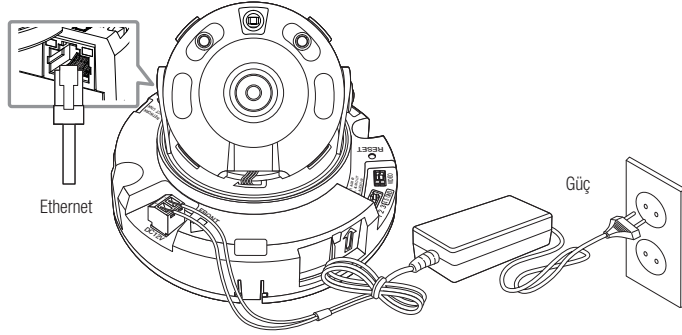
<QNV-6072R/6082R>



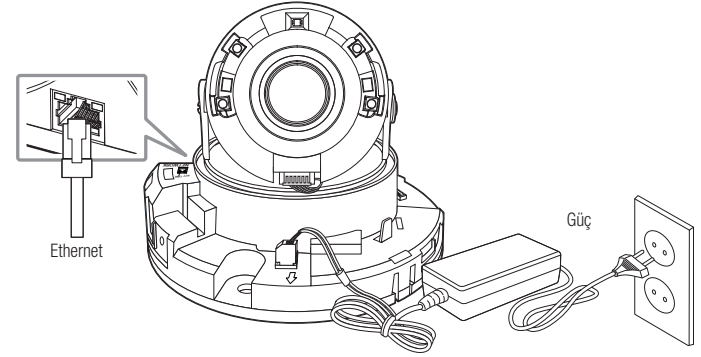
- Micro SD bellek kartına çok sert basılması, bıraktığında kartın kontrol edilemeyen bir şekilde dışarı çıkmasına neden olabilir.
- Micro SD bellek kartını çıkartmadan önce, <Depolama> alanında, cihazı <Kapalı> duruma getirin ve [Uygula] düğmesine basarak kamerayı kapatın.
- Fotoğraf makinesini kapatırsanız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

GÜÇ VE AĞ

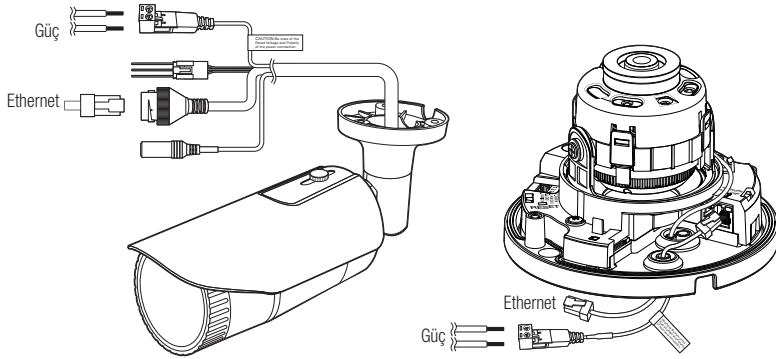
- ! ■ DC 12 V güç fişini prize takmadan önce lütfen ilk olarak terminal blokunun montajını yapın.



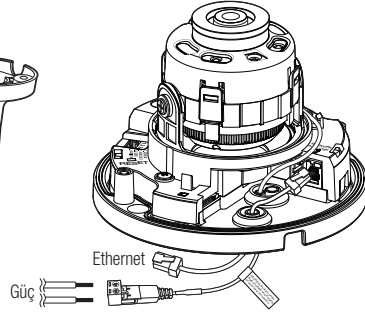
<QND-6012R/6022R/6032R>



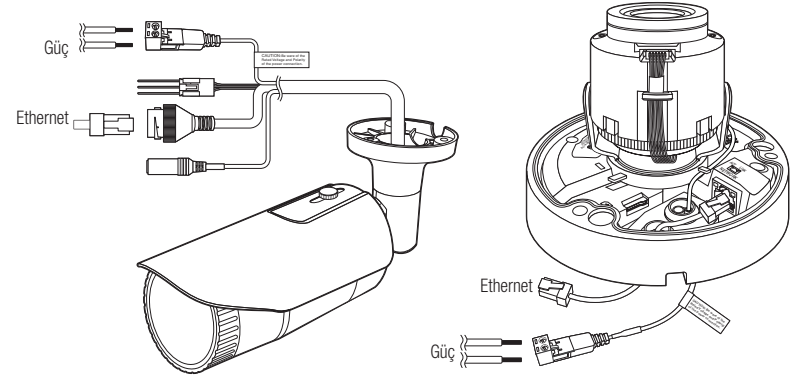
<QND-6072R/6082R>



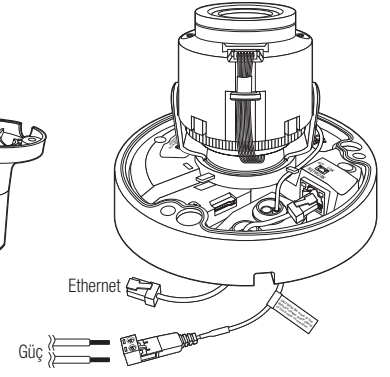
<QNO-6012R/6022R/6032R>



<QNV-6012R/6022R/6032R>



<QNO-6072R/6082R>



<QNV-6072R/6082R>

Ethernet Bağlantısı

Ethernet kablosunu yerel ağa veya internete bağlayın.

Güç Kaynağı

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

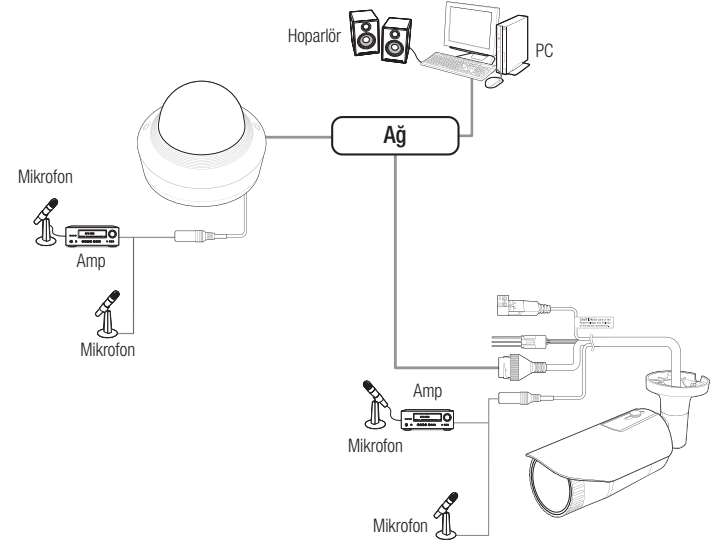
- PoE ve DC 12V'nin aynı anda uygulanması halinde ürün DC 12V'den gelen güçle beslenecektir.
 - Video kameraya güç beslemesi sağlamak için PoE özelliğine sahip bir yönlendirici de kullanabilirsiniz.
 - IEEE 802.3af protokolü ile uyumlu bir PoE kullanın.
 - PoE ve DC 12V güç kaynaklarından yalnızca birinin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

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.

Ses Giriş Bağlamak



1. Kameranin SES GİRİŞ bağlantı noktasını mikrofon veya HAT ÇIKIŞ bağlantı noktasıyla bağlayın.

- QND modeli yalnızca yerleşik mikrofonu destekler.

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)

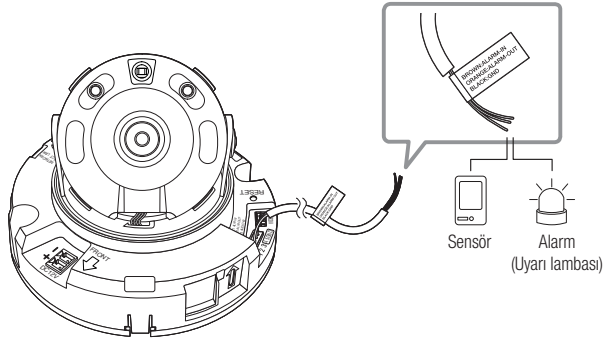
• Tam ÇiftYönlü Ses

- Audio in (QND-6012R/6022R/6032R/6072R/6082R) : Yerleşik mikrofon

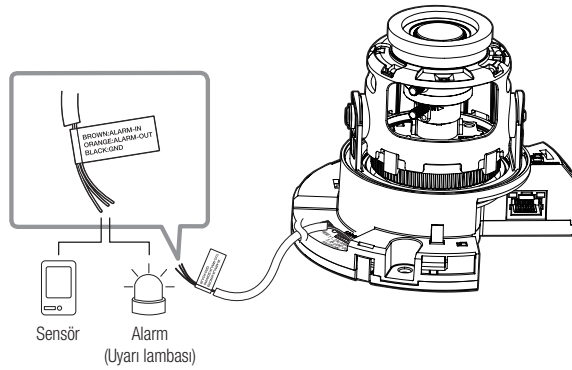
- Audio in (QNO-6012R/6022R/6032R/6072R/6082R, QNV-6012R/6022R/6032R/6072R/6082R) : Seçilebilir (mikrofon/Hat girişi), Desteklenen voltaj: 2.5VDC (4 mA), Giriş impedansı: 2K Ohm

I/O bağlantı kutusuna bağlama

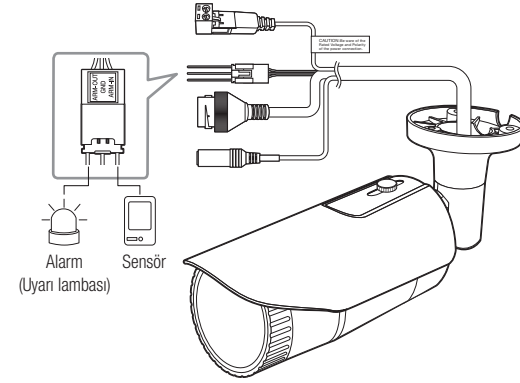
Alarm G/Ç kablosunu yuva kutusunun ilgili yuvasına bağlayın.



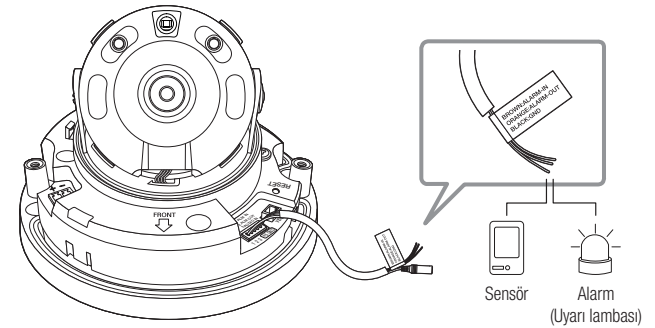
<QND-6012R/6022R/6032R>



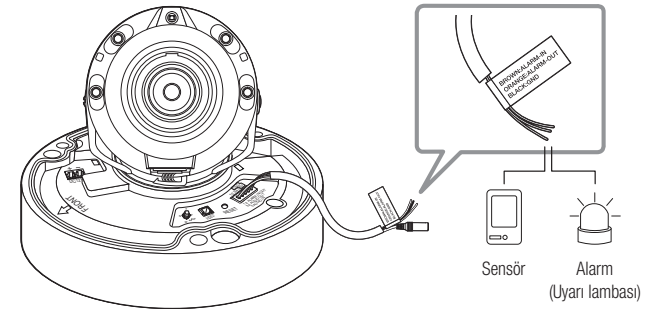
<QND-6072R/6082R>



<QNO-6012R/6022R/6032R/6072R/6082R>



<QNV-6012R/6022R/6032R>



<QNV-6072R>

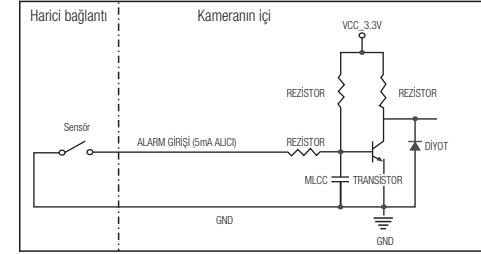
- ALARM-IN : Alarm giriş sensörünü veya harici gündüz/gece sensörünü bağlamak için kullanılır.
- ALARM-OUT : Alarm çıkış sinyalini bağlamak için kullanılır.
- GND : Alarm giriş/çıkış sinyali için ortak bağlantı noktası.

■ 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

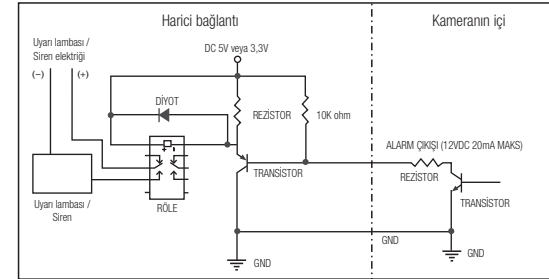


Alarmı dışarıya bağlamak için

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

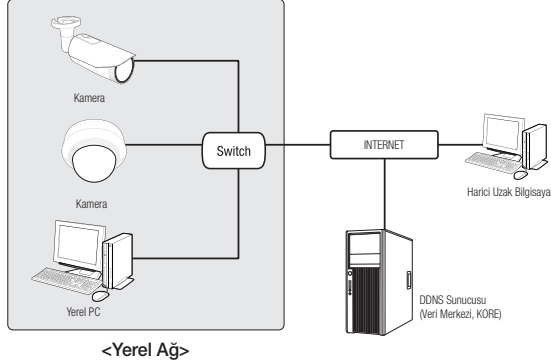


Ağ ayarlarınızı ağ yapılandırmanıza göre ayarlayabilirsiniz.

KAMERAYI DOĞRUDAN YEREL ALAN AĞINA BAĞLAMAK

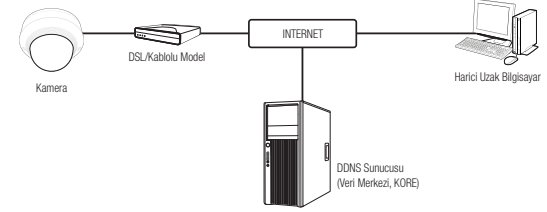
Kameraya Lan Üzerinde Yerel Bir Pc'den Bağlanmak

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.
- Device Manager'da, IP Adresi, Alt Ağ Maskesi, Ağ Geçidi, HTTP Portu, VNP Portu, IP türü ayarlarını yapmak için ilk parola olan "4321"i kullanabilirsiniz. Ağ arabirimini değiştirdikten sonra, güvenliğin daha iyi olmasını sağlamak için web viewer'a erişip şifreyi değiştirin.
- IP adresi fabrika ayarlarına göre otomatik olarak DHCP sunucusundan atanır. Kullanılabilen DHCP sunucusu yoksa, IP adresi 192.168.1.100 olarak ayarlanır. IP adresini değiştirmek için Device Manager'ı kullanın. Device Manager'ın kullanımı hakkında daha fazla bilgi için, "Device Manager'ı Kullanma" kısmına bakın. (Sayfa 32)

KAMERANIN DOĞRUDAN BİR DHCP TABANLI DSL/KABLOLU MODEME BAĞLANMASI



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

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

DEVICE MANAGER'I KULLANMA

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

KAMERAYI OTOMATİK OLARAK ARAMA

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

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

IP ADRESİNİ YAPILANDIRMA

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

Statik IP'yi yapılandırma

IP adresi ve port bilgilerini manuel olarak ekleyin ve yapılandırın.

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

Bir Geniş Bant yönlendirici kullanılmıyorsa

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

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

Bir Geniş Bant yönlendirici kullanılıyorsa

- IP Address : IP aralığında kalan ve Geniş Bant yönlendirici tarafından verilen bir 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 34)

Geniş Bant yönlendiriciye bağlı birden fazla kamera varsa

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

	Kategori	Kamera No. 1	Kamera No. 2
IP ile ilgili ayarlar	IP Address	192.168.1.100	192.168.1.101
	Subnet Mask	255.255.255.0	255.255.255.0
	Gateway	192.168.1.1	192.168.1.1
Bağlantı noktası ile ilgili ayarlar	HTTP Port	8080	8081
	VNP Port	4520	4521
	RTSP Port	554	555

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

5. [Uygula] Düğmesine tıklayın.

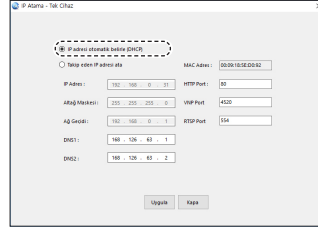
6. Başarılı mesajı görüntülenirse, [Tamam] seçeneğine tıklayın.

Dinamik IP'yi Yapılandırma

DHCP'den IP adresini alın

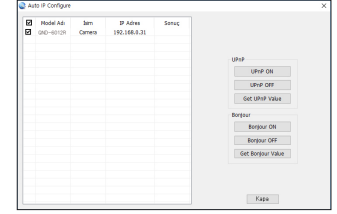
- Dinamik IP ortamı örneği
 - Kameraların bağlı olduğu bir Geniş Bant yönlendiricisine DHCP sunucusu tarafından bir IP adresi atanmışsa
 - Kamera, DHCP protokolleri kullanılarak doğrudan modeme bağlanıyorsa
 - IP'ler LAN aracılığıyla dahili DHCP sunucusu tarafından atanmışsa

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



IP'YI OTOMATİK OLARAK YAPILANDIRMA

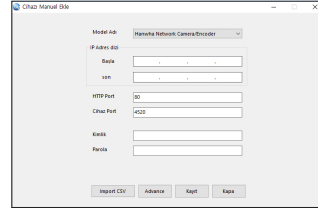
1. Listeden IP'sini otomatik olarak yapılandırmak istediğiniz kameraya tıklayın.
2. Device Manager'ın ana sayfasındaki < + > seçeneğine tıklayın.
 - Ekipman Ayarı menüsü görünür.
3. Menüde <Auto IP Configure (Oto IP Yapılandır)> seçeneğine tıklayın.
4. [Kapa] düğmesine tıklayın.



KAMERAYI MANUEL OLARAK KAYDETME

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

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

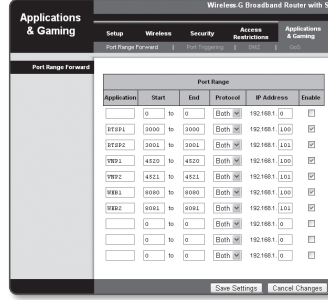


BAĞLANTI NOKTASI ARALIĞI AKTARIM (BAĞLANTI NOKTASI EŞLEME) AYARI

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

Manuel Bağlantı Noktası Aralığı Aktarımı

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

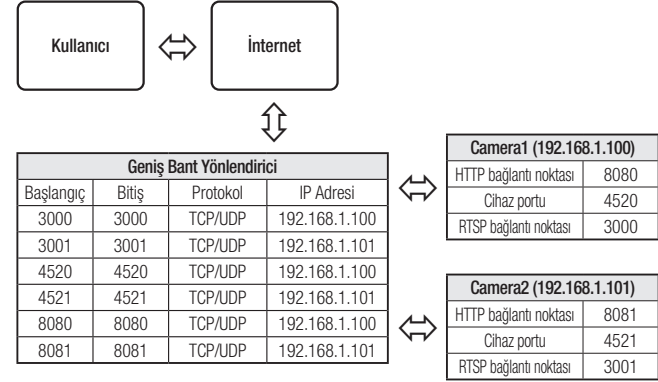


- Port yönlendirme ayarı, CISCO IP yönlendirici ayarına bir örnektir.
- Ayarlar, bağlı Geniş Bant yönlendiricisinin modeline göre farklılık gösterebilir.
Daha ayrıntılı bilgi için, geçerli yönlendiricinin kullanım kılavuzuna bakın.

Faklı Ağ Kameraları için Bağlantı Noktası Aralığı Aktarım Ayarı

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

Kamera 1 ve Kamera 2 bir yönlendiriciye bağlandığında :



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

KAMERAYA PAYLAŞILAN BİR YEREL BILGISAYARDAN BAĞLANMA

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

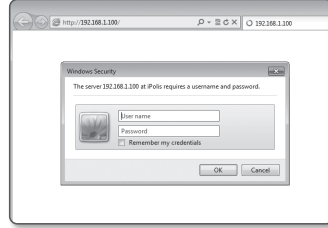


■ DDNS kullanmak için, DDNS ana sayfasında (<http://ddns.hanwha-security.com>) kaydolun ve ürünü **[DDNS Ayarlarını]>[Ürün Kaydı]** seçeneği altında kaydedin.

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.

“Şifre değiştirme” penceresi görüntülediğinde, yeni şifreyi girin.



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

Administrator password change

New password:

Confirm new password:

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

OTURUM AÇMA

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

- <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, mikrofona ses düzeyi periyodik olarak değişir.	Mikrofon sürücüsü Realtek sürücüsüne ayarlandığında ne olur. Mikrofon sürücüsü olarak Yüksek Çözünürlüklü Ses aygıtını (Windows Varsayılan Sürücü) veya üçüncü taraf sürücüyü yükleyin.
Safari tarayıcıda eklentisiz web görüntüleyiciye HTTPS aracılığıyla erişildiğinde hiçbir video görüntülenmez.	- HTTPS'e ilk olarak erişildiğinde, görüntülenen kimlik doğrulama açılır penceresinde, "Kimlik Doğrulama Sertifikasını Görüntüle" seçeneğine ve "Belirlenen webviewer IP adresine bağlanırken daima güven" seçim kutusuna tıklayın. - Aşağıdaki mesaj penceresinde "İleri" seçeneğini seçtikten sonra web görüntüleyici halen video 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 erişirseniz ve ardından farklı bir profil ile erişirseniz 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.
Ses girişi ayarları yapılandırılmış olsa bile ses kaydedilemez.	<Basic> - <Video Profili> bölümündeki <Ses Girişi> onay kutusunu işaretlemeniz gerekir.

SORUN	ÇÖZÜM
<Analiz> ögesinde <Hareket Algılama> seçeneği <Etkinleştirin> olarak ayarlandı ancak bir analiz olayı meydana geldiğinde bile bana e-posta bildirimini ulaşıyor.	- Ayarları şu sırayla doğrulayın: <Tarih ve Saat> ayarlarını kontrol edin. <Hareket Algılama> ögesi <Etkinleştir> seçeneğine ayarlanmalıdır. <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 başarısız olduğu bildiriliyor.	- NAS IP adresinin geçerli olduğunu doğrulayın. - NAS kimlik/şifre bilgilerinin geçerli olduğunu doğrulayın. - NAS kimliğini kullanarak temel klasör olarak atanan klasöre erişebildiğinizi doğrulayın. - NAS SMB/CIFS öğelerinin işaretli olmadığını doğrulayın. - NAS IP adresi ile kamera IP adresi biçiminin aynı olduğunu doğrulayın. Örn.) NAS ve kamera alt ağ maskesi varsayılan değeri 255.255.255.0'dır. IP adresi 192.168.20.32 olduğunda NAS IP adresinin 192.168.20.1~192.168.20.255 aralığında olması gerekir. - Kaydedilen veya kullanılan temel klasörü biçimlendirmeden başka bir kullanıcı olarak erişim sağlamaya çalışarak kontrol edin. - Önerilen NAS ekipmanını kullandığınızı doğrulayın.

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iproute2-4.3.0	GPL 2.0	
iptables-1.4.21	GPL 2.0	http://ftp.netfilter.org/pub/iptables
ethtool-4.2	GPL 2.0	
mtdd-1.5.2	GPL 2.0	ftp://ftp.infradead.org/pub/mtdd-utils
mi-diag-2.11	GPL 2.0	
rp-pppoe-3.11	GPL 2.0	http://www.roaringpenguin.com/pppoe/
wpa_supplicant-2.5	GPL 2.0	
bash-4.3.30	GPL 3.0	
zerocoinf	GPL 2.0	

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

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- Version 1.1

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It appears that the arithmetic coding option of the JPEG spec is covered by patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic coding cannot legally be used without obtaining one or more licenses. For this reason, support for arithmetic coding has been removed from the free JPEG software. (Since arithmetic coding provides only a marginal gain over the unpatented Huffman mode, it is unlikely that very many implementations will support it.) So far as we are aware, there are no patent restrictions on the remaining code.

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

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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).



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



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

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Ev kullanıcıları, çevreye zarar vermeden bu öğelerin nasıl ve nerede geri dönüşümünü sağlayabileceklerini öğrenmek için ürünü aldıkları perakendecilere veya yerel devlet dairelerine başvurmalarıdır.

Ticari kullanıcılar tedarikçileriyle temas kurup satın alma sözleşmesinin koşullarını ve şartlarını kontrol etmelidir. Bu ürün ve elektronik aksesuarları atma işlemi için diğer ticari atıklarla karıştırılmamalıdır.



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