

AĞ KAMERASI

Kullanım Kılavuzu

XND-L6080R/XND-L6080RV/XND-L6080V
XNO-L6080R
XNV-L6080/XNV-L6080R

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 sağlamıştır.
Verilen fiş prizinize uymuyorsa tam uyan bir prizle değiştirmek için elektrikçiyle görüşün.
10. Özellikle fişlerde, priz yuvalarında ve üründen çıkan uçlarda sıkışan veya yürüyüş yolu üzerinde olan güç kablolarını koruyun.
11. Yalnızca üretici tarafından belirtilen ekleri/ aksesuarları kullanın.
12. Yalnızca üretici tarafından belirtilen veya cihazla birlikte satılan tekerlekli taşıma sehpa, kamera ayağı, üç ayaklı sehpa, dirsek veya masa kullanın. Tekerlekli taşıma sehpa kullanıldığında, devrilmeden kaynaklanabilecek yaralanmalardan kaçınmak için sehpa/cihaz kombinasyonunu dikkatli taşıyın.
13. Fırtına sırasında veya uzun süre kullanılmadan bırakıldığında bu cihazı prizden çıkartın.
14. Bütün servis işlemlerini yetkili servis personeline bildirin. Güç kaynağı kordonu veya fişin zarar görmesi, sıvının dökülmesi veya cihazın içine nesne düşmesi, cihazın yağmura veya neme maruz kalması, normal çalışmaması veya düşmesi gibi herhangi bir şekilde cihaz hasar gördüğünde servis gereklidir.
15. Ürünü kurarken aşırı güç kullanırsanız, kamera hasar görebilir ve arıza yapabilir.
Uyumsuz aletler kullanarak ürünü zorla yüklerseniz, ürün hasar görebilir.
16. 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.
17. Ürünü kurarken, ürün yüzeyinin kimyasal madde ile lekelenmesine izin vermemeye dikkat edin.
Temizleyici veya yapıştırıcı gibi bazı kimyasal solventler ürünün yüzeyine ciddi hasar verebilir.
18. Ürünü tavsiye edildiği şekilde kurmazsanız/kaldırmazsanız, üretim işlevleri/performans garanti edilemez.
Kullanıcı kılavuzundaki "Kurulum ve Bağlantı" bölümüne bakarak ürünü kurun.
19. 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 prize bağlanmalıdır.

Pil

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

Batarya 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

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

Kolay kurulum için üründe CVBS çıkış terminali bulunur ve izleme amacı için önerilmez.

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

ITE yalnızca PoE ağılarına bağlanabilir, harici bir tesise yöneltilemez.

Lütfen aşağıdaki önerilen güvenlik önlemlerini dikkatle okuyun.

- Bu cihazı düz olmayan bir yüzeye yerleştirmeyin.
- Doğrudan güneş ışığına maruz kalacağı bir yüzeye, ısıtma cihazlarının yakınına veya aşırı soğuk bir alana monte etmeyin.
- Bu cihazı iletken nesnelerin yakınına yerleştirmeyin.
- Bu cihazı kendiniz onarmaya çalışmayın.
- Ürünün üzerine su dolu bir bardak koymayın.
- Manyetik kaynakların yakınına monte etmeyin.
- Havalandırma açıklıklarını kapatmayın.
- Ürünün üzerine ağır nesneler koymayın.
- Kamerayı kurarken/sökerken lütfen koruyucu eldiven giyin. Ürünün yüksek sıcaklıktaki yüzeyi yanmaya neden olabilir.

Kullanım Kılavuzu, ürünlerin nasıl kullanılabileceğini gösteren bir kılavuz kitaptır.

Kitaptaki kullanım sembolü şu anlamlara gelmektedir.

- Referans : Ürünün kullanımına yardımcı olacak bilgiler sağlandığında
 - Uyarı : Talimata uyulmaması nedeniyle ürünün zarar görmesi veya yaralanma olasılığı söz konusuysa
- ✖ Lütfen bu kılavuzu ürünleri kullanmadan önce güvenliğinizi için okuyun ve güvenli bir yerde saklayın.

Özel kurulum ortamlarında telsiz iletişimde girişim olabilir.

Ürün ile radyo iletişim cihazı arasında elektromanyetik dalga girişimleri olduğunda, ikisi arasında belirli mesafeyi korumanız veya alıcı antenin yönünü değiştirmeniz önerilir.

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ÖNERİLEN PC ÖZELİKLERİ

- CPU : Intel(R) Core(TM) i7 3.4 GHz veya daha üstü
- RAM : 8G veya üstü
- Desteklenen İşletim Sistemi : MS Windows, Mac OS X
- **Web viewer**
Önerilen tarayıcı: Google Chrome
Desteklenen Tarayıcılar MS Edge, MS IE, Firefox (sadece Window 64bit), Apple Safari (sadece Mac OSX)

※ Bazı işlevler desteklenen tarayıcılarda bile kısıtlanabilir.

TAVSİYE EDİLEN MICRO SD/SDHC/SDXC BELLEK KARTİ ÖZELLİK

- Önerilen kapasite: 16 GB ila 256 GB (MLC tipi)
- Bu kamera için aşağıdaki üreticilerin aşağıda belirtilen bellek kartı türleri önerilir.
 - Üretici: SanDisk, Transcend
 - Ürün ailesi: Yüksek dayanıklılık

NAS İÇİN ÖNERİLEN TEKNİK ÖZELLİKLER

- Önerilen kapasite : 200GB veya üstü önerilir.
- Eşzamanlı erişim : Tek bir NAS birimi en çok on altı kameranın erişimini kabul edebilir.
- Bu kamera için, aşağıdaki üretici teknik özelliklerine sahip bir NAS kullanmanız önerilir.

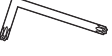
Önerilen ürünler	Mevcut boyutlar
QNAP NAS	Eşzamanlı olarak en fazla 16 kamera erişebilir.
Synology NAS	Eşzamanlı olarak en fazla 16 kamera erişebilir.



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

DAHİL OLANLAR (XND-L6080R/L6080RV/L6080V)

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		XND-L6080R
		1		XND-L6080RV/ L6080V
	Hızlı Kullanma Kılavuzu (İsteğe bağlı)	1	Kameranın taşınabilir bir görüntü cihazına bağlantısını test etmek için kullanılır	Tüm modeller için kullanın
	Garanti kartı (İsteğe bağlı)	1		
	Monitör test kablosu	1		
	Şablon	1		
	Kılavuz Vida	2		
	Allen Anahtarı	1	Dome kapağını çıkarmak ve değiştirmek için kullanılır	XND-L6080RV/ L6080V

Görünüm	Öge Adı	Adet	Açıklama	Model Adı
Seçenekler (dahil değildir)				
	İç Mekan Gömülü Muhafaza		İç mekan gömülü tip kameraları montaj için muhafaza	Tüm modeller için kullanın

DAHİL OLANLAR (XNO-L6080R)

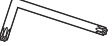
Kameranızın ve aksesuarlarınızın ürün ambalajında bulunup bulunmadığını lütfen kontrol edin.
(Satış yapılan her ülkede aksesuar aynı değildir.)

Görünüm	Öge Adı	Adet	Açıklama
	Kamera	1	
	Hızlı Kullanma Kılavuzu (İsteğe bağlı)	1	
	Garanti kartı (İsteğe bağlı)	1	
	Monitör test kablosu	1	Kameranın taşınabilir bir görüntü cihazına bağlantısını test etmek için kullanılır
	Şablon	1	Ürün montaj rehberi
	Allen Anahtarı	1	Dome kapağını çıkarmak ve değiştirmek için kullanılır
	Kılavuz Vida	3	Duvara ya da tavana montaj için kullanılır

Görünüm	Öge Adı	Adet	Açıklama
	Güneşlik	1	Kamerayı direkt güneş ışığından korur.
	Güneşlik sabitleme vidası	1	Güneşliği kameraya sabitler.
	RJ45 su geçirmezlik aksesuarı	1	Nemli yerlerde kurulum yapmak için kullanılır
	RJ45 su geçirmez aksesuar montaj kılavuzu	1	

DAHİL OLANLAR (XNV-L6080/L6080R)

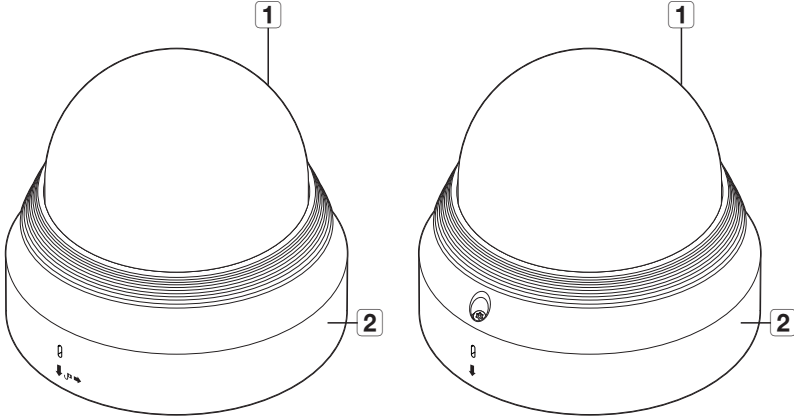
Kameranızın ve aksesuarlarınızın ürün ambalajında bulunup bulunmadığını lütfen kontrol edin.
(Satış yapılan her ülkede aksesuar aynı değildir.)

Görünüm	Öge Adı	Adet	Açıklama
	Kamera	1	
	Hızlı Kullanma Kılavuzu (İsteğe bağlı)	1	
	Garanti kartı (İsteğe bağlı)	1	
	Monitör test kablosu	1	Kameranın taşınabilir bir görüntü cihazına bağlantısını test etmek için kullanılır
	Şablon	1	Ürün montaj rehberi
	Kılavuz Vida	3	Duvara ya da tavana montaj için kullanılır
	Allen Anahtarı	1	Dome kapağını çıkarmak ve değiştirmek için kullanılır

Görünüm	Öge Adı	Adet	Açıklama
	Dübel	3	Vidaları sabitlemek için kullanılır, Deliklere takılır (sabitleme kuvvetini artırır)
	Makine Vidaları	3	Ürün boruya, duvara, vb. monte edilirken kubbe muhafazasını birleştirmek veya delikleri tıkmak için kullanılır.
	Üst Kapak Kurulum Aparatı	1	RJ45 kablo bağlanırken kullanılır
Seçenekler (dahil değildir)			
	İç Mekan Gömülü Muhafaza		İç mekan gömülü tip kameraları montaj için muhafaza

İLK BAKIŞ (XND-L6080R/L6080RV/L6080V)

Görünüm

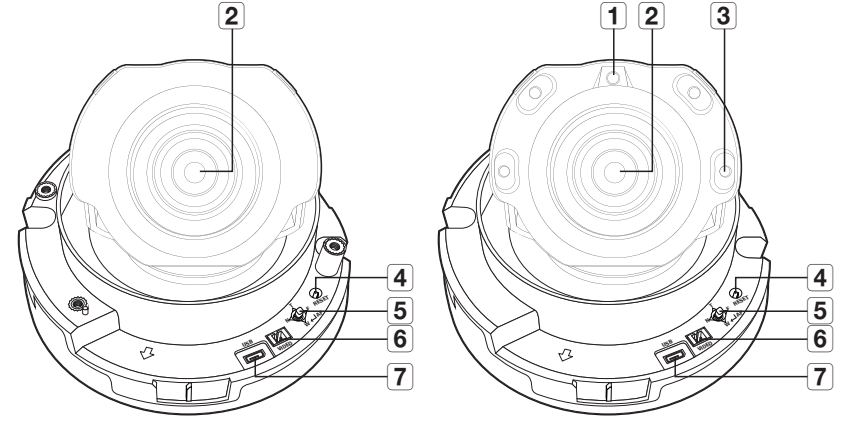


<XND-L6080R>

<XND-L6080RV/L6080V>

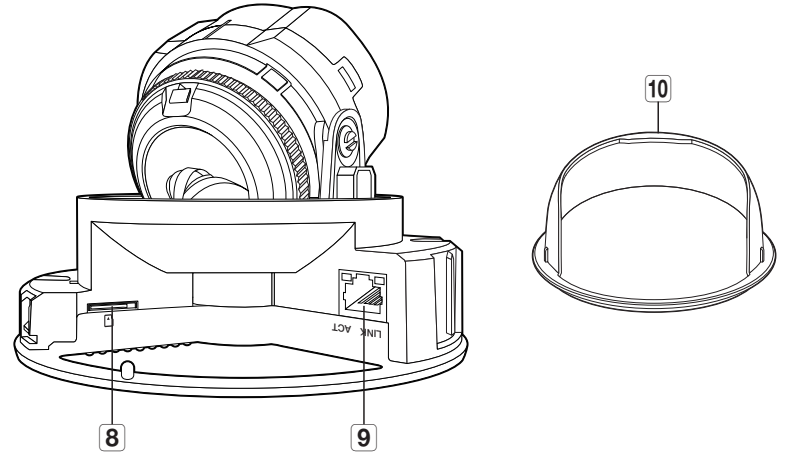
Madde	Açıklama
1 Dome Kapağı	Mercek ve ana birimi korumakta kullanılan muhafaza kapağı.
2 Kamera Muhafazası	Kamera gövdesini kapatan yuva bölümü.

Ek Cihazlar



<XND-L6080V>

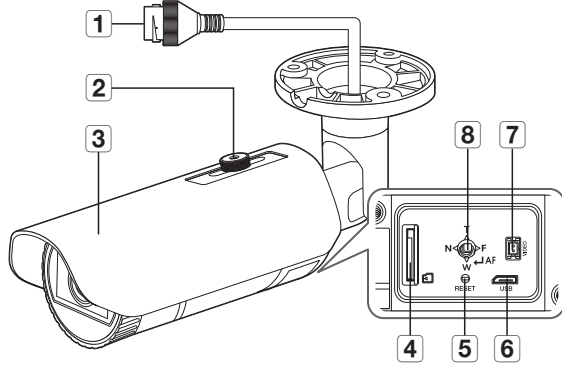
<XND-L6080R/L6080RV>



Madde	Açıklama
1 Aydınlatma Sensörü	IR LED'i kontrol etmek için gelen ışığı algılar.
2 Mercek	Kamera Lensi.
3 IR LED'i	Bu kızıltesi LED'ler aydınlatma sensörü tarafından kontrol edilir.
4 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 Yakınlaştırma/Odak Kontrol Düğmesi	T Yakınlaştır (Tele)
	W Uzaklaştır (Geniş)
	N Yakındaki bir nesneye odaklanma (Yakın)
	F Uzak bir nesneye odaklanma (Uzak)
	Odak Kontrolü Otomatik odak kontrolü için bu düğmeye basın.
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 MICRO USB bağlantı noktası	WiFi dongle'nin bağlanacağı bağlantı noktası. Akıllı telefondaki uygulamaları kullanarak yükleme videosuna göz atabilirsiniz. Sayfa 22'deki " WiFi dongle'na bağlanma " bölümüne bakın. ■ WiFi dongle'ı, ve OTG adaptörü ayrı satılır.
8 Micro SD Bellek Kartı Bölmesi	Micro SD bellek kartı için bölme.
9 PoE Konektörü	Bir Ethernet kablosu üzerinden ağa bağlanır ve güç sağlar.
10 İç kapak	Ana gövde için koruyucu kapak.

İLK BAKIŞ (XNO-L6080R)

Görünüm & Ek Cihazlar

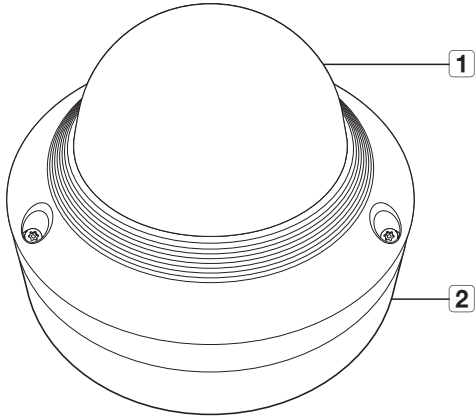


Madde	Açıklama
1 PoE Konektörü	Bir Ethernet kablosu üzerinden ağa bağlanır ve güç sağlar.
2 Güneşlik sabitleme vidası	Güneşliği kameraya sabitler.
3 Güneşlik	Kamerayı direkt güneş ışığından korur.
4 Micro SD kart yuvası	(Ürünün içindeki boşluk) Bu, bir Micro SD kart takabileceğiniz bir yuvadır.
5 Reset 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 USB bağlantı noktası	WiFi dongle'inin bağlanacağı bağlantı noktası. Akıllı telefondaki uygulamaları kullanarak yükleme videosuna göz atabilirsiniz. Sayfa 22'deki "WiFi dongle'ine bağlanma" bölümüne bakın. ■ WiFi dongle'i, ve OTG adaptörü ayrı satılır.

Madde	Açıklama	
7 Test Monitörü Çıkışı	Video çıkışı izlemesinin test edilmesi için çıkış portu. Mobil ekrana bağlanmak için test monitörü kablosunu kullanın ve test videosunu kontrol edin.	
8 Yakınlaştırma/Odak Kontrol Düğmesi	T	Yakınlaştır (Tele)
	W	Uzaklaştır (Geniş)
	N	Yakındaki bir nesneye odaklanma (Yakın)
	F	Uzak bir nesneye odaklanma (Uzak)
	Odak Kontrolü	Otomatik odak kontrolü için bu düğmeye basın.

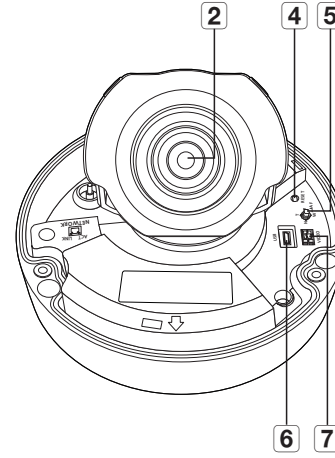
İLK BAKIŞ (XNV-L6080/L6080R)

Görünüm

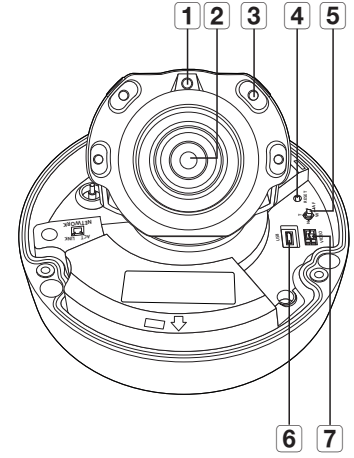


Madde	Açıklama
1 Dome Kapağı	Mercek ve ana birimi korumakta kullanılan muhafaza kapağı.
2 Kamera Muhafazası	Kamera gövdesini kapatan yuva bölümü.

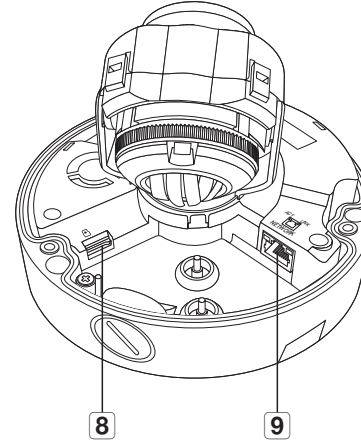
Ek Cihazlar



<XNV-L6080>



<XNV-L6080R>



Madde	Açıklama
1 Aydınlatma Sensörü	IR LED'i kontrol etmek için gelen ışığı algılar.
2 Mercek	Kamera Lensi.
3 IR LED'i	Bu kızıltesi LED'ler aydınlatma sensörü tarafından kontrol edilir.
4 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 Yakınlaştırma/Odak Kontrol Düğmesi	T Yakınlaştır (Tele)
	W Uzaklaştır (Geniş)
	N Yakındaki bir nesneye odaklanma (Yakın)
	F Uzak bir nesneye odaklanma (Uzak)
	Odak Kontrolü Otomatik odak kontrolü için bu düğmeye basın.
6 MICRO USB bağlantı noktası	WiFi dongle'inin bağlanacağı bağlantı noktası. Akıllı telefondaki uygulamaları kullanarak yükleme videosuna göz atabilirsiniz. Sayfa 22'deki " WiFi dongle'ine bağlanma " bölümüne bakın. ■ Wifi dongle'i ve OTG, ayrı satılır.
7 Test Monitörü Çıkışı	Video çıkışı izlemesinin test edilmesi için çıkış portu. Mobil ekrana bağlanmak için test monitörü kablосunu kullanın ve test videosunu kontrol edin.
8 Micro SD Bellek Kartı Bölmesi	Micro SD bellek kartı için bölme.
9 PoE Konektörü	Bir Ethernet kablosu üzerinden ağa bağlanır ve güç sağlar.

KURULUM (XND-L6080R)

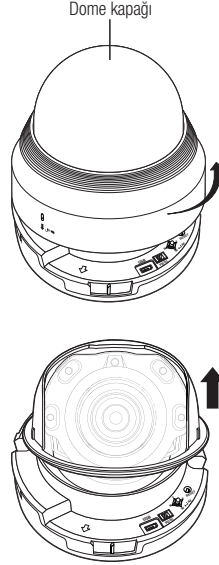
Kurulumdan Önce Alınması Gerekten Önlemler

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.
- Ürün kullanılırken aşırı güç uygulanırsa, kamera arıza nedeniyle hasar görebilir. Uyumlu olmayan araçlarla kurmaya çalışmak ürüne hasar verebilir.

Sökme

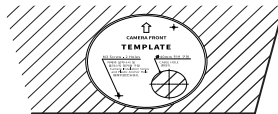
1. Kameranın alt kısmını tutmak için bir elinizi kullanın ve sökmek için diğer elinizle kapağı saat yönünün tersine çevirin.



2. Çıkarmak için iç kapağı kaldırın.

Kurulum

1. Kurulum şablonunu izleme yönüne göre takın ve şablona uyacak bir delik açın.
 - Kamerayla izleme yönünü öne getirmek için kamerada yazılı <↑> işaretini ayarlayın.



2. Kamerayı deliğe sabitlemek için verilen kılavuz vidayı kullanın.

3. Kamera dahili terminalini ilgili kabloya bağlayın.

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



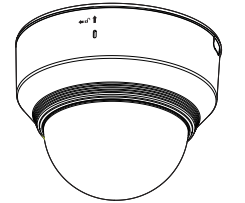
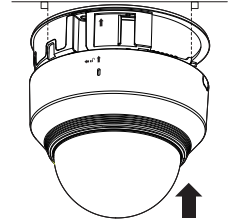
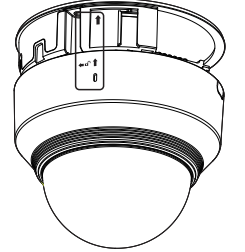
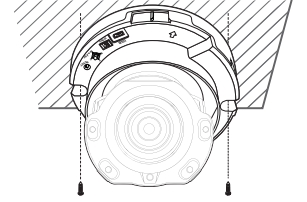
- Kameranın odak ayarı son üretim sürecinde uygun şekilde yapıldığından, lense dokunmamanızı öneririz. Aksi halde, lens odak ayarı bozulabilir veya yabancı maddeler lensin kirlenmesine neden olabilir.

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.



- Kubbe kapağını bağlarken, okları hizalayın ve ana gövdeye dik olarak bağlayın. Kubbe kapağının düzgün bağlanmaması, lens etrafındaki kaputun bozulmasına ve dolayısıyla yansımanın dağılmasına neden olabilir. Kubbe kapağını sıkıca sabitleyin. Kubbe kapağının döndürülmemiş veya düzgün bir şekilde monte edilmemiş olması dağınık yansıma neden olabilir veya objektifin etrafındaki parçaların hareket etmesi dolayısı ile çekim aralığının değişmesine yol açabilir.
- 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 (XND-L6080RV/L6080V)

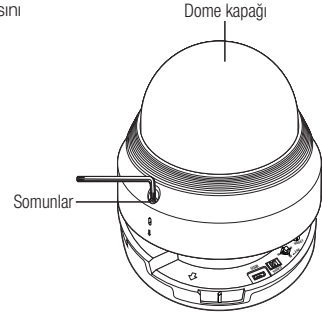
Kurulumdan Önce Alınması Gereken Önlemler

Kamerayı kurmadan önce aşağıdaki talimatları mutlaka okuyun:

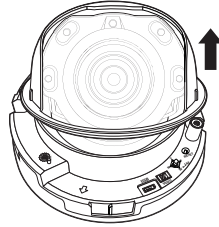
- Montaj braketi de dahil olmak üzere kameranın ağırlığının 5 katı ağırlığa dayanabilecek bir alana (tavan veya duvar) monte edilmelidir.
- Sıkıştırılmış veya soyulmuş kablolar hasara neden olabilir veya yangın çıkarabilir.
- Güvenlik açısından, kurulum alanında kimsenin bulunmamasını sağlayın. Her ihtimale karşı özel eşyalarınızı kurulum alanından uzak tutun.
- Ürün kullanılırken aşın güç uygulanırsa, kamera arıza nedeniyle hasar görebilir. Uyumlu olmayan araçlarla kurmaya çalışmak ürüne hasar verebilir.

Sökme

1. Dom kapağını, ürünle birlikte verilen L anahtarı ile tespit civatasını gevşettikten sonra saat yönünün tersine döndürerek çıkarın.

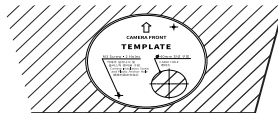


2. Çıkarmak için iç kapağı kaldırın.



Kurulum

1. Kurulum şablonunu izleme yönüne göre takın ve şablona uyacak bir delik açın.
 - Kamerayla izleme yönünü öne getirmek için kamerada yazılı < ↑ > işaretini ayarlayın.



2. Kamerayı deliğe sabitlemek için verilen kılavuz vidayı kullanın.
3. Kamera dahili terminalini ilgili kabloya bağlayın.
4. Merceği "Kameranin izleme yönünün ayarlanması" bölümüne bakarak istediğiniz yönde ayarlayın. (sayfa 20)

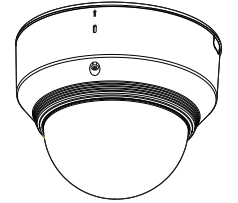
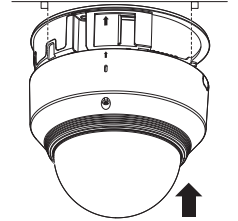
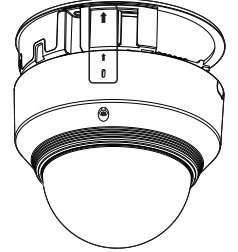
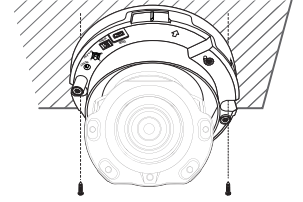
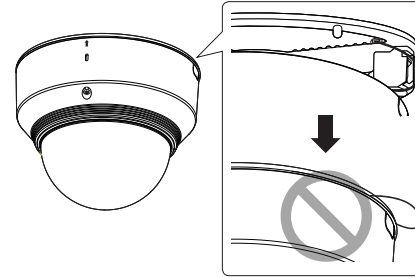


- Kameranın odak ayarı son üretim sürecinde uygun şekilde yapıldığından, lense dokunmanızı öneririz. Aksi halde, lens odak ayarı bozulabilir veya yabancı maddeler lensin kirlenmesine neden olabilir.

5. Lütfen iç kapağı ana gövdeye bağlayın.
6. Bir elinizle kameranın alt kısmını, diğer elinizle kapağı tutun; okları hizalayın ve altı köşeli anahtarı kullanarak birleştirin.



- Kubbe kapağını bağlarken, okları hizalayın ve ana gövdeye dik olarak bağlayın. Kubbe kapağının düzgün bağlanmaması, lens etrafındaki kaputun bozulmasına ve dolayısıyla yansımanın dağılmasına neden olabilir. Kubbe kapağının diğer parçaya sıkıca bağlandığından emin olun. Kubbe kapağı ana gövdenin tabanına doğru şekilde bağlanmamışsa, dağınık yansıma meydana gelebilir.
- 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.
- Kubbe kapağını kameraya monte ederken, güvenlik telinin kubbe kapağı ve fotoğraf makinesi arasında sıkışıp kalmamasına dikkat edin. Bu, IR'de dağınık bir yansıma meydana gelecektir.



KURULUM (XNO-L6080R)



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

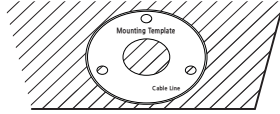
Kurulumdan Önce Alınması Gereken Önlemler

Kamerayı kurmadan önce aşağıdaki talimatları mutlaka okuyun:

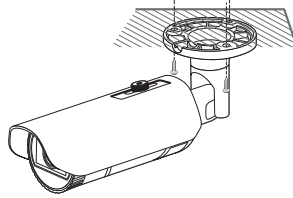
- Montaj braketini de dahil olmak üzere kameranın ağırlığının 5 katı ağırlığa dayanabilecek bir alana (tavan veya duvar) monte edilmelidir.
- Sıkıştırılmış veya soyulmuş kablolar hasara neden olabilir veya yangın çıkarabilir.
- Güvenlik açısından, kurulum alanında kimsenin bulunmamasını sağlayın. Her ihtimale karşı özel eşyalarınızı kurulum alanından uzak tutun.
- Güneşlik deliğini, güneşliği bağlamaktan başka bir amaç için kullanmayın.
- Ürünü kurarken aşırı güç kullanırsanız, kamera hasar görebilir ve anıza yapabilir. Uyumsuz aletler kullanarak ürünü zorla yüklerseniz, ürün hasar görebilir.

Kurulum

1. Kurulum şablonunu izleme yönüne göre takın ve şablona uyacak bir delik açın.



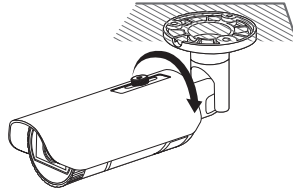
2. Kamerayı deliğe sabitlemek için verilen kılavuz vidayı kullanın.
3. İlgili kablolar kamera terminallerine bağlayın.



4. Birlikte verilen L anahtarı kullanarak kameranın yönünü ayarlayın.

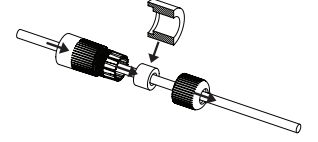


- Kamera konumunu bir destek kullanarak ayarlarken, destek vidasını gevşetin, kamerayı ayarlayın ve vidayı sıkın. Vida sıkılmış durumdayken güç uygulayarak ayarlayamaya kalkışmanız durumunda, çizilme veya başka sorunlar oluşabilir.

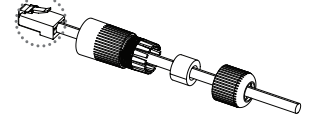


RJ45 su geçirmez kabloyu LAN kablosuna bağlama

1. Ok yönünde yerleştirin.



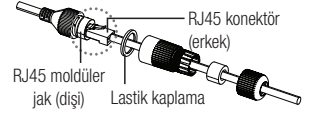
2. LAN konektörünü (erkek) kabloya bağlayın.



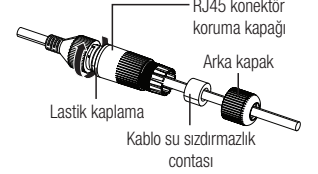
3. RJ45 modüler jakı (dişi) RJ45 konektöre (erkek) bağlayın.



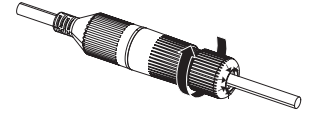
- Lütfen parçaları birbirinden ayrı tutun.



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



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

KURULUM (XNV-L6080/L6080R)



- 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.

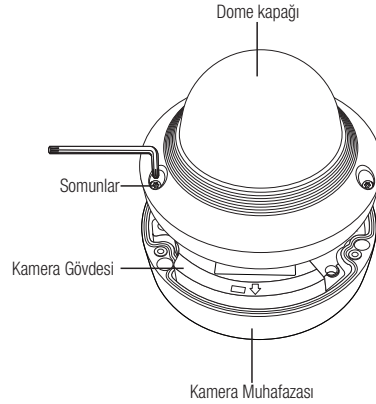
Kurulumdan Önce Alınması Gereken Önlemler

Kamerayı kurmadan önce aşağıdaki talimatları mutlaka okuyun:

- Montaj 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.
- Ürün kullanılırken aşırı güç uygulanırsa, kamera arıza nedeniyle hasar görebilir. Uyumlu olmayan araçlarla kurmaya çalışmak ürüne hasar verebilir.

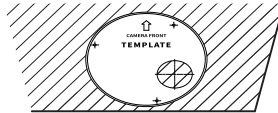
Sökme

1. Dom kapağını, ürünle birlikte verilen L anahtarı ile tespit civatasını gevşettikten sonra saat yönünün tersine döndürerek çıkarın.

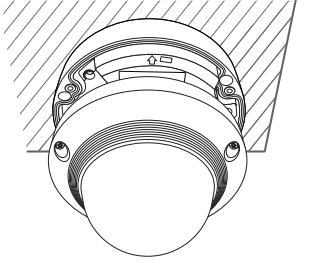


Kurulum

1. Kurulum şablonunu izleme yönüne göre takın ve şablona uyacak bir delik açın.
 - Kamerayla izleme yönünü öne getirmek için kamerada yazılı <↑> işaretini ayarlayın.

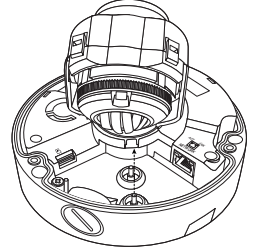


2. Ürünle birlikte verilen plastik tutturucu parçayı sonuna kadar sokun.
3. Alt deliği bağlantı deliği ile hizalayın ve klavuz vidayı takıp sabitleyin.
4. Gerekli kabloları bağlayın ve kamera montajı sırasında zarar görmemeleri veya sıkışmaması için gerekli şekilde düzenleyin.
5. Merceği "**Kameranın izleme yönünün ayarlanması**" bölümüne bakarak istediğiniz yönde ayarlayın. (sayfa 20)
6. Dome kapağını kapatın.
 - Su sızmasını önlemek için, sabitleme civatalarını bir L anahtar ile iyice sıkın.

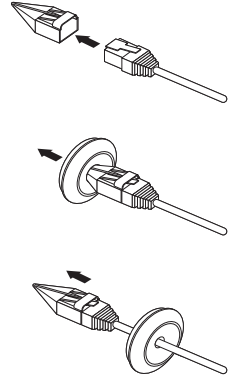


LAN kablusunun bağlanması

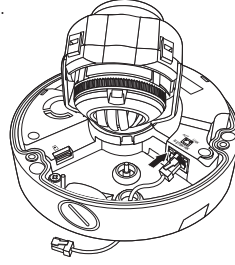
1. Dome kapağını ve muhafazayı sökün.
2. Tabandaki sünger tapanın uzun çıkıntılı kısmını çekin ve şekilde gösterildiği gibi çıkarın.
3. Deliğin üzerindeki kauçuk kapağı çekip çıkarın.



4. RJ45 kablusunun geçmesi için Kapak Kurulum Aparatını kullanın.



5. Lastik tapayı yeniden takın ve LAN kablosunu Ethernet terminaline bağlayın.



Bağımsız adaptöre bağlama

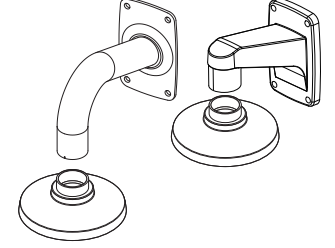
Aşağıdaki seçeneklerden (bağımsız) montaj alanına veya rahatınıza uygun, gerekli bir tanesini seçip satın alın.

1. Dome kapağını "**Sökme**" bölümünde belirtildiği şekilde muhafazadan çıkarın. (sayfa 18)
2. Cihazla beraber verilen makine vidasını, kamera gövdesinin bağımsız adaptöre bağlanmasında 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 sızıntısını önlemek için, sabitleme cıvatalarını bir L anahtar ile iyice sıkın.

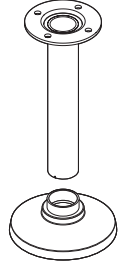
Kurulum için İsteğe Bağlı Aksesuarlar

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

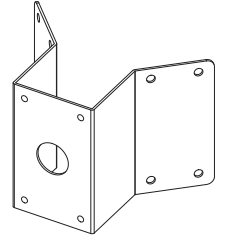
1. DUVARA MONTAJ ADAPTÖRÜ (SBP-300WM veya SBP-300WM1) / ASMA TİPİ MONTAJ PARÇASI (XND-L6080R/L6080RV/L6080V : SBP-300HM8, XNV-L6080/L6080R : SBP-300HM6)
Bu adaptör dome kamerayı bir duvara kurarken kullanılır.



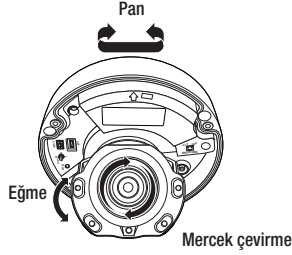
2. TAVANA MONTAJ ADAPTÖRÜ (SBP-300CM) / ASMA TİPİ MONTAJ PARÇASI (XND-L6080R/L6080RV/L6080V : SBP-300HM8, XNV-L6080/L6080R : SBP-300HM6)
Bu adaptör dome kamerayı bir beton tavana kurarken kullanılır.



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



Kameranın izleme yönünün ayarlanması (XND-L6080R/L6080RV/L6080V, XNV-L6080/L6080R)



■ İzleme yönünün ayarlanması

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

- Etkili pan aralığı toplam 354 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. Kamerayı kurduktan sonra, izlenecek yönü göz önünde bulundurarak, Kaydırma açısını ayarlayın.
2. Görüntü ters olmayacak şekilde yatak açısı ayarlayın.
3. Eğim açısını, kamera izlenen nesneye dönecek şekilde ayarlayın.

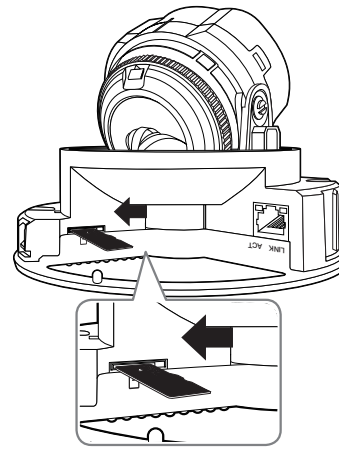
MİCRO SD BELLEK KARTININ TAKILMASI/ÇIKARILMASI



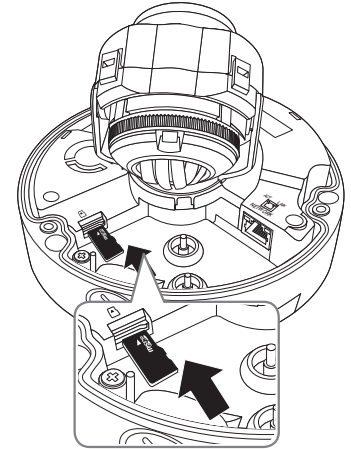
- Micro SD bellek kartını takmadan önce güç kablosunu kameradan çıkartın.
- Micro SD bellek kartını ters tutarak ve zorlayarak takmayın. Aksi takdirde Micro SD bellek kartı zarar görebilir.
- Micro SD kartın yağmura yağarken ya da nem yüksek olduğunda takılması veya çıkarılması önerilmez.
- Ürün kapağını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

Micro SD Bellek Kartının Takılması

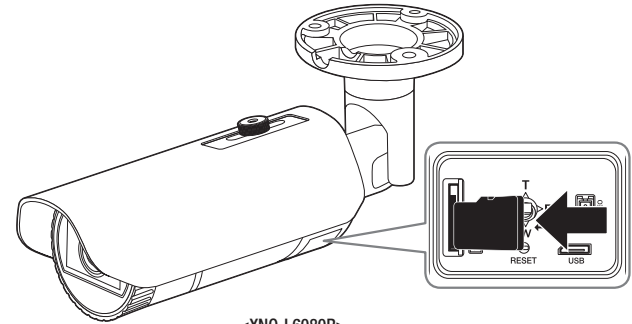
1. Micro SD kartı, şekilde gösterildiği gibi ok yönünde takın.



<XND-L6080R/L6080RV/L6080V>



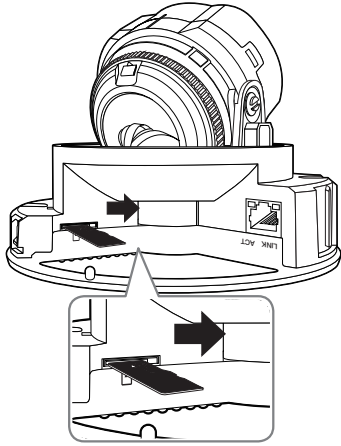
<XNV-L6080/L6080R>



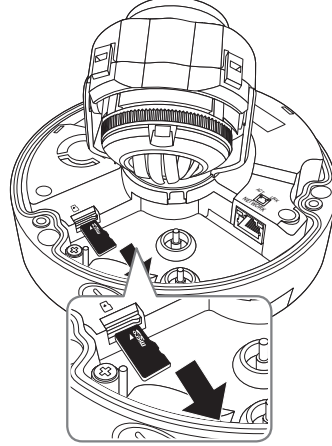
<XNO-L6080R>

Micro SD Bellek Kartının Çıkarılması

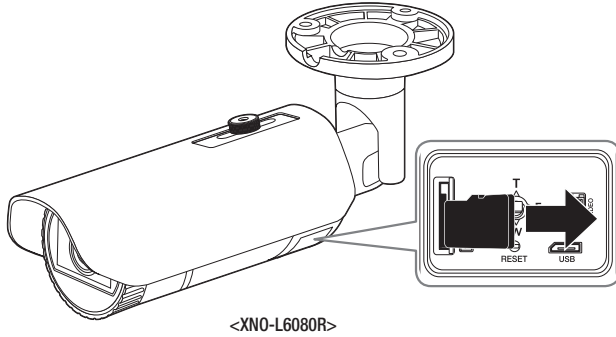
Hafıza kartını yuvasından çıkartmak için şemada gösterildiği gibi hafıza kartının açık tarafından yavaşça basın.



<XND-L6080R/L6080RV/L6080V>



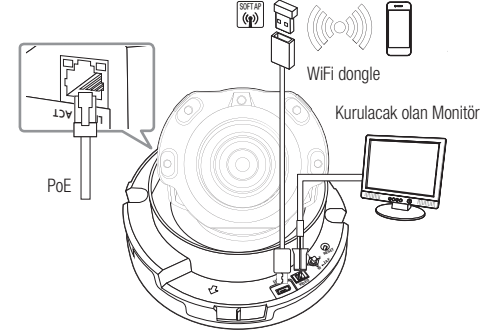
<XNV-L6080/L6080R>



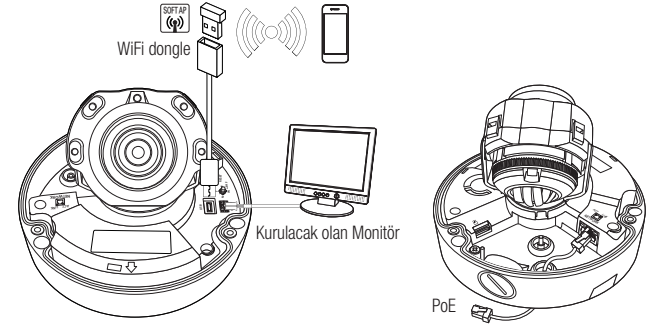
<XNO-L6080R>

- Dikkatli olun; Micro SD bellek kartını çıkık haldeyken sertçe itip bırakırsanız kameradan dışarı fırlayabilir.
- 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.

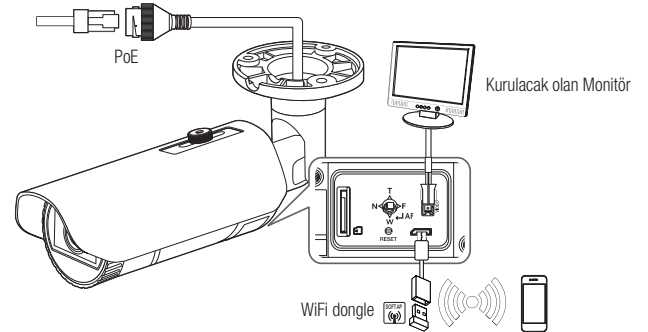
DiĞER CİHAZLARLA BAĞLANTI



<XND-L6080R/L6080RV/L6080V>



<XNV-L6080/L6080R>



<XNO-L6080R>



- Kolay kurulum için üründe CVBS çıkış terminali bulunur ve izleme amacı için önerilmez.
- Kolay kurulum için üründe Micro USB çıkış terminali bulunur ve izleme amacı için önerilmez.
- Bu üründe, yoğunlaşmayı önleyen ekstra bir nem geçirmez parça bulunur. Ürün, karakteristik özelliklerinden dolayı, güç açıldığında yoğunlaşma yapabilir; ancak bu durum iki - üç saat sonra kaybolur.

Ethernet Bağlantısı

Ethernet kablosunu yerel ağa veya İnternete bağlayın.

WiFi Bağlantısı

Kamera Ayarı

1. OTG adaptörünü (5 pimli) ve WiFi dongle'ını mikro USB terminaline bağlayın.

Akıllı Telefon Kurulumu

1. Wisenet kurulum uygulamasını yükleyin.
2. WiFi'yi açtıktan sonra kamera SSID'sini seçin.
3. Wisenet kurulum uygulamasını çalıştırın.
4. Kameraaya oturum açtığınızda görüntü bağlantısı kurulur (başlangıç parolası: 4321)
 - Başlangıç bağlantısı esnasında, görüntüler oturum açılmadan oynatılır.
5. Akıllı telefonunuz üzerinden görüntüleri izlerken görüş açısını ayarlayabilirsiniz.

Önerilen dongle üreticisi

Üretici	Model
NETIS	WF2123 n300
EDIMAX	EW-7811Un
IP Time	N100mini
TP-LINK	TL-WN823N V1
ASUS	USB-N13
NETGEAR	WNA3100M

Güç ve ağ

PoE cihazınızı kameraya bağlayın.

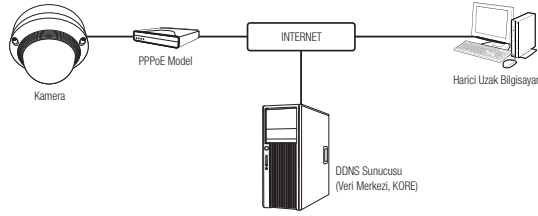


- PoE (Ethernet Üzerinden Güç) özelliği etkinleştirilmiş bir yönlendiricinin PoE konektörüne bağlayın.
- IEEE802.3af standardını destekleyen PoE (Ethernet Üzerinden Güç) ekipmanını kullanın.

Ağ Kablosu Özellikleri

Öge	İçindekiler	İşaret
Konektör	RJ45	
Ethernet	10/100/BASE-T	10/100 Mbps
Kablo	UTP Kategori 5e	
Maks Mesafe	100M	DC direnci $\leq 0.188 \Omega/m$
PoE Desteği	IEEE 802.3af	

KAMERANIN DOĞRUDAN PPPoE MODEME BAĞLANMASI

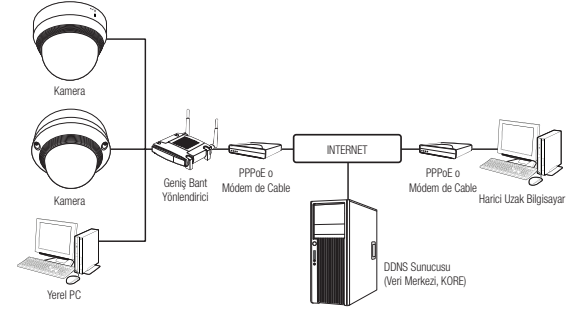


1. Kullanıcı bilgisayarını doğrudan ağ kamerasıyla bağlayın.
2. Device Manager'ı çalıştırın ve İnternet'e bağlanmak için masaüstünüzdeki web tarayıcısını kullanabilmek amacıyla kameranın IP adresini değiştirin.
3. İnternet tarayıcısını kullanarak web görüntüleyiciye bağlanın.
4. [Ayarlar] sayfasına gidin.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

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

KAMERANIN BİR GENİŞ BANT YÖNLENDİRİCİYE PPPoE/KABLO MODEMLE BAĞLANMASI

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



Bir Geniş Bant yönlendiriciye bağlı yerel bilgisayarın ağ ayarlarının yapılandırılması

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

- Seçin : <Network> → <Properties> → <Local Area Connection> → <General> → <Properties> → <Internet Protocol (TCP/IP)> → <Properties> → <Obtain an IP address automatically> ya da <Use the following IP address>.
 - Eğer <Use the following IP address> seçtiyseniz aşağıdaki talimatları takip edin:
 - örn1) Eğer Geniş Bant yönlendiricinin adresi (LAN IP) 192.168.1.1 ise
IP address : 192.168.1.100
Alt Ağ Maskesi : 255.255.255.0
Varsayılan Ağ Geçidi : 192.168.1.1
 - örn2) Eğer Geniş Bant yönlendiricinin adresi (LAN IP) 192.168.0.1 ise
IP address : 192.168.0.100
Alt Ağ Maskesi : 255.255.255.0
Varsayılan Ağ Geçidi : 192.168.0.1
 - örn3) Eğer Geniş Bant yönlendiricinin adresi (LAN IP) 192.168.xxx.1 ise
IP address : 192.168.xxx.100
Alt Ağ Maskesi : 255.255.255.0
Varsayılan Ağ Geçidi : 192.168.xxx.1
- Geniş Bant yönlendiricinin adresi için ürün belgelerine bakınız.
 - Geniş bant yönlendiricinin bağlantı noktası iletimi hakkında daha fazla bilgi için bkz. "Bağlantı Noktası Aralığı Aktarım (Bağlantı Noktası Eşleme) Ayarı". (sayfa 27)

DEVICE MANAGER'I KULLANMA



- Device Manager programı, Hanwha 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 27)

Geniş Bant yönlendiriciye bağlı birden fazla kamera varsa

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

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

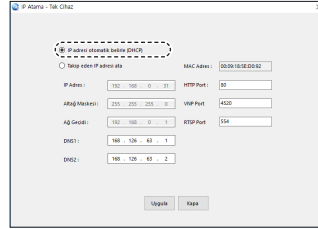
6. Başarılı mesajı görüntülenirse, [Tamam] seçeneğine tıklayın.

Dinamik IP'yi Yapılandırma

DHCP'den IP adresini alın

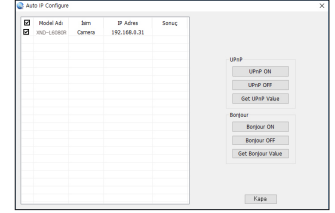
- Dinamik IP ortamı örneği
 - Kameraların bağlı olduğu bir Geniş Bant yönlendiricisine DHCP sunucusu tarafından bir IP adresi atanmışsa
 - Kamera, DHCP protokolleri kullanılarak doğrudan modeme bağlanıyorsa
 - IP'ler LAN aracılığıyla dahili DHCP sunucusu tarafından atanmışsa

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



IP'YI OTOMATİK OLARAK YAPILANDIRMA

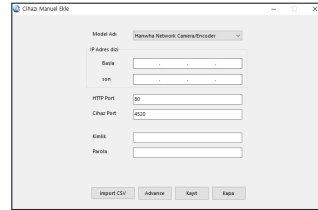
1. Listedeki IP'sini otomatik olarak yapılandırmak istediğiniz kameraya tıklayın.
2. Device Manager'ın ana sayfasındaki < + > seçeneğine tıklayın.
 - Ekipman Ayarı menüsü görünür.
3. Menüde <Auto IP Configure (Oto IP Yapılandır)> seçeneğine tıklayın.
4. [Kapa] düğmesine tıklayın.



KAMERAYI MANUEL OLARAK KAYDETME

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

1. Device Manager'ın ana sayfasındaki <Cihaz Ekle> – <Cihazı Manuel Ekle> seçeneğine tıklayın.
2. Aradığınız IP adresi aralığını ekleyin.
3. Kaydettiğiniz kameranın <Model adı> seçin ve HTTP portu, 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.

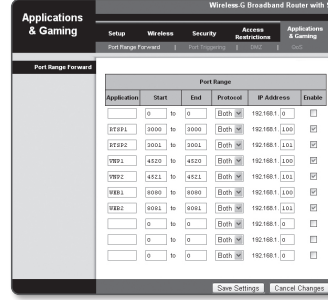


BAĞLANTI NOKTASI ARALIĞI AKTARIM (BAĞLANTI NOKTASI EŞLEME) AYARI

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.

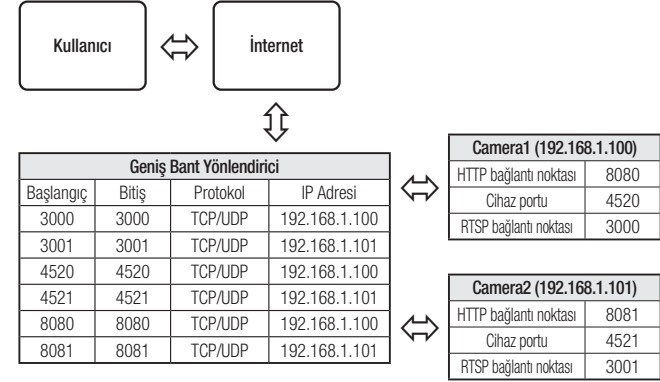


- Port yönlendirme ayarı, CISCO IP yönlendirici ayarına bir örnektir.
- Ayarlar, bağlı Geniş Bant yönlendiricisinin modeline göre farklılık gösterebilir.
Daha ayrıntılı bilgi için, geçerli yönlendiricinin kullanım kılavuzuna bakın.

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 tıklanır.
İnternet tarayıcı başlatılır ve kameraya bağlanır.



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

KAMERAYA İNTERNET ARACILIĞIYLA UZAK BİR BILGISAYARDAN BAĞLANMA

Kullanıcılar, Geniş Bant Yönlendiricisinin ağ kümesinde bulunmayan bir uzak bilgisayarda, kameranın DDNS URL'sini kullanarak bir Geniş Bant Yönlendiricisi ağı içindeki kameralara erişebilirler.

1. Geniş Bant yönlendirici ağındaki bir kameraya erişebilmek için, öncelikle Geniş Bant yönlendirici için bağlantı noktası aralığı aktarımını ayarlamış olmanız gerekir.
2. Uzak bilgisayardan İnternet tarayıcıyı başlatın ve kameranın DDNS URL adresini veya Geniş Bant yönlendiricinin IP adresini adres çubuğuna yazın.
örn) <http://ddns.hanwha-security.com/ID>

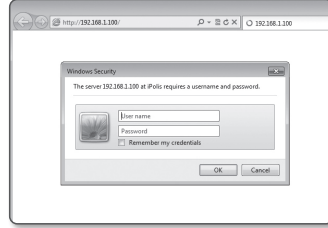


■ DDNS kullanmak için, DDNS ana sayfasında (<http://ddns.hanwha-security.com>) kaydolun ve ürünü **[DDNS Ayarlarını]** > **[Ürün Kaydı]** seçeneği altında kaydedin.

KAMERAYA BAĞLAMA

Normal koşullar altında aşağıdakileri yapmanız gerekir

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



HTTP bağlantı noktası 80 dışında bir değer ise

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

URL adresinin kullanılması

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



■ Yalnızca LAN ortamında ağ bağlantısı devre dışı bırakılır.

UPnP üzerinden bağlanma

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

Bonjour üzerinden Bağlanma

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

DDNS adresinin kontrol edilmesi

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

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

Cihazınızı <DDNS> sunucusuna kaydetmek için <http://ddns.hanwha-security.com> adresini ziyaret edin ve öncelikle cihazınızın kaydını yapın ve sonra Ağ Görüntüleyici'yi <Ağ> - <DDNS> <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: 111, 1111, aaaa)

OTURUM AÇMA

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

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



- Kameranin 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 İÇİN WEB VIEWER AYARI

1. **[Kurulum (⚙️)]** simgesine tıklayın.
2. Ayarlar penceresi görüntülenir.
3. Kameranin temel bilgi, PTZ, video, ağ, olay, analiz, sistem ve açık platform ayarları ağ üzerinden yönetilebilir.
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 görüntülemeye devam ederse, Safari tarayıcıdan çıkmak için komut tuşu + Q tuşuna basın, sayfaya yeniden erişin ve yukarıda belirtilen işlemleri uygulayın.
Kameraya ağ tarayıcısından erişemiyorum.	• Kameranın Ağ ayarlarının uygun olduğuna emin olmak için kontrol edin. • Bütün ağ kablolarının düzgün olarak bağlandığına emin olmak için kontrol edin. • Eğer DHCP ile bağlanılmışsa, kameranın problemsiz olarak dinamik IP adresi alabildiğini kontrol edin. • Eğer kamera bir Geniş Bant yönlendiriciye bağlıysa, port yönlendirmenin doğru yapılandırıldığını kontrol edin.
İzleme sırasında İzleyici bağlantısı kopuyor.	• Bağlı İzleyicilerin bağlantısı, kamerada ya da ağ yapılandırmasında yapılan değişikliklerle kopar. • Bütün ağ bağlantılarını kontrol ediniz. • Eğer kamera bir PPPoE ağına bağlıysa, İzleyicinin bağlantısının kopması kötü ağ koşullarından kaynaklanıyor olabilir.
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
<Analiz> ögesinde <Hareket Algılama> seçeneği <Etkinleştirin> olarak ayarlandı ancak bir analiz olayı meydana geldiğinde bile bana e-posta bildirimi ulaşmıyor.	• Ayarları şu sırayla doğrulayın: A. <Tarih ve Saat> ayarlarını kontrol edin. B. <Hareket Algılama> ögesi <Etkinleştir> seçeneğine ayarlanmalıdır. C. <Olay Ayarı> menüsünün <E-posta> seçeneğinin kullanımı için işaretlenip işaretlenmediğini kontrol edin.
Micro SD bellek kartına kayıt yapılamıyor.	• Bellek kartının hasarlı olup olduğunu kontrol edin.
Micro SD bellek kartı takılı ama kamera düzgün çalışmıyor.	• Bellek kartının doğru yönde takılıp takılmadığını kontrol edin. Başka cihazlarda biçimlendirilen bir bellek kartı bu kamera biriminde çalışmayabilir • <Ayarlar> → <Olay> → <Depolama> menüsünde bellek kartını tekrar biçimlendirin.
NAS'a kaydedilemiyor.	• NAS'a kaydedilen bilginin doğru olduğunu doğrulayın.
NAS ayarının başansız olduğu bildiriliyor.	• NAS IP adresinin geçerli olduğunu doğrulayın. • NAS kimlik/şifre bilgilerinin geçerli olduğunu doğrulayın. • NAS kimliğini kullanarak temel klasör olarak atanan klasöre erişebildiğinizi doğrulayın. • NAS SMB/CIFS öğelerinin işaretli olmadığını doğrulayın. • NAS IP adresi ile kamera IP adresi biçiminin aynı olduğunu doğrulayın. Örn.) NAS ve kamera alt ağ maskesi varsayılan değeri 255.255.255.0'dır. IP adresi 192.168.20.32 olduğunda NAS IP adresinin 192.168.20.1~192.168.20.255 aralığında olması gerekir. • Kaydedilen veya kullanılan temel klasörü biçimlendirmeden başka bir kullanıcı olarak erişim sağlamaya çalışarak kontrol edin. • Önerilen NAS ekipmanını kullandığınızı doğrulayın.

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GPL SW

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

LGPL SW

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

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

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

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