

AĞ KAMERASI

Kullanım Kılavuzu

LND-6012R/LND-6022R/LND-6032R/LND-6072R
LNO-6012R/LNO-6022R/LNO-6032R/LNO-6072R
LNV-6012R/LNV-6022R/LNV-6032R/LNV-6072R

Ağ Kamerası

Kullanım Kılavuzu

Telif hakkı

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Ticari marka

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

Kısıtlama

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

Sorumluluk Reddi

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

❖ Tasarım ve spesifikasyonlar önceden bildirim yapılmadan değiştirilebilir.

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

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

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

ÖNEMLİ GÜVENLİK YÖNERGELERİ

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



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

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

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

DİKKAT

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

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

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

ITE yalnızca PoE 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.

UYARI

IR LED'i tarafından oluşabilecek hasarı önlemek için, çalışma lambasına doğrudan bakmayın.

Sadece aşağıdaki modeller için.

LND-6012R/LND-6022R/LND-6032R/LND-6072R

LNO-6012R/LNO-6022R/LNO-6032R/LNO-6072R

LVN-6012R/LVN-6022R/LVN-6032R/LVN-6072R

Risk Grubu 1

**UYARI Bu üründen IR yayılımı yapılır.
Çalışma lambasına doğrudan bakmayın**

Ürün, IEC 62471 kurallarına karşı test edilmiştir.

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ÜRÜN ÖZELLİKLERİ

- **Toz/Su geçirmez (IP66) (LNO-6012R/6022R/6032R/6072R, LNV-6012R/6022R/6032R/6072R)**
Toz geçirmez ve su geçirmez tasarım, ürünü rahatlıkla dış ortamda kurmanızı veya yağmura maruz bırakmanızı sağlar.
- **IR modu**
IR göstergesi açıldığında, ürün objenin aşırı parlaklığını önlemek için IR moduna geçer ve böylece yakın mesafedeki objeyi tanımlamanıza yardımcı olur.
- **2 megapiksel çözünürlüklü videoları destekler**
- **Çoklu Akış**
Bu ağ kamerası, videoları farklı CODEC'ler kullanarak aynı anda farklı çözünürlük ve kalitelerde görüntüleyebilir.
- **Web Tarayıcısı Tabanlı İzleme**
Bir yerel ağ ortamında görüntünün görüntülenmesi için İnternet web tarayıcısı kullanılır.
- **Alarm**
Bir olay meydana geldiğinde ilgili videolar kullanıcının kayıtlı e-postasına ve FTP sunucusuna gönderilir veya Micro SD bellek kartına kaydedilir.
- **Karıştırma Algılaması**
Video izleme sırasında karıştırma girişimlerini algılar.
- **Hareket Algılama**
Kameranın video girişinden hareketleri algılar.
- **ONVIF Uyumluluğu**
Bu ürün, ONVIF Profile S/G/T desteğine sahiptir.
Daha ayrıntılı bilgi için, bkz. www.onvif.org.



ÖNERİLEN PC ÖZELLİKLERİ

- 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)
 - VGA : PCIe 256MB GDDR3 video grafik kart veya daha üstü
- ※ Bazı işlevler desteklenen tarayıcılarda bile kısıtlanmış olabilir.

TAVSİYE EDİLEN MICRO SD/SDHC BELLEK KARTI ÖZELLİK

- Önerilen kapasite : 16 GB ~ 32 GB (MLC Tip)
- Önerilen Üreticiler : SanDisk, Transcend
- Ürün Tipi : Yüksek dayanıklılık
- Uyumluluk, kart üreticilerine ve tiplerine bağlı olarak değişir.

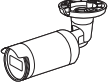
DAHİL OLANLAR (LND-6012R/6022R/6032R/6072R)

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

Görünüm	Öge Adı	Adet	Açıklama
	Kamera	1	
	Hızlı Kullanma Kılavuzu	1	
	Garanti kartı (isteğe bağlı)	1	
	Şablon	1	Ürün montaj rehberi

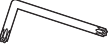
DAHİL OLANLAR (LNO-6012R/6022R/6032R/6072R)

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Görünüm	Öge Adı	Adet	Açıklama
	Kamera	1	
	Hızlı Kullanma Kılavuzu	1	
	Garanti kartı (isteğe bağlı)	1	
	Şablon	1	Ürün montaj rehberi
	RJ45 su geçirmezlik aksesuarı	1	Nemli yerlerde kurulum yapmak için kullanılır

DAHİL OLANLAR (LNV-6012R/6022R/6032R/6072R)

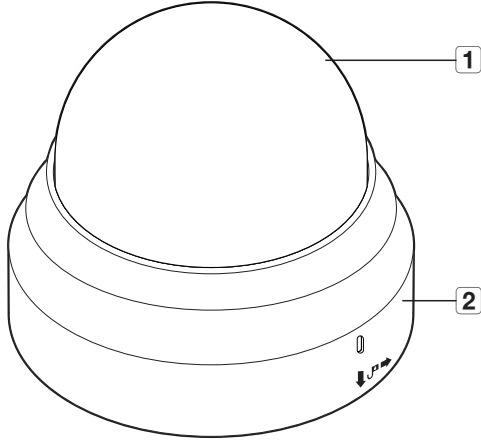
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(Satış yapılan her ülkede aksesuar aynı değildir.)

Görünüm	Öge Adı	Adet	Açıklama	Model Adı
	Kamera	1		LNV-6012R/6022R/6032R
				LNV-6072R
	Hızlı Kullanma Kılavuzu	1		Tüm modeller için kullanın
	Garanti kartı (İsteğe bağlı)	1		
	Şablon	1	Ürün montaj rehberi	
	Yıldız anahtar	1	Dom kapaklarının sökülüp takılması için kullanılır	
	Montaj plakası (İsteğe bağlı)	1	Bu, kamerayı ayrı olarak satılan bir montaj parçasına yerleştirmek için kullanılır.	LNV-6012R/6022R/6032R
		1		LNV-6072R

Görünüm	Öge Adı	Adet	Açıklama	Model Adı
	Makine Vidaları (İsteğe bağlı)	2	Ürün boruya, duvara, vb. monte edilirken kubbe muhafazasını birleştirmek veya delikleri tıkmak için kullanılır.	Tüm modeller için kullanın
	Kablo burcu	1	Ø7-8.5 çapında LAN kablosu bağlamak için kullanılır.	

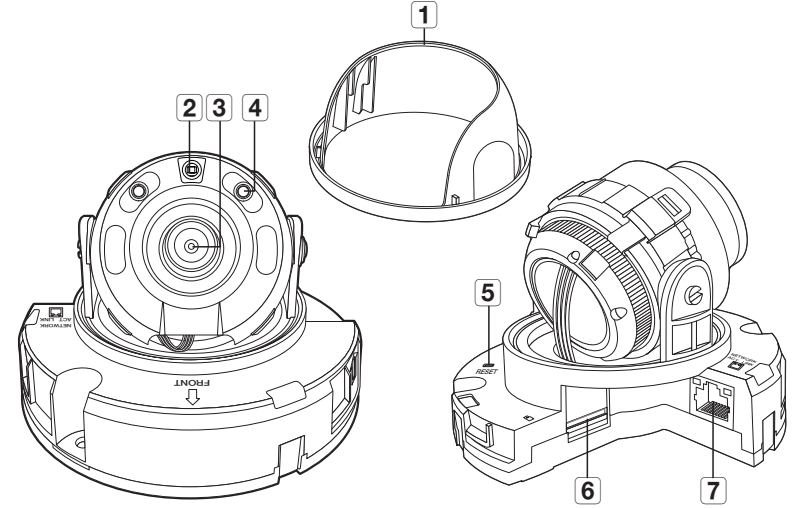
İLK BAKIŞ (LND-6012R/6022R/6032R)

Görünüm



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

Ek Cihazlar

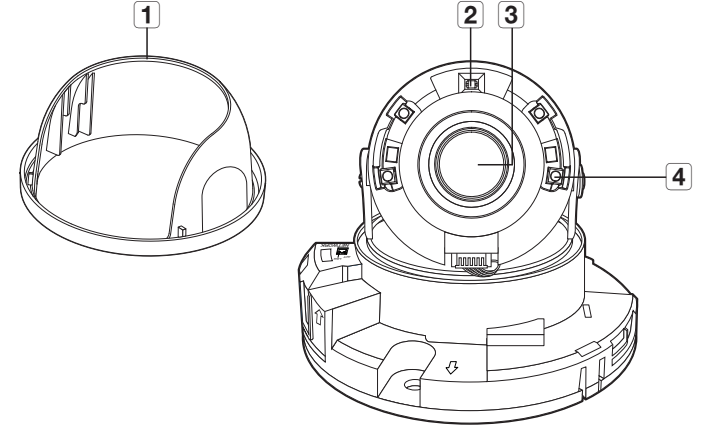
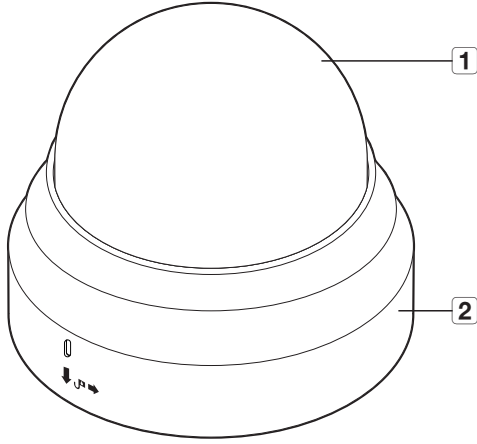


Madde	Açıklama
1 İç kapak	Ana gövde için koruyucu kapak.
2 Aydınlatma Sensörü	IR LED'i kontrol etmek için gelen ışığı algılar.
3 Mercek	Kamera Lensi.
4 IR LED'i	Bu kızılötesi LED'ler aydınlatma sensörü tarafından kontrol edilir.
5 Reset Düğmesi	Düğme, tüm kamera ayarlarını fabrika varsayılan ayarlarına geri döndürür. Sistemi yeniden başlatmak için yaklaşık 5 saniye basılı tutun. 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 Micro SD Bellek Kartı Bölmesi	Micro SD bellek kartı için bölme.
7 PoE konektörü	Ethernet kablosu üzerinden güç verin ve ağa bağlayın.

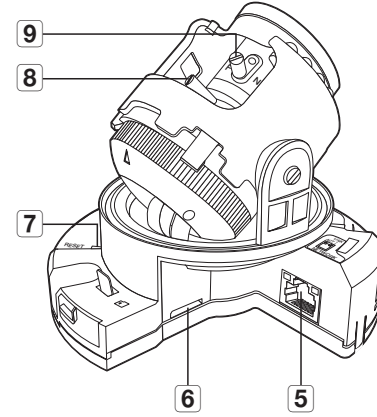
İLK BAKIŞ (LND-6072R)

Ek Cihazlar

Görünüm



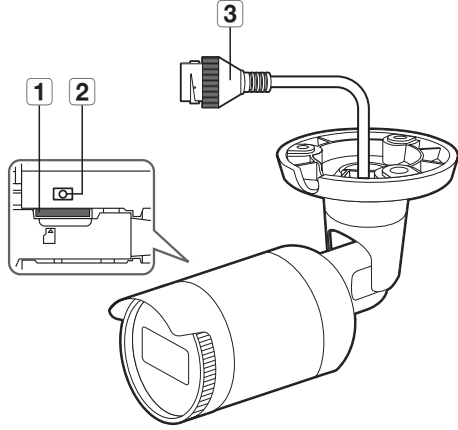
Madde	Açıklama
1 Dome Kapağı	Mercek ve ana birimi korumakta kullanılan muhafaza kapağı.
2 Kamera Muhafazası	Kamera gövdesini kapatan yuva bölümü.



Madde	Açıklama
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5 PoE konektörü	Ethernet kablosu üzerinden güç verin ve ağa bağlayın.
6 Micro SD Bellek Kartı Bölmesi	Micro SD bellek kartı için bölme.
7 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.
8 Zoom kumanda kolu	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.
9 Odak kumanda kolu	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.

İLK BAKIŞ (LNO-6012R/6022R/6032R)

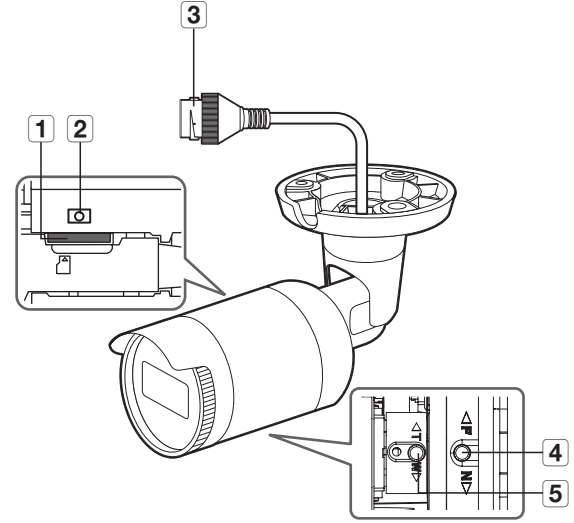
Görünüm



Madde	Açıklama
1 Micro SD kart yuvası	(Ürünün içindeki boşluk) Bu, bir Micro SD kart takabileceğiniz bir yuvadır.
2 Reset Düğmesi	Düğme, tüm kamera ayarlarını fabrika varsayılan ayarlarına geri döndürür. Sistemi yeniden başlatmak için yaklaşık 5 saniye basılı tutun. Kamerayı sıfırlarsanız, DHCP'nin etkinleştirilmesi için ağ ayarları yapılır. Ağda DHCP sunucusu yoksa, ağa bağlanabilmeniz için önce IP adresi, Alt ağ maskesi, Ağ geçidi, vb. temel ağ ayarlarını değiştirmek için Device Manager programını çalıştırmanız gerekmektedir.
3 PoE konektörü	Ethernet kablosu üzerinden güç verin ve ağa bağlayın.

İLK BAKIŞ (LNO-6072R)

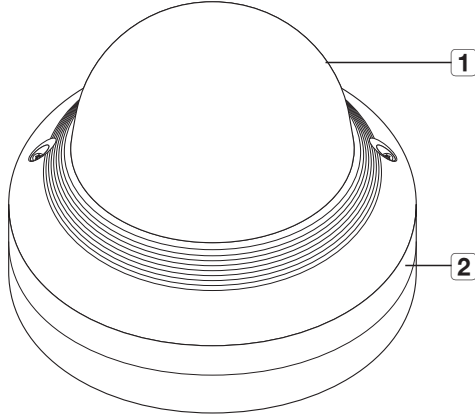
Görünüm



Madde	Açıklama
1 Micro SD kart yuvası	(Ürünün içindeki boşluk) Bu, bir Micro SD kart takabileceğiniz bir yuvadır.
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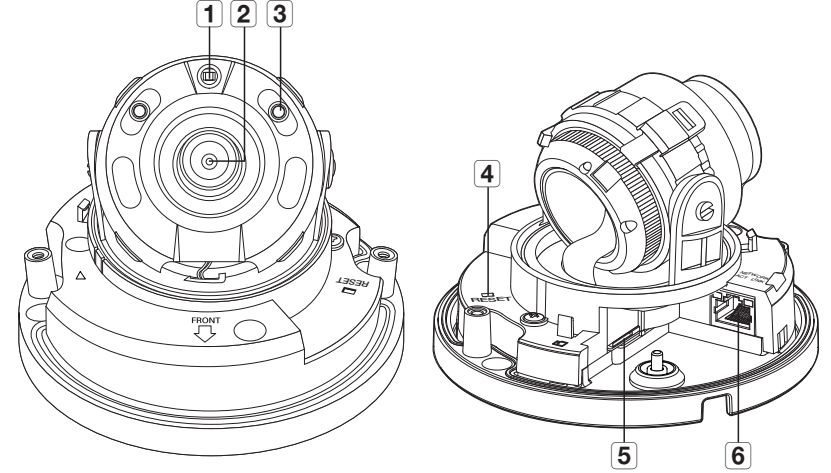
İLK BAKIŞ (LNV-6012R/6022R/6032R)

Görünüm



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

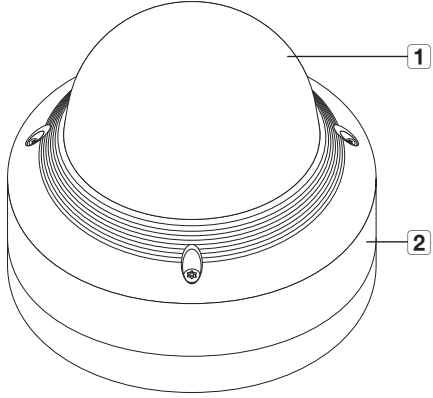
Ek Cihazlar



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 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.
5 Micro SD Bellek Kartı Bölmesi	Micro SD bellek kartı için bölme.
6 PoE konektörü	Ethernet kablosu üzerinden güç verin ve ağa bağlayın.

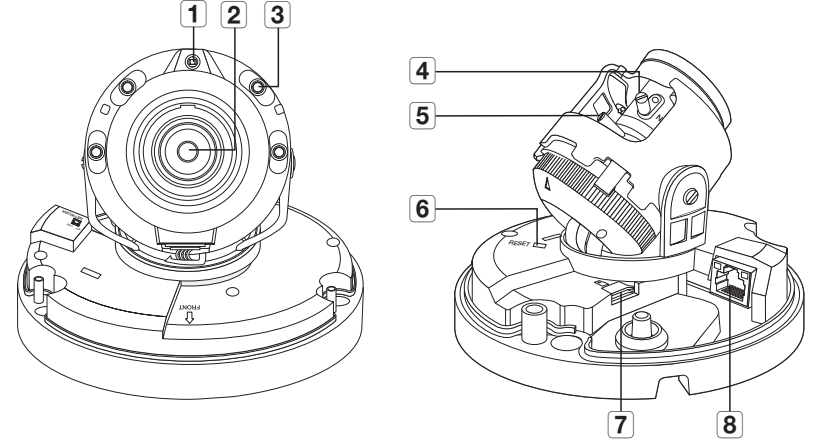
İLK BAKIŞ (LNV-6072R)

Görünüm



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

Ek Cihazlar



Madde	Açıklama	
1 Aydınlatma Sensörü	IR LED'i kontrol etmek için gelen ışığı algılar.	
2 Mercek	Kamera Lensi.	
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5 Zoom kumanda kolu	T	Yakınlaştır (Tele)
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6 Reset Düğmesi	Düğme, tüm kamera ayarlarını fabrika varsayılan ayarlarına geri döndürür. Sistemi yeniden başlatmak için yaklaşık 5 saniye basılı tutun.	
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7 Micro SD Bellek Kartı Bölmesi	Micro SD bellek kartı için bölme.	
8 PoE konektörü	Ethernet kablosu üzerinden güç verin ve ağa bağlayın.	

KURULUM (LND-6012R/6022R/6032R/6072R)

Kurulumdan Önce Alınması Gereken Önlemler

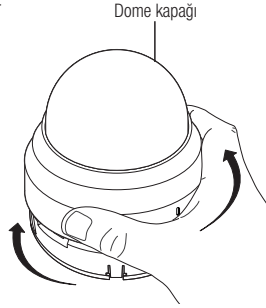
Kamerayı kurmadan önce aşağıdaki talimatları mutlaka okuyun:

- 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.

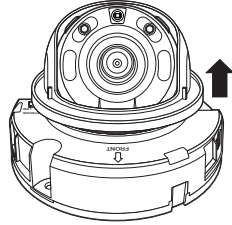
Sökme

1. 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 delikleri açın.

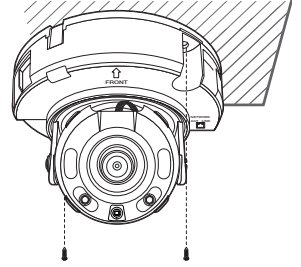


2. 2 adet kılavuz vidayı kullanarak kamerayı şablonla delinen 2 adet deliğe sabitleyin.

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

3. Kamera dahili terminalini ilgili kabloya bağlayın.

4. Merceği "Kameranin izleme yönünün ayarlanması" bölümüne bakarak istediğiniz yönde ayarlayın. (sayfa 20)

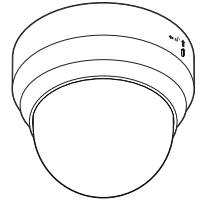
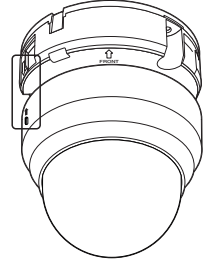


- ! ■ Lensler, fabrikada denetimleri tamamlandıktan sonra doğru bir şekilde ayarlanarak gönderildiği için, lenslere ayrı olarak dokunmamanız önerilir. Lenslere dokunulması, odağın bozulmasına veya lensin kirlenmesine neden olabilir. (LND-6012R/6022R/6032R)
- Odak ayan elle yapılan bir objektifin kullanıldığı kameralarda odak ve yakınlaştırma gibi ayarlar kurulumdan önce yapılmalıdır. Bunları ayarlarken, objektife yabancı madde yapışmaması için dikkatli olun. (LND-6072R)

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 (LNO-6012R/6022R/6032R/6072R)



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

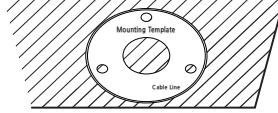
Kurulumdan Önce Alınması Gereken Önlemler

Kamerayı kurmadan önce ařağıdaki talimatları mutlaka okuyun:

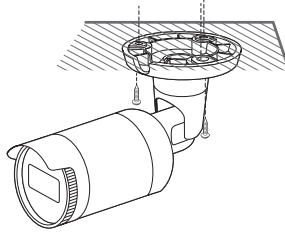
- Montaj braketi de dahil olmak üzere kameranın ağırlığının 5 katı ağırlığa dayanabilecek bir alana (tavan veya duvar) monte edilmelidir.
- Sıkıştırılmış veya soyulmuş kablolar hasara neden olabilir veya yangın çıkarabilir.
- Güvenlik açısından, kurulum alanında kimsenin bulunmamasını saęlayın. Her ihtimale karřı özel eřyalanınızı kurulum alanından uzak tutun.
- Odak ayarı elle yapılan bir objektifin kullanıldığı kameralarda odak ve yakınlařtırma gibi ayarlar kurulumdan önce yapılmalıdır. Bunları ayarlarken, objektife yabancı madde yapışmaması için dikkatli olun.

Kurulum

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



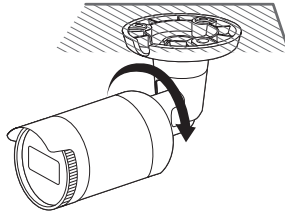
2. Kamerayı sabitlemek için 3 adet kılavuz vidayı 3 adet deliře yerleřtirip sıkın.
3. İlgili kabloları kamera terminallerine baęlayın.



4. Philips tornavida kullanarak kameranın yönünü ayarlayın.

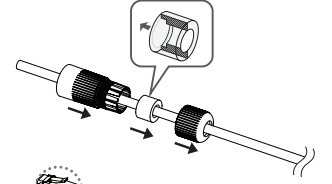


- Kamera konumunu bir destek kullanarak ayarlarken, destek vidasını gevřetin, kamerayı ayarlayın ve vidayı sıkın. Vida sıkılmış durumdayken güç uygulayarak ayarlamaya kalkışmanız durumunda, çizilme veya bařka sorunlar oluşabilir.

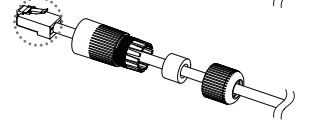


RJ45 su geçirmez kabloyu LAN kablosuna baęlama

1. Ok yönünde yerleřtirin.



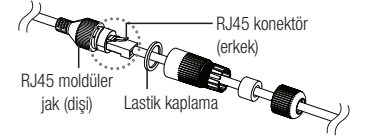
2. LAN konektörünü (erkek) kabloya baęlayın.



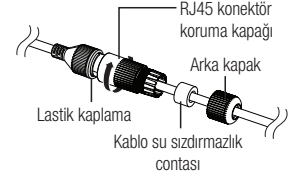
3. RJ45 modüler jakı (diři) RJ45 konektöre (erkek) baęlayın.



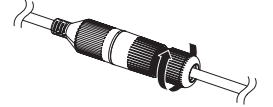
- Lütfen paraları birbirinden ayrı tutun.



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



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



- Arka kapađı RJ45 konektörün vida diřlerinin 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 kablосunu bağlayın.

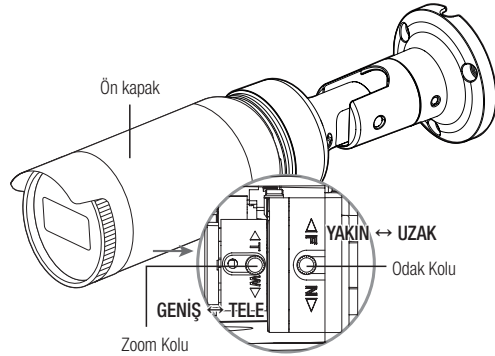
2. Siyah kablo kaplamasını (Alan A) ve kablo bağlantı alanını butil plastik bantın yarısından fazlası üst üste gelecek şekilde su geçirmez (butil plastik) bantla sarın.



- ! 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 (LNO-6072R)

- Ön kapağı şekildeki gibi gevşetin.
- Zum/odak kolunu hafifçe gevşetin.
- Zum/odak kolunu GENİŞ (YAKIN) veya TELE (UZAK) konumlarından uygun olanına getirin.
- Ardından zum/odak kolunu sıkıştırarak ayarlanmış konumu sabitleyin.
- Ön kapağı çevirerek sıkın.

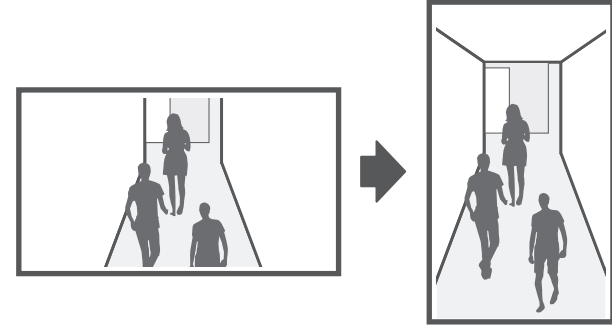
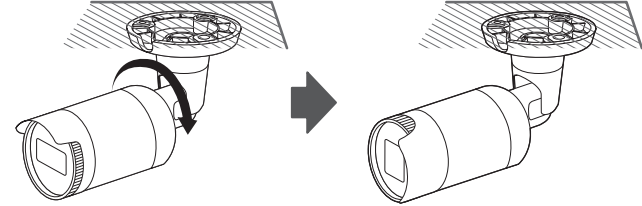


- ! Dikişsiz sızdırmazlık sağlamak için ön kapağı sonuna kadar çevirerek sıkın. Ön kapağı birleştirirken lütfen ana gövde ve ön kapağı LOCK göstergesi kilitlenecek şekilde birleştirin.
- Kolun yardımıyla zum faktörü veya odağı ayarlayın ve kolu saat yönünde çevirerek sabitleyin.
- Lensin zum faktörünü/odağını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

Koridor görünümü

Kamera, izlenen alanın dikey olarak büyütülebilmesi için, 9:16 oranında bir en boy oranı elde edecek şekilde döndürülebilir ve bu durum kamerayı dar koridorlar ve geçiş alanları için uygun hale getirir.

- ! Hem kamera gövdesini hem de ön kapağı döndürün.



KURULUM (LNV-6012R/6022R/6032R/6072R)



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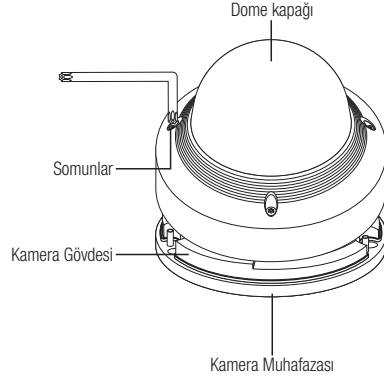
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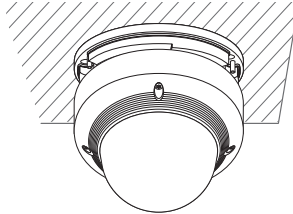
Sökme

1. Sabitleme civatalarını saat yönünün tersinde, yıldız şeklinde bir anahtar kullanarak gevşetin ve dome kapağını gevşetin .



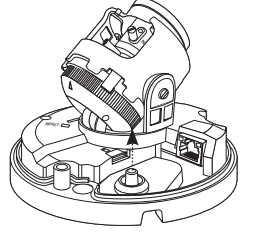
Kurulum

1. Kurulum şablonunu istenilen yere takın ve aşağıdaki şablona göre delikleri delin.
2. 3 adet kılavuz vidayı kullanarak kamerayı şablonla delinen 3 adet deliğe sabitleyin.
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 20)
5. Dome kapağını kapatın.
 - Su sızdırmayı önlemek için, yıldız anahtar kullanarak tespit civatalarını sıkıştırın.

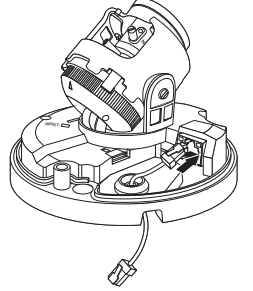


LAN kablosunun bağlanması

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.
 - Verilen bileşenler: Ø7~8.5 çapında kablo kullanın.



3. LAN kablosunu, ikinci adımda çıkıntılı parça çıkartıldığından oluşturulan delikten içeri sokun.
4. Kablo kesicisiyle kılıfı söküp ve kabloları hizalayın.
5. LAN kablosunu bir LAN konektörüne bağlayın ve LAN aracına takın.
6. Tamamlanan kabloyu Ethernet girişine bağlayın.



Bağımsız adaptöre bağlama

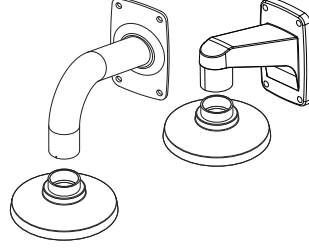
Aşağıdaki seçeneklerden (bağımsız) montaj alanına veya rahatınıza uygun, gerekli bir tanesini seçip satın alın.

1. Dome kapağını "**Sökme**" bölümünde belirtildiği şekilde muhafazadan çıkarın. (sayfa 18)
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 20)
6. Dome kapağını kapatın.
 - Su sızdırmayı önlemek için, sabitleme civatalarını bir L anahtar ile iyice sıkın.

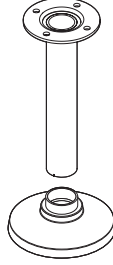
Kurulum için İsteğe Bağlı Aksesuarlar

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

1. DUVARA MONTAJ ADAPTÖRÜ (SBP-300WMW1)/ ASMA TİPİ MONTAJ PARÇASI (SBP-122HMMW : LND-6072R, LNV-6012R/6022R/6032R, SBP-301HMMW2 : LNV-6072R, SBP-300HMMW7 : LND-6012R/6022R/6032R)
Bu adaptör dome kamerayı bir duvara kurarken kullanılır.

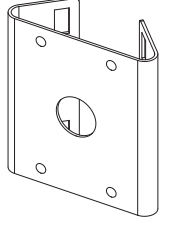


2. TAVANA MONTAJ ADAPTÖRÜ (SBP-300CMW) / ASMA TİPİ MONTAJ PARÇASI (SBP-122HMMW : LND-6072R, LNV-6012R/6022R/6032R, SBP-301HMMW2 : LNV-6072R, SBP-300HMMW7 : LND-6012R/6022R/6032R)
Bu adaptör dome kamerayı bir beton tavana kurarken kullanılır.



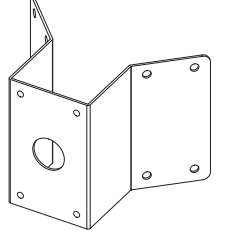
3. DİREĞE MONTAJ ADAPTÖRÜ (SBP-300PMW)

Bu aksesuar, çapı 80 mm.den büyük olan bir direğe DUVARA MONTAJ ADAPTÖRÜ (SBP-300WMW1) ile kurulum için kullanılan bir adaptördür.

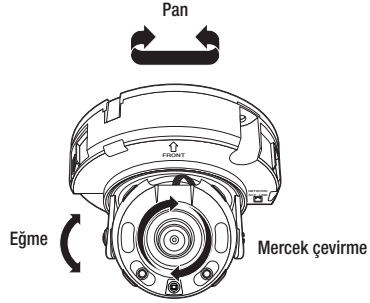


4. KÖŞEYE MONTAJ ADAPTÖRÜ (SBP-300KMW)

Bu aksesuar, duvar derzinin köşesine DUVARA MONTAJ ADAPTÖRÜ (SBP-300WMW1) ile kurulum için kullanılan bir adaptördür.



Kameranın izleme yönünün ayarlanması (LND-6012R/6022R/6032R/6072R, LNV-6012R/6022R/6032R/6072R)



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.

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.

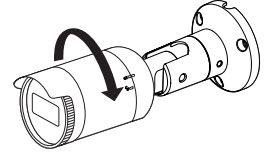
MİCRO SD BELLEK KARTININ TAKILMASI/ÇIKARILMASI



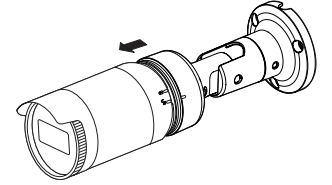
- Micro SD bellek kartını takmadan önce güç kablosunu kameradan çıkartın.
- Micro SD bellek kartını ters tutarak ve zorlayarak takmayın. Aksi takdirde Micro SD bellek kartı zarar görebilir.
- Micro SD kartın yağmur yağarken ya da nem yüksek olduğunda takılması veya çıkarılması önerilmez.
- Ürün kapağını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

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

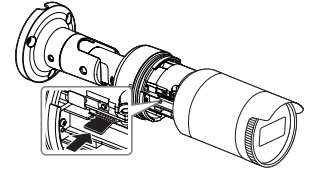
1. Ön kapağı KİLİT AÇ [🔓] yönünde döndürün.



2. Ön kapağı çekerek ayırın.

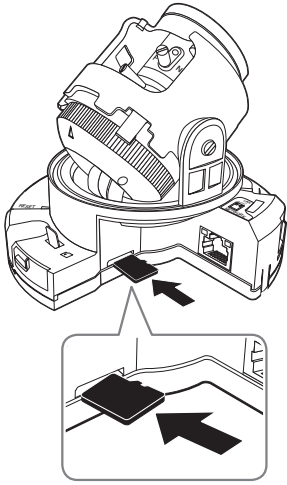


3. Micro SD kartı, şekilde gösterildiği gibi ok yönünde takın.

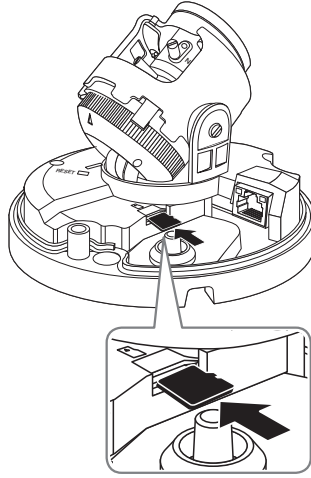


Micro SD Bellek Kartının Takılması (LND-6012R/6022R/6032R/6072R, LNV-6012R/6022R/6032R/6072R)

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



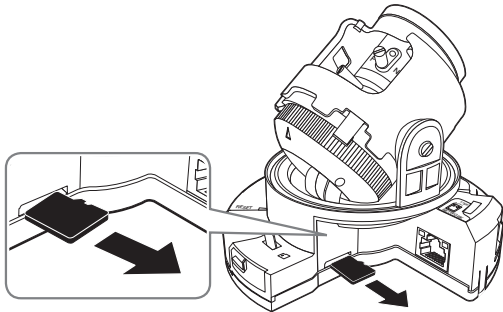
<LND-6012R/6022R/6032R/6072R>



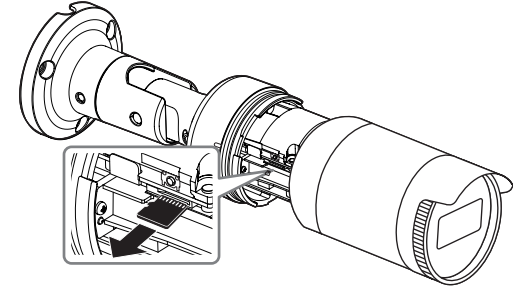
<LNV-6012R/6022R/6032R/6072R>

Micro SD Bellek Kartının Çıkarılması

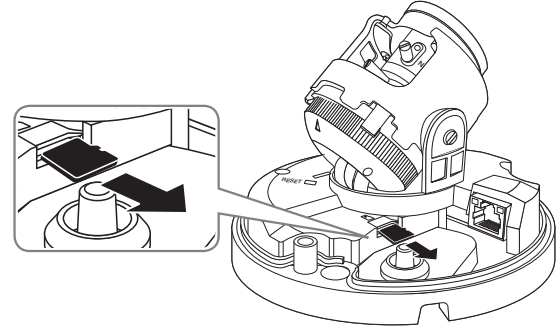
Hafıza kartını yuvasından çıkartmak için şemada gösterildiği gibi hafıza kartının açık tarafından yavaşça basın.



<LND-6012R/6022R/6032R/6072R>



<LNO-6012R/6022R/6032R/6072R>



<LNV-6012R/6022R/6032R/6072R>

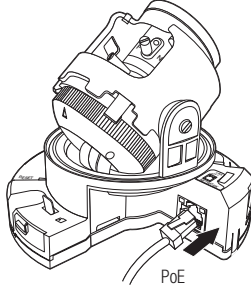


- Micro SD bellek kartını çıkartmadan önce, <Depolama> alanında, cihazı <Kapalı> duruma getirin ve [Uygula] düğmesine basarak kamerayı kapatın.
- Fotoğraf makinesini kapatırsanız veya üründen veriler içeren Micro SD bellek kartını çıkarırsanız, veriler kaybolabilir veya hasar görebilir.

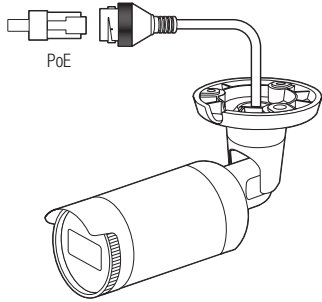
GÜÇ VERME VE AĞ İLETİŞİMİ

PoE cihazınızı kameraya bağlayın.

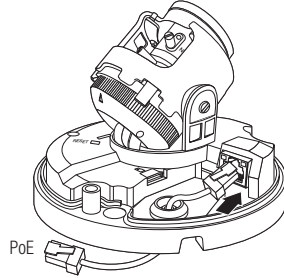
- PoE (Power over Ethernet) etkinleştirilmiş bir yönlendiricinin PoE konektörüne bağlayın.
- IEEE802.3af standardını kullanan PoE (PoE) ekipman kullanın.



<LND-6012R/6022R/6032R/6072R>



<LND-6012R/6022R/6032R/6072R>



<LNV-6012R/6022R/6032R/6072R>

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	

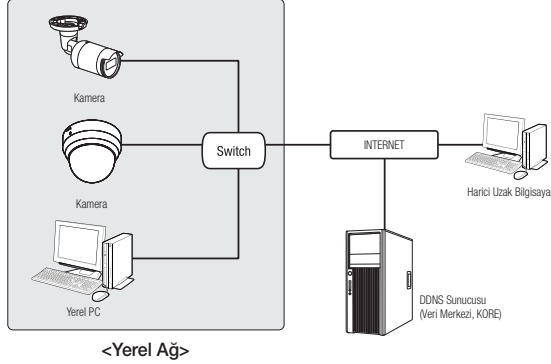
- Kategori 5e standartlarından farklı bir kablo kullanmanız halinde 100 m iletim mesafesi garanti edilmez.

Ağ ayarlarınızı ağ yapılandırmanıza göre ayarlayabilirsiniz.

KAMERAYI DOĞRUDAN YEREL ALAN AĞINA BAĞLAMAK

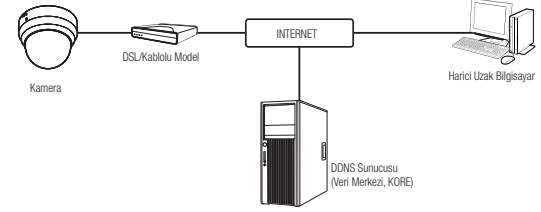
Kameraya Lan Üzerinde Yerel Bir Pc'den Bağlanmak

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 24)

KAMERANIN DOĞRUDAN BİR DHCP TABANLI DSL/KABLOLU MODEME BAĞLANMASI



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

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

DEVICE MANAGER'I KULLANMA



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

KAMERAYI OTOMATİK OLARAK ARAMA

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

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

IP ADRESİNİ YAPILANDIRMA

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

Statik IP'yi yapılandırma

IP adresi ve port bilgilerini manuel olarak ekleyin ve yapılandırın.

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

Bir Geniş Bant yönlendirici kullanılmıyorsa

Ağ yöneticisinden <IP Adres>, <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 26)

Geniş Bant yönlendiriciye bağlı birden fazla kamera varsa

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

örn)

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



- <HTTP Port> 80 dışında bir değere 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.

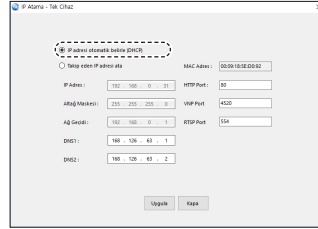
6. Başarılı mesajı görüntülenirse, [Tamam] seçeneğine tıklayın.

Dinamik IP'yi Yapılandırma

DHCP'den IP adresini alın

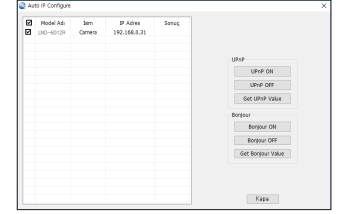
- Dinamik IP ortamı örneği
 - Kameraların bağlı olduğu bir Geniş Bant yönlendiricisine DHCP sunucusu tarafından bir IP adresi atanmışsa
 - Kamera, DHCP protokolleri kullanılarak doğrudan modeme bağlanıyorsa
 - IP'ler LAN aracılığıyla dahili DHCP sunucusu tarafından atanmışsa

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

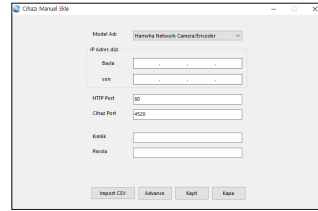
1. Listeden IP'sini otomatik olarak yapılandırmak istediğiniz kameraya tıklayın.
2. Device Manager'ın ana sayfasındaki < + > seçeneğine tıklayın.
 - Ekipman Ayarı menüsü görünür.
3. Menüde <Auto IP Configure (Oto IP Yapılandır)> seçeneğine tıklayın.
4. [Kapa] düğmesine tıklayın.



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, kimlik ve şifre bilgilerini ekleyin.
4. [Kayıt] düğmesine tıklayın.
5. Kameranın kayıtlı olup olmadığını kontrol edin.
 - Kameraya yapıştırılmış etiketteki MAC adresini kontrol edin.

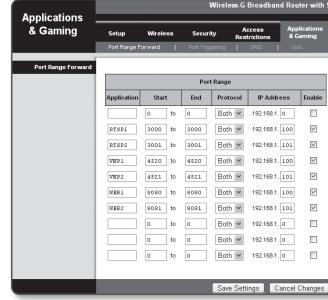


BAĞLANTI NOKTASI ARALIĞI AKTARIM (BAĞLANTI NOKTASI EŞLEME) AYARI

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.

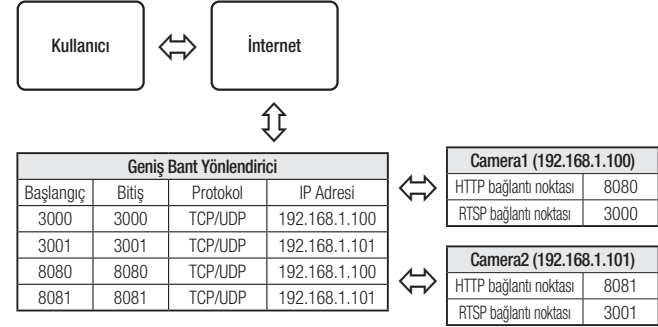


- Port yönlendirme ayarı, CISCO IP yönlendirici ayarına bir örnektir.
- Ayarlar, bağlı Geniş Bant yönlendiricisinin modeline göre farklılık gösterebilir. Daha ayrıntılı bilgi için, geçerli yönlendiricinin kullanım kılavuzuna bakın.

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 tıklatın.
İnternet tarayıcı başlatılır ve kameraya bağlanır.



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

KAMERAYA İNTERNET ARACILIĞIYLA UZAK BİR BILGISAYARDAN BAĞLANMA

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>

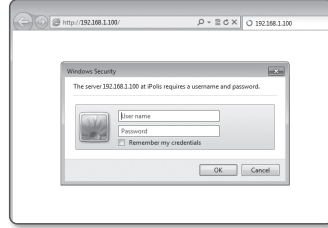


■ DDNS kullanmak için, DDNS ana sayfasında (<http://ddns.hanwha-security.com>) kaydolun ve ürünü **[DDNS Ayarlarını]** > **[Ürün Kaydı]** seçeneği altında kaydedin.

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 kablolu modeme veya DSL modeme bağlıysa, her ISP (İnternet Hizmet Sağlayıcısı) sunucusuna bağlanmaya çalıştığınızda ağınızın IP adresi değişecektir. Böyle bir durumda DDNS tarafından değiştirilen IP adresi size bildirilmez.

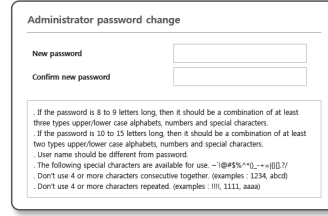
DDNS sunucusuyla dinamik IP bazlı bir aygıt kaydettiğinizde aygıt erişmeye çalıştığınızda değişen IP'yi kolayca kontrol edebilirsiniz.

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

ŞİFRE AYARI

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

- 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 tekrarlanması önerilir.
- Şifrenizi kaybettiyseniz, ürünü sıfırlamak için **[RESET]** düğmesine basabilirsiniz. Bir deftere not ederek ya da ezberleyerek şifrenizi kaybetmeyin.



Administrator password change

New password

Confirm new password

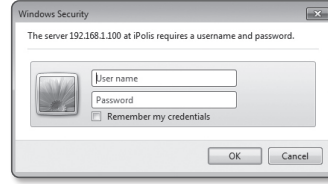
. If the password is 8 to 9 letters long, then it should be a combination of at least three types: upper/lower case alphabets, numbers and special characters.
. If the password is 10 to 15 letters long, then it should be a combination of at least two types: upper/lower case alphabets, numbers and special 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: 1111, aaaa)

OTURUM AÇMA

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

1. <User name> giriş kutusuna **"admin"** yazın. Yönetici kimliği olan **"admin"** sabittir ve değiştirilemez.
2. Şifreyi <Password> giriş alanına girin.
3. **[OK]** ögesine tıklayın. Oturum Açma başarılı olduğunda, Live Viewer ekranı açılır.

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



Windows Security

The server 192.168.1.100 at iPolis requires a username and password.

User name

Password

☐ Remember my credentials

OK Cancel

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

KAMERA WEB GÖRÜNTÜLEYİCİSİ KURULUMU

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

SORUN GİDERME

SORUN	ÇÖZÜM
Safari tarayıcıda eklentisiz web görüntüleyiciye HTTPS aracılığıyla erişildiğinde hiçbir video görüntülenmez.	• HTTPS'e ilk olarak erişildiğinde, görüntülenen kimlik doğrulama açılır penceresinde, "Kimlik Doğrulama Sertifikasını Görüntüle" seçeneğine ve "Belirlenen webviewer IP adresine bağlanırken daima güven" seçim kutusuna tıklayın. • Aşağıdaki mesaj penceresinde "İleri" seçeneğini seçtikten sonra web görüntüleyici halen video görüntülememeye devam ederse, Safari tarayıcıdan çıkmak için komut tuşu + Q tuşuna basın, sayfaya yeniden erişin ve yukarıda belirtilen işlemleri uygulayın.
Kameraya ağ tarayıcısından erişemiyorum.	• Kameranın Ağ ayarlarının uygun olduğuna emin olmak için kontrol edin. • Bütün ağ kablolarının düzgün olarak bağlandığına emin olmak için kontrol edin. • Eğer DHCP ile bağlanılmışsa, kameranın problemsiz olarak dinamik IP adresi alabildiğini kontrol edin. • Eğer kamera bir Geniş Bant yönlendiriciye bağlıysa, port yönlendirmenin doğru yapılandırıldığını kontrol edin.
İzleme sırasında izleyici bağlantısı kopuyor.	• Bağlı izleyicilerin 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, H.264 ve H.264 (Farklı Ayarlar olan Profiller) profillerine erişir ve ardından farklı bir profil ile erişerseniz, bağlantı kaybedilir.
Ağa bağlı kamera, Device Manager programında algılanmaz.	• PC'nizdeki güvenlik duvarını kapatın ve kamerayı tekrar aratın.
Görüntüler üstüste biniyor.	• İki ya da daha fazla kameranın farklı adresler yerine tek bir multicast adrese ayarlanıp ayarlanmadığını kontrol edin. Eğer birden çok kamera için tek bir adres kullanılmışsa, görüntüler üstüste binebilir.
Görüntü belirmiyor.	• Eğer iletim yöntemi multicast olarak ayarlanmışsa, kameranın bağlandığı LAN üzerinde multicast destekleyen yönlendirici olup olmadığını kontrol edin.

SORUN	ÇÖZÜM
<Hareket Algılama> özelliği, <Olay> sayfasında <Etkinleştirin> olarak ayarlanmışken bir hareket algılama olayı oluşturulsa bile dosya e-posta ile aktarılmaz.	• Ayarları şu sırayla doğrulayın: A. <Tarih ve Saat> ayarlarını kontrol edin. B. <Hareket Algılama> ögesi <Etkinleştir> 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.

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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	
mtcd-1.5.2	GPL 2.0	ftp://ftp.infradead.org/pub/mtcd-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	
lnetutils	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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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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