

WISeNeT

AĞ KAMERASI

Kullanım Kılavuzu

PNM-9320VQP
SLA-2M2400P/2M2800P/2M3600P/2M6000P/
2M1200P/5M3700P/5M4600P/5M7000P



Ağ Kamerası

Kullanım Kılavuzu

Telif hakkı

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Ticari marka

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

Kısıtlama

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

Sorumluluk Reddi

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

❖ Tasarım ve spesifikasyonlar önceden bildirim yapılmadan değiştirilebilir.

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

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

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

ÖNEMLİ GÜVENLİK YÖNERGELERİ

1. Bu yönergeleri okuyun.
2. Bu yönergeleri saklayın.
3. Uyarıları dikkate alın.
4. Yönergeyi takip edin.
5. Bu cihazı suyun yakınında kullanmayın.
6. Ürün yüzeyinde kirlenen alanı, yumuşak kuru veya nemli bir bezle silin.
(Ürünün şeklini bozabilecek veya hasar verebilecek, alkol, solventler veya surfaktanlar içeren deterjan veya kozmetik ürünler kullanmayın)
7. Havalandırma deliklerini kapatmayın. Üreticinin talimatlarına göre kurun.
8. Radyatör, ısı 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 ağa sahiptir. Topraklama tipi fiş iki ağa ve üç topraklama dişine sahiptir. Geniş ağız veya üçüncü diş güvenliğinizi için sağlamıştır.
Verilen fiş prizinize uymuyorsa tam uyan bir prizle değiştirmek için elektrikçiyle görüşün.
10. Özellikle fişlerde, priz yuvalarında ve üründen çıkan uçlarda sıkışan veya yürüyüş yolu üzerinde olan güç kablolarını koruyun.
11. Yalnızca üretici tarafından belirtilen ekleri/ aksesuarları kullanın.
12. Yalnızca üretici tarafından belirtilen veya cihazla birlikte satılan tekerlekli taşıma sehpa, kamera ayağı, üç ayaklı sehpa, dirsek veya masa kullanın. Tekerlekli taşıma sehpa kullanıldığında, devrilmeden kaynaklanabilecek yaralanmalardan kaçınmak için sehpa/cihaz kombinasyonunu dikkatli taşıyın.
13. Fırtına sırasında veya uzun süre kullanılmadan bırakıldığında bu cihazı prizden çıkartın.
14. Bütün servis işlemlerini yetkili servis personeline bildirin. Güç kaynağı kordonu veya fişin zarar görmesi, sıvının dökülmesi veya cihazın içine nesne düşmesi, cihazın yağmura veya neme maruz kalması, normal çalışmaması veya düşmesi gibi herhangi bir şekilde cihaz hasar gördüğünde servis gereklidir.
15. Bu ürün, gücünü, "Sınıf 2" veya "LPS" işaretli ve PoE , 1.5A dereceli bir Listelenmiş Güç Kaynağı Ünitesinden alacak şekilde tasarlanmıştır. (PNM-9320VQP)
16. Ürünü kurarken aşırı güç kullanırsanız, kamera hasar görebilir ve arıza yapabilir.
Uyumsuz aletler kullanarak ürünü zorla yüklerseniz, ürün hasar görebilir.
17. 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.
18. Ürünü kurarken, ürün yüzeyinin kimyasal madde ile lekelenmesine izin vermemeye dikkat edin.
Temizleyici veya yapıştırıcı gibi bazı kimyasal solventler ürünün yüzeyine ciddi hasar verebilir.
19. Ürünü tavsiye edildiği şekilde kurmazsanız/kaldırmazsanız, üretim işlevleri/performans garanti edilemez.
Kullanıcı kılavuzundaki "Kurulum ve Bağlantı" bölümüne bakarak ürünü kurun.
20. 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.

Kaydırma/Eğme/Yakınlaştırma motorları ve kayar halka sürekli çalışmaya karşı bir yıl garantilidir.

DİKKAT

	DİKKAT ELEKTRİK ÇARPMA RİSKİ VARDIR AÇMAYIN	
DİKKAT : ELEKTRİK ÇARPMASI RİSKİNİ AZALTMAK İÇİN ARKA KAPAĞI KALDIRMAYIN (VEYA ARKASINI AÇMAYIN) KULLANICININ MÜDAHELE EDEBİLECEĞİ PARÇA BULUNMAMAKTADIR. YETKİLİ SERVİS PERSONELİNE BAŞVURUNUZ.		

GRAFİK SEMBOLLERİNİN AÇIKLAMASI



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



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

Sınıf I yapısı

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

Pil

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

CIHAZIN BAĞLANTISINI KESME

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

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

DİKKAT

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

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

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 ağlarına bağlanabilir, harici bir tesise yöneltilemez.

Lütfen aşağıdaki önerilen güvenlik önlemlerini dikkatle okuyun.

- Ürüne takılı bir nem geçirmez bileşen mevcuttur. Ürünün doğası gereği, ürüne enerji verildikten sonra çiy damlacıkları oluşabilir, ancak bunlar iki ila üç saat içinde ortadan kaybolacaktır.
- Bu ürün su geçirmez bir havalandırma sistemi ile donatıldığından, ani yapay sıcaklık değişimleri sergileyen yerlere kurmaktan kaçının.
- Bu cihazı düz olmayan bir yüzeye yerleştirmeyin.
- Doğrudan güneş ışığına maruz kalacağı bir yüzeye, ısıtma cihazlarının yakınına veya aşırı soğuk bir alana monte etmeyin.
- Bu cihazı iletken nesnelerin yakınına yerleştirmeyin.
- Bu cihazı kendiniz onarmaya çalışmayın.
- Ürünün üzerine su dolu bir bardak koymayın.
- Manyetik kaynakların yakınına monte etmeyin.
- Havalandırma açıklıklarını kapatmayın.
- Ürünün üzerine ağır nesneler koymayın.
- Kamerayı kurarken/sökerken lütfen koruyucu eldiven giyin. Ürünün yüksek sıcaklıktaki yüzeyi yanmaya neden olabilir.

Kullanım Kılavuzu, ürünlerin nasıl kullanılabileceğini gösteren bir kılavuz kitaptır.

Kitaptaki kullanım sembolü şu anlamlara gelmektedir.

- Referans : Ürünün kullanımına yardımcı olacak bilgiler sağlandığında
- Uyarı : Talimata uyulmaması nedeniyle ürünün zarar görmesi veya yaralanma olasılığı söz konusuysa

※ Lütfen bu kılavuzu ürünleri kullanmadan önce güvenliğinizi için okuyun ve güvenli bir yerde saklayın.

Özel kurulum ortamlarında telsiz iletişimde girişim olabilir.

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

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ÖNERİLEN PC ÖZELİKLERİ

- CPU : Intel(R) Core(TM) i7 3.4 GHz veya daha üstü
- Desteklenen İşletim Sistemi : MS Windows, Mac OS X
- Desteklenen web tarayıcılar : Google Chrome, MS Edge, Mozilla Firefox(sadece Windows 64bit), Apple Safari (sadece Mac OS X), MS Explorer

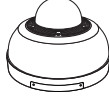
Lütfen doğrulanmış işletim sistemleri ve tarayıcılar hakkında ayrıntılı bilgi için eke bakın.
Bazı işlevler desteklenen tarayıcılarda bile kısıtlanmış olabilir.

TAVSİYE EDİLEN MICRO SD/SDHC/SDXC B ELLEK KARTI ÖZELLİK

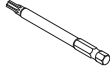
- Önerilen kapasite: 16 GB ila 256 GB (MLC tipi)
- Bu kamera için aşağıdaki üreticilerin aşağıda belirtilen bellek kartı türleri önerilir.
 - Üretici: SanDisk, Transcend
 - Ürün ailesi: Yüksek dayanıklılık
- UHS-3 sınıfı (MLC tipi) spesifikasyonuna uygun, 16GB veya üstü bir bellek kartı kullanmanız önerilir.

DAHİL OLANLAR (PNM-9320VQP)

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	
	HPoE enjektörü	1	Güç kaynağı ve ağı bağlar
	Monitör test kablosu	1	Kameranın taşınabilir bir görüntü cihazına bağlantısını test etmek için kullanılır
	Güç kablosu	1	HPoE'ye bağlanır

Görünüm	Öge Adı	Adet	Açıklama
	Terminal bloku	1	Alarm G/Ç'ye bağlanır
	Altıgen anahtar	1	Monte edilen kaide ile kamera gövdesini bağladıktan sonra somunları sıkıştırmak için kullanılır
	Yıldız anahtar	1	Dom kapağı ve SD kart kapağını takmak/sökmek için kullanılır
	Altıgen vida	3	Monte edilen kaide ile kamera gövdesini bağlamak için kullanılır
	Monte edilen kaide	1	Ürün kurulumu için braket
	Su geçirmez aksesuarlar	1	Nemli alanlarda kurulum için kullanılır

Görünüm	Öge Adı	Adet	Açıklama
	Matkap ucu	1	Dom kapağı ve SD kart kapağını takmak/sökmek için kullanılır (elektrikli araç için)
	Ferit Çekirdek	1	Güç kaynağındaki yüksek frekanslı bileşenleri ve sinyallerin dışarıya radyasyon yaymasını engellemek için kullanılır. ■ Kullanmadan önce güç kablosunun ve LAN kablosunun etrafında 2 kez döndürülmesi önerilir.

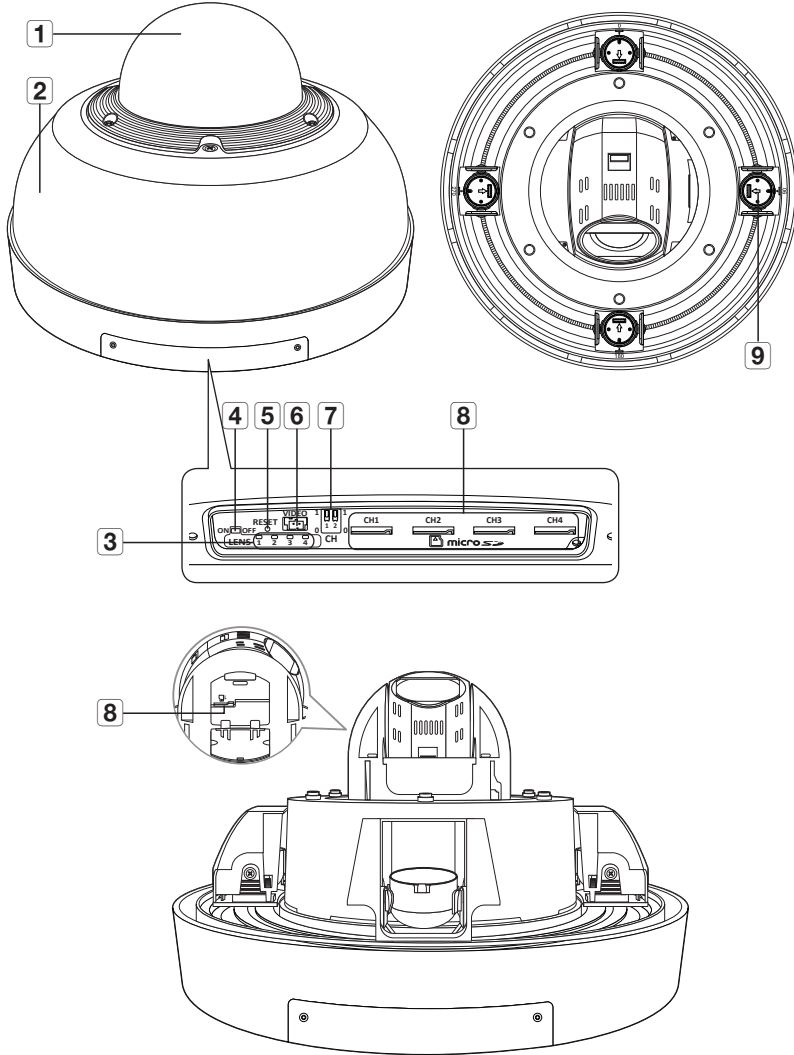
DAHİL OLANLAR (OBJEKTİF MODÜLÜ-İSTEĞE BAĞLI)

Görünüm	Öge Adı	Adet	Açıklama	Model Adı
	Objektif modülü	1	PNM-9320VQP'ye monte	SLA-2M2400P
		1		SLA-2M2800P
		1		SLA-2M3600P
				SLA-2M6000P
		1		SLA-2M1200P
				SLA-5M3700P
				SLA-5M4600P
				SLA-5M7000P

İLK BAKIŞ (PNM-9320VQP)

Görünüm

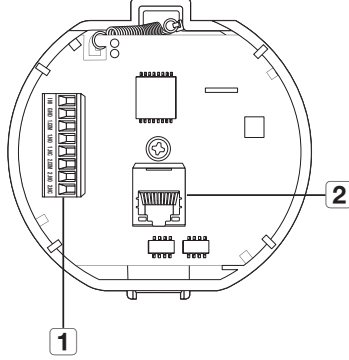
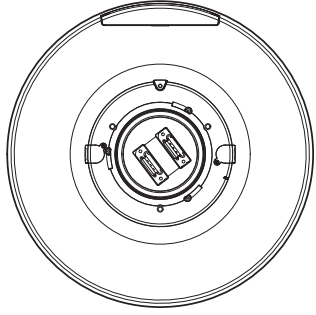
Ek Cihazlar



Madde	Açıklama
1 Dome Kapağı	Mercek ve ana birimi korumakta kullanılan muhafaza kapağı.
2 Cam kapağı	
3 Objektif modülü göstergesi (normal: yeşil, anormal: kırmızı)	Objektif modülü doğru takılmışsa, yeşil LED yanar ve yaklaşık 40 saniye sonra kapanır. (istenmeyen yansımaları önlemek için)
4 Güç Aç/Kpı anahtarı	Ürünü açmak/kapatmak için kullanılan anahtar. 1 Sadece lens modülünüzü değiştirmek için kullanın.
5 Reset Düğmesi	Düğme, tüm kamera ayarlarını fabrika varsayılan ayarlarına geri döndürür. Sistemi yeniden başlatmak için yaklaşık 5 saniye basılı tutun. 1 Kamerayı sıfırlarsanız, DHCP'nin etkinleştirilmesi için ağ ayarları yapılır. Ağda DHCP sunucusu yoksa, ağa bağlanabilmeniz için önce IP adresi, Alt ağ maskesi, Ağ geçidi, vb. temel ağ ayarlarını değiştirmek için Device Manager programını çalıştırmanız gerekmektedir.
6 Test Monitörü Çıkışı	Video çıkışı izlemesinin test edilmesi için çıkış portu. Mobil ekrana bağlanmak için test monitörü kablosunu kullanın ve test videosunu kontrol edin.
7 Kanalı değiştirmek için DIP anahtarı	Kurulum videosunu görüntülemek üzere kullanmak istediğiniz kanalı belirtmek için DIP anahtarlarını değiştirin. 1 Sadece 4CH lens modülünün videolarını kontrol edebilirsiniz; PTZ videolarını kontrol edemezsiniz.
8 Micro SD Bellek Kartı Bölmesi	Micro SD bellek kartı için bölme.
9 Objektif modülü montaj parçası	Bu terminal, objektif modülünün montajı için kullanılır.

Kurulum tarafı

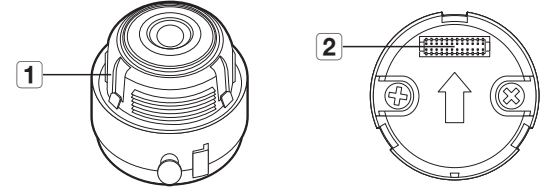
Monte edilen kaide iç kısmı



Madde	Açıklama
1 Alarm G/Ç terminalleri	Alarm G/Ç kablolarını bağlayan terminaller.
2 Ağ/güç bağlantı terminali	RJ45 kablosu üzerinden güç ve ağı bağlayan bir terminal.

İLK BAKIŞ (OBJEKTİF MODÜLÜ)

Görünüm



Madde	Açıklama
1 Objektif modülü	Bu, video kaydeden bir objektif modülüdür.
2 Kamera konektörü	Bu terminale kamera bağlanır.

KURULUM



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

Kurulumdan Önce Alınması Gereken Önlemler

Kamerayı kurmadan önce aşağıdaki talimatları mutlaka okuyun:

- Kamera ağırlığının en az 5 katını taşıyabilecek bir kurulum yeri seçin.
- 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 aşırı kuvvet uygulanarak kurulursa parçalar bozulabilir ve bu da kameraya zarar verebilir. Montajı, uygun olmayan aletlerle yapmaya çalışmak ürüne zarar verebilir.
- Güç açık durumdayken, lens modülünü monte etmeyin veya sökmeyin.

Sökme

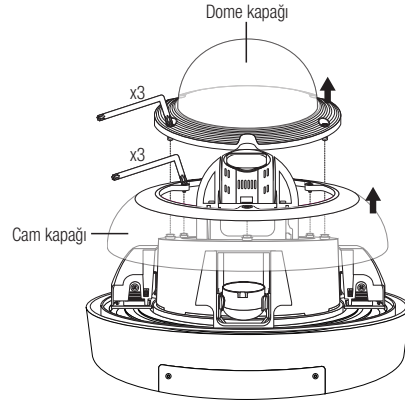
Yıldız anahtar veya matkap uçlarıyla sabitleme vidalarını saat yönünün tersine çevirerek gevşetin ve dom ile pencere kapaklarını sökün.



- Vidaları kapaklardan tamamen sökmeniz gerekli değildir.
- Sadece PTZ için Micro SD kartı takarken dom kapağını sökün. Diğer durumlarda dom kapağını sökmeyin.
- Lens modülünü yerleştirirken pencere kapağını sökün. Dom kapağını sökmeniz gerekmez.

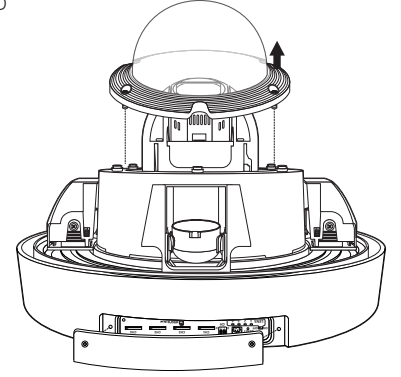


- Dom ve pencere kapakları şeffaf olduğu için güvenlik kablolu bulunmaz. Lütfen düşürmemeye dikkat edin.



Micro SD bellek kartını yerleştirme

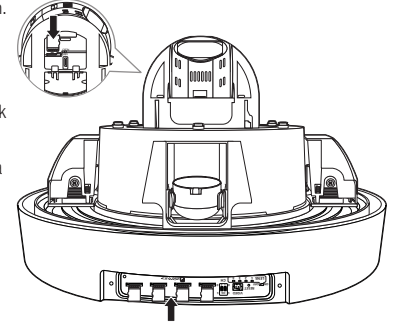
1. Yıldız anahtar veya matkap uçlarıyla dom kapağını ve SD kart kapağını sökün.



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



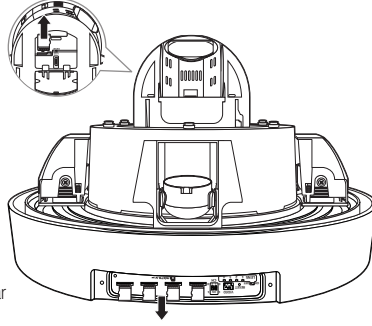
- Micro SD bellek kartını takmadan önce güç kablосunu kameradan çıkarın.
- Zorlayarak ters yönde takmaya çalışmayın. Bu, Micro SD bellek kartınıza ve ürünüze zarar verebilir.
- Micro SD kartın yağmur yağarken ya da nem yüksek olduğunda takılması veya çıkarılması önerilmez.
- Ürün kapağını sökme işleminin 5 dakika içinde tamamlanması gerekir; aksi takdirde çiy yoğunlaşma riski bulunmaktadır.
- PTZ için Micro SD kartı yerleştirirken dom kapağını sökün.



Micro SD bellek kartını sökme

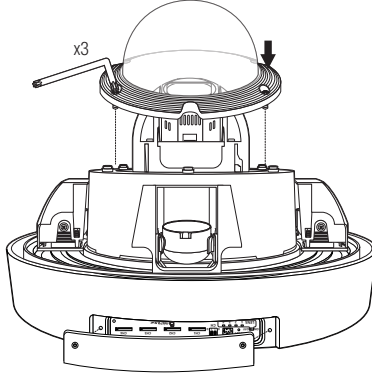
1. Hafıza kartını yuvasından çıkartmak için şemada gösterildiği gibi hafıza kartının açık tarafından yavaşça basın.

- ! Her kanal için bir SD kart ayırmalısınız.
- Micro SD bellek kartı çıkık haldeyken sertçe itip bırakırsanız dışarı fırlayabileceğini lütfen unutmayın.
- 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.



2. Yıldız anahtar veya matkap uçlarıyla dom kapağını ve SD kart kapağını takın.

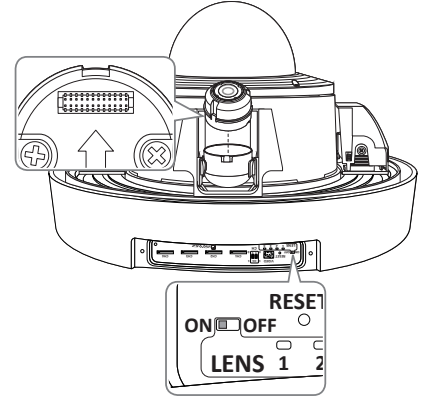
- ! Yıldız anahtar veya matkap uçlarıyla sabitleme civatalarını sıkılaştırın; bu şekilde suyun hasar vermesinin önüne geçilir.



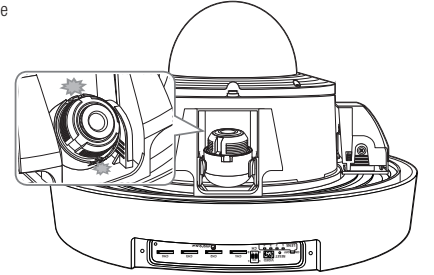
Objektif modülünün montajı

1. Objektif modülünün konektörünü, kamera gövdesindeki konektörü ile hizalayın ve bağlayın.

- ! Lens modülünü güç bağlantısı kesilmişken (HPoE) monte edin.
- Lens modülünü takmadan önce güç anahtarının "OFF" olduğundan emin olun. "ON" konumdayken lens modülünün değiştirilmesi anzaya neden olabilir.
- Objektifin odak ayarı fabrikada üretim kontrolü sırasında yapıldığından, objektife ayrı olarak dokunmamanızı öneririz.



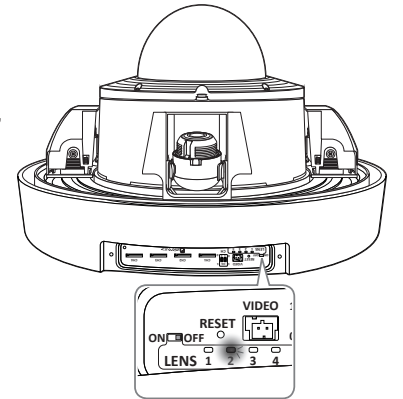
- Lens modülünü yerleştirirken üst/alt kancalar "Tık" sesiyle yerine oturana kadar yerleştirin.



2. Lens montaj işlemini tamamlayın.

3. Ürüne güç bağlantısını yapın (HPoE).

- ! Objektif modülü doğru takılmamışsa, objektif modülü durum ışığı, şekilde gösterildiği gibi kırmızı renkte yanar. Bu durumda, güç anahtarını kapatın ve objektif modülünü tekrar takın. Normal takıldığında yeşil LED yanar ve yaklaşık 40 saniye sonra kapanır.
- Ürüne güç bağlantısını yaparken (HPoE) lens modülünü değiştirmek istiyorsanız, güç anahtarını "OFF" konumuna getirin, lens modülünü değiştirin ve ardından güç anahtarını "ON" konumuna getirin.
- Hasar görebileceğinden, anahtarı kullanırken keskin uçlu herhangi bir alet kullanmamaya dikkat edin.
- Hasar görebileceğinden, anahtarı aşırı kuvvet uygulayarak zorlamamaya dikkat edin.



Kamera Kelepçesinin Hazırlanması ve Montajı

Kelepçe ve yuvaların montaj talimatları için kelepçe veya yuvayla birlikte verilen kullanım kılavuzuna başvurun.

■ Kullanılabilen Kelepçe Modelleri

Model	Öge
SBP-390WM2	Duvara Montaj
SBP-300CM	Tavana Montaj
SBP-300LM	Parmaklık Montajı
SBP-300KM	Köşeye Montaj
SBP-300PM	Direğe Montaj

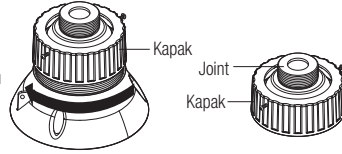
■ Kelepçelerin (bağımsız) görünümü için "**Kurulum için İsteğe Bağlı Aksesuarlar**" bölümüne bakın. (sayfa 17)

Bağımsız adaptöre bağlama

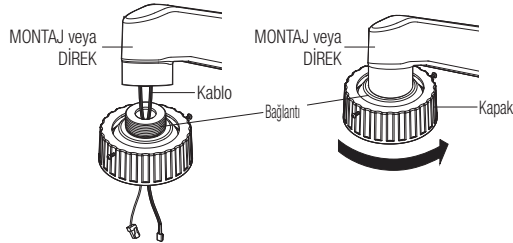
Aşağıdaki seçeneklerden (bağımsız) montaj alanına veya rahatınıza uygun, gerekli bir tanesini seçip satın alın. Aynı satılan ürünler için "**Kurulum için İsteğe Bağlı Aksesuarlar**" bölümüne bakın (sayfa 17).

1. Kapağı bağlantı parçasından ayırmak için kapağı okla gösterilen yönde döndürün.

■ Montaj için SFP modülünü kullanmıyorsanız Montajın 1.-6. Adımlarını atlayabilirsiniz.

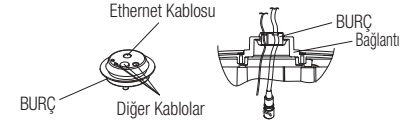
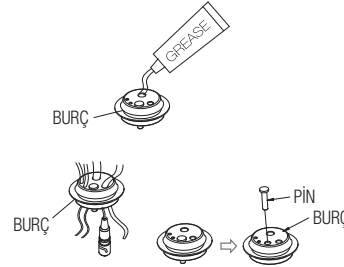
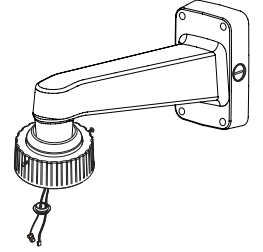


2. Açıktaki kabloyu desteğin veya direğin dış kısmından bağlantı parçasına doğru geçirin.
3. İki malzemeyi birleştirmek için bağlantı parçasını okla gösterilen yönde döndürün.

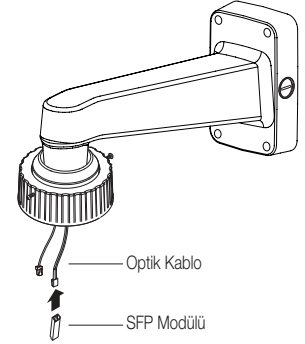


■ Ürün, dış mekanda desteğe veya direğe nem girebilecek bir yerde kurulmuşsa, dış nem akışını engellemek için aksesuar kovan kullanın.

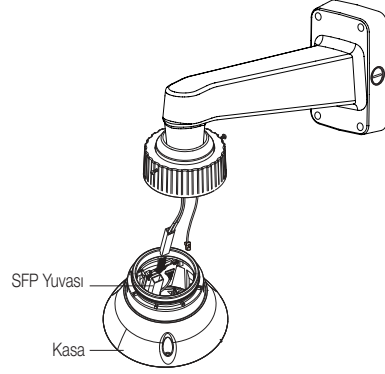
- Kovana gres sürün ve kabloyu kovadaki doğru deliğe bağlayın. Kalan delikleri pimlerle kapatın.
- Kesit görüntüde gösterildiği üzere "Bağlantıya" tam olarak yerleştirmek için burca eşit şekilde bastırın.



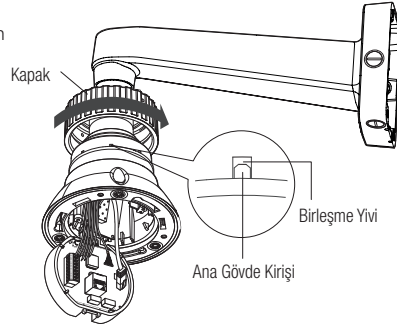
4. Optik kabloyu SFP modülüne bağlayın.



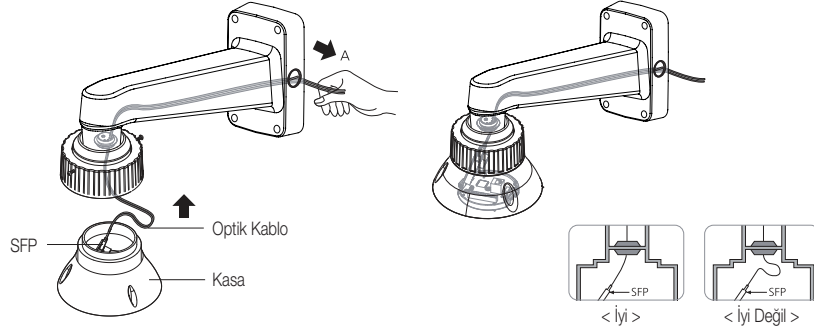
5. SFP modülünü ana gövdedeki SFP yuvasına sabitleyin.



6. Ana gövde kırı ve bağlantı parçası yuvasını şekli eşleyerek bağlayın ve ardından kapağı okla gösterilen yönde döndürerek birbirine sabitleyin.

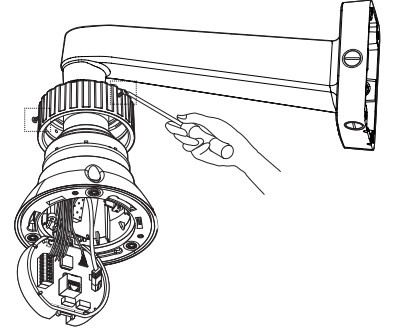


- ! İki malzemeyi sabitlerken, optik kabloyu içeride bükülmeyecek şekilde dış tarafından çekin.



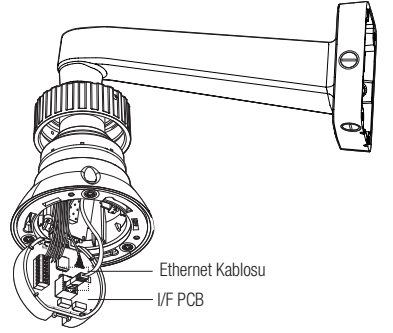
7. Kapağın bir tarafının gevşek kalmasını önlemek için kapağın her iki tarafındaki vidaları ters yönde döndürün. (Belirli uzunlukta yerleştirildiklerinden vidaların tamamı iç kısımda değildir.)

- ! SFP modülü bağlanmadıysa, sızıntıları engellemek için KAPAĞI sıkıca sabitleyin. Fabrikadan gönderildiğinde sıkı şekilde sabitlenmemiştir.

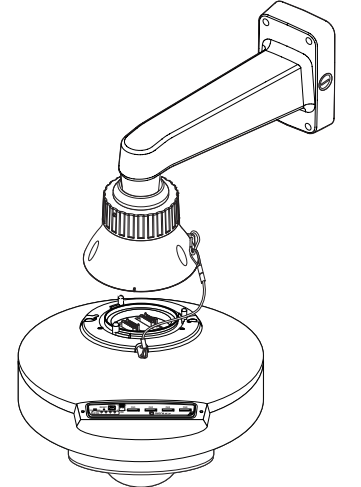


8. Ethernet kablosunu I/F PCB'ye bağlayın.

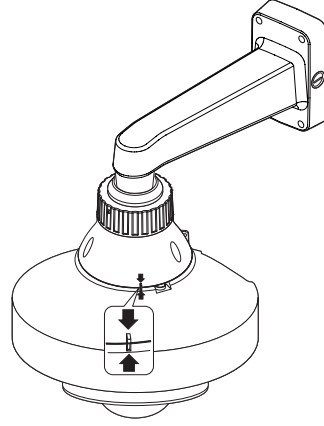
- ! PTZ kamera ile sorunsuz şekilde bağlanması için lütfen şekil ve formuna dikkat edin. (Kamerayı birleştirdikten sonra I/F PCB dönerken kamera takılabilir)



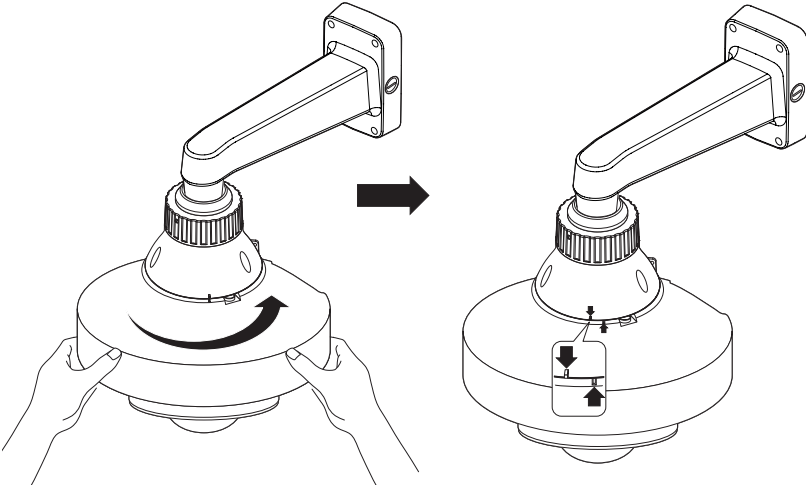
9. I/F PCB'yi gövdeye sabitledikten sonra kamera gövdesinin güvenlik kablosunu monte edilen kaideye yerleştirin.



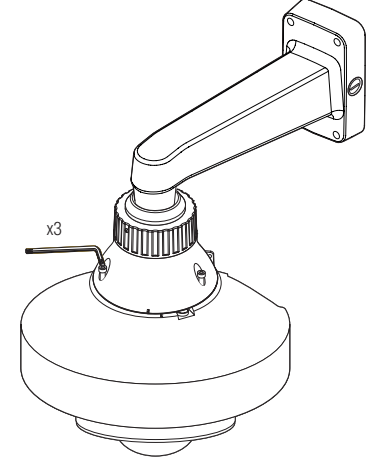
10. Kurulu tabanı ve kameranın ana gövdesini yön referans göstergelerini eşleyerek bağlayın.



11. Üstte ve altta bulunan referans göstergeleri sağdaki resimle aynı olacak şekilde kamerayı okla gösterilen yönde döndürün.



12. Monte edilen kaide ile kamerayı sabitlemek için altıgen anahtar kullanın.

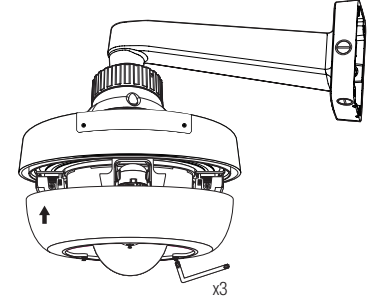


13. "Kameranın izleme yönünün ayarlanması" bölümüne bakarak merceği dilediğiniz yönde ayarlayın. (Sayfa 18)

- Merceği eğerseniz ekran bloke olabileceğinden merceği yeniden ayarlamaz gerekebilir.

14. Pencere kapağını birleştirmek için altıgen anahtar veya matkap uçları kullanın.

- Yıldız anahtar veya matkap uçlarıyla sabitleme cıvatalarını sıkılaştırın; bu şekilde suyun hasar vermesinin önüne geçilir.
- Pencere kapağı şeffaf olduğu için güvenlik kablosu bulunmaz. Lütfen düşürmemeye dikkat edin.



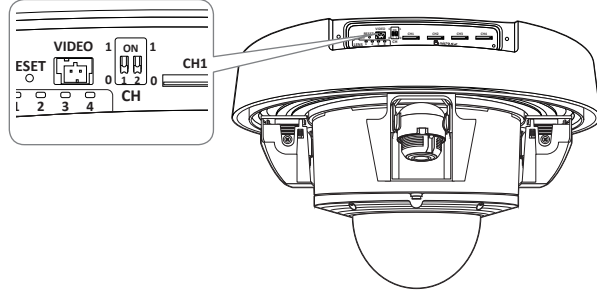
Kurulum işlemini izlemek için kanallar ayarlama

Resimde gösterildiği gibi, kamera gövdesinde bir kanal DIP anahtarı vardır.

Kanal DIP anahtarlarını kullanarak kameranın kanalını değiştirebilirsiniz.

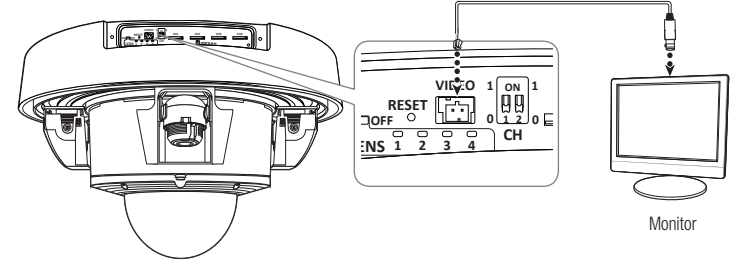
CH1	CH2	CH3	CH4
00	01	10	11

- Bir DIP anahtarı tamamen Açık / Kapalı durumda değilse, ürün arızalanabilir. Kurulumdan sonra arka taraftaki DIP anahtarlarını kontrol edin.
- Keskin bir aletle kurulanması DIP anahtarına zarar verebileceğinden dikkatli olun.
- DIP anahtarını aşırı güç uygulayarak çalıştırmayın; aksi takdirde hasar görülebilir.



Kurulum monitörünün bağlanması

Kurulum için bu ürünün video çıkış terminalini monitörün video giriş terminaline bağlayın.



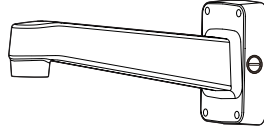
- Kablolama, monitör türüne ve çevre aygıtlarına bağlı olarak farklılık gösterir, lütfen her aygıt için kullanım kılavuzuna bakın.
- Lütfen bağlamadan önce monitör ve kameranın kapalı olduğundan emin olun.

- ! Bu ürün, ağ üzerinden video gönderen bir ağ kamerasıdır, video çıkış terminali kurulumda kameranın görüntüleme aralığını ayarlamak için kullanılır.
- Terminalin izleme amaçlarıyla kullanılması, video kalitesinde düşme gibi sorunlara neden olabilir.
- CRT monitörlerini veya TFT/LCD taşınabilir monitörler kullanarak 24 saat izleme yapmak için uygun değildir.
- 24 saatlik izleme ve depolama için ağ transferi ekranını kullanın.
- Sadece 4CH lens modülünün videolarını kontrol edebilirsiniz; PTZ videolarını kontrol edemezsiniz.

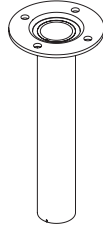
Kurulum için İsteğe Bağlı Aksesuarlar

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

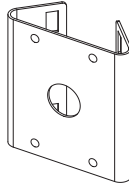
1. Kamera duvara monte ediliyorsa
 - Duvara Montaj (SBP-390WM2)



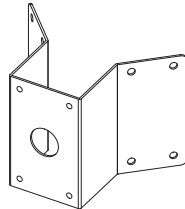
2. Kamera tavana monte ediliyorsa
 - Tavana Montaj (SBP-300CM)
Tavan kaidesini monte ederken yan duvardan en az 30 cm uzağa yerleştirilmesi önerilir.



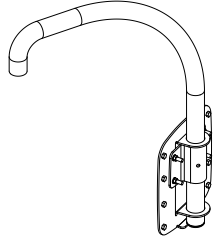
3. Duvara montaj (SBP-390WM2) en az 80 mm uzunluğunda bir silindire yapılıyorsa
 - Direğe Montaj (SBP-300PM)



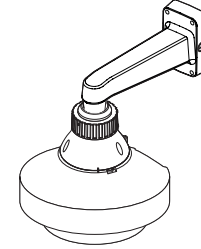
4. Duvara montaj (SBP-390WM2) bir duvarın köşesine yapılıyorsa
 - Köşeye Montaj (SBP-300KM)



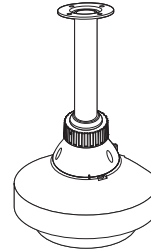
5. Bir binanın çatısına monte ediliyorsa
 - Parmaklık Montajı (SBP-300LM)



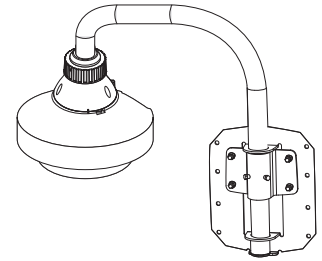
Montaj Bağlantı Parçası



Duvara Montaj (SBP-390WM2)

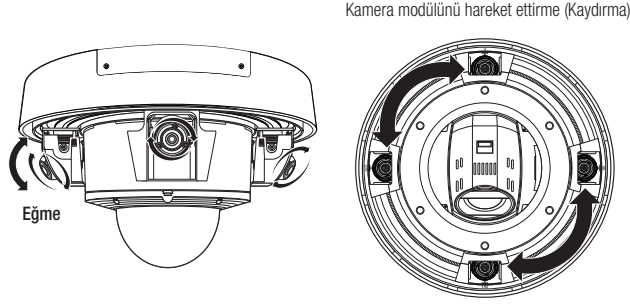


Tavana Montaj (SBP-300CM)



Parmaklık Montajı (SBP-300LM)

Kameranin izleme yönünün ayarlanması



Kamera modülünü hareket ettirme (Kaydırma)

■ İzleme yönünün ayarlanması

Kamera yönünü sadece kamera tavanda sabitken ayarlayabilirsiniz.

Kamera modülünün hareket ettirilmesi işlemi "Kaydırma" olarak; açısının ayarlanması "Eğme" olarak; lensin eksenli boyunca döndürülmesi "Döndürme" olarak adlandırılır.

- Her bir modül için Kaydırma dönüş açısı, -90° ile +90° arasındadır.
- Döndürme için dönüş açısı -180° ile +180° arasındadır.
- Eğme için dönüş açısı, her lenste değişiklik gösterir. Aşağıdaki tabloya göz atın.



- Açığa bağlı olarak, görüntü kamera kasası tarafından kapatılabilir.
- Belirtilen dönüş açısını aşacak şekilde kaydırma yapmayın. Bu, kabloya zarar vererek ürünün anızanmasına yol açabilir.

■ Ayarlama yöntemleri

1. Kamerayı monitörün istikametine göre monte ettikten sonra, alt ray boyunca Kaydırma açısını ayarlayın.
2. Yatay açıyı, döndürme sırasında görüntü ters gözükmeyecek şekilde ayarlayın.
3. Eğim açısını, izlenecek olan yönü gösterecek şekilde ayarlayın.

■ Her lens modülü için eğim açısı aralığı

Lens modülü adı	SLA-2M2400P	SLA-2M2800P	SLA-2M3600P	SLA-2M6000P	SLA-2M1200P	SLA-5M3700P	SLA-5M4600P	SLA-5M7000P
Normal kurulum	52°~56°	26°~80°	22°~84°	10°~95°	10°~97°	36°~73°	21°~85°	12°~93°
HallywayView için	Desteklenmez	37°~70°	33°~73°	17°~88°	12°~92°	45°~62°	38°~74°	21°~85°

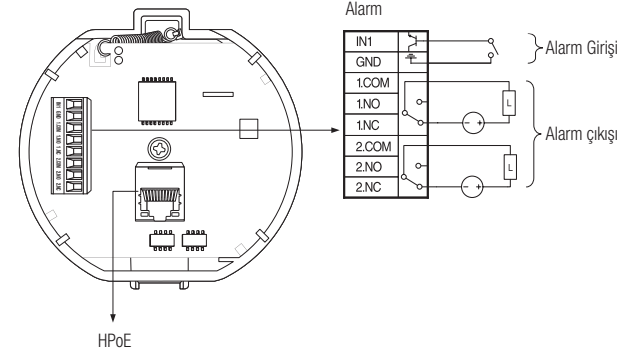


- İzin verilen açı aralığının ötesine monte edilmesi sonucunda monitörün bir köşesinde görüntü kısmen engellenebilir.

DİĞER CİHAZLARLA BAĞLANTI

Kamera Kablo Bağlantıları Arabirim Kartı

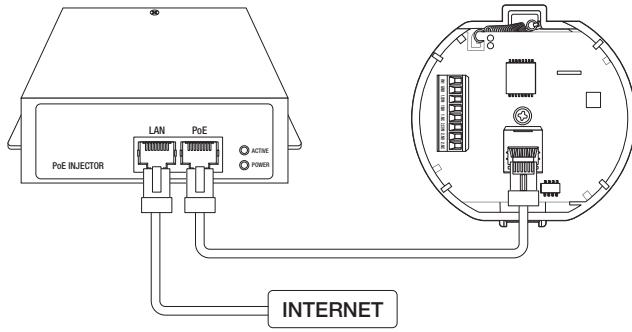
Kameranin kablo bağlantıları için lütfen aşağıdaki resme bakın.



- Alarm çıkışı Normal Açık olarak bağlandığında:
 - Sensör girişi nokta kontak tipi için kısa olduğunda veya aktif tip için "DÜŞÜK" seviye olduğunda devreye girer.
- Alarm çıkış terminalinin maksimum kapasitesi 30V DC/2A, 125V AC/0.5A ve 250V AC/0.25A'dır.
- Alarm giriş ve çıkış kablolarını bağlarken, sırayla her bir terminale bir kablo bağladığınızdan emin olun.
- Kameranin kapasitesinin üzerindeki ürünleri bağlamak için, lütfen ek bir röle cihazı kullanın.
- GND ile NC/NO portunun ve COM portunun uygun olmayan şekilde bağlanması yangına veya ürünün hasar görmesine neden olabilir.

Çalıştırma ve ağ bağlantısı

PoE cihazını kameranın PoE terminaline bağlayın.



- Lütfen cihazın güç gereksinimlerine uygun bir adaptör kullanın.

Ağ Kablosu Özellikleri

Öge	İçindekiler	İşaret
Konektör	RJ45 (10/100/1000BASE-T)	
Ethernet	10/100/1000BASE-T	1000BASE-T ile çalışmak için, Giga hub'da UTP-6 veya üstü bir kablo kullanılmalıdır.
Kablo	UTP Kategori 6	
Maks Mesafe	100M	DC direnci $\leq 0.125 \Omega/m$
HPoE Desteği	HPoE	

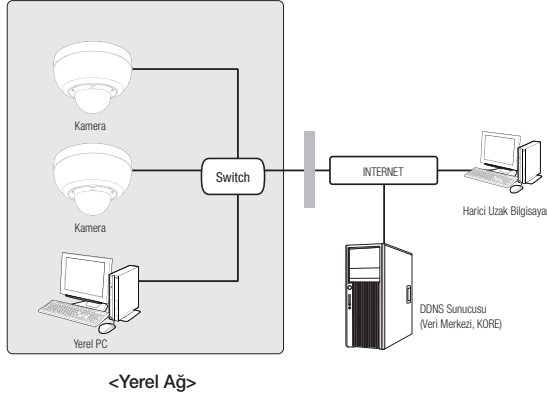
ağ bağlantısı ve kurulumu

Ağ ayarlarınızı ağ yapılandırmanıza göre ayarlayabilirsiniz.

KAMERAYI DOĞRUDAN YEREL ALAN AĞINA BAĞLAMAK

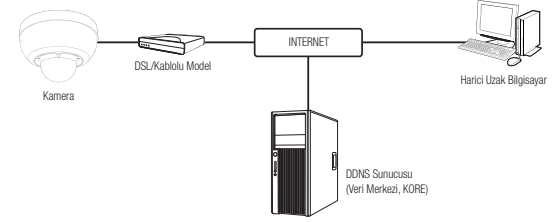
Kameraya Lan Üzerinde Yerel Bir Pc'den Bağlanmak

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 21)

KAMERANIN DOĞRUDAN BİR DHCP TABANLI DSL/KABLOLU MODEME BAĞLANMASI



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

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

DEVICE MANAGER'I KULLANMA



- Device Manager programı, Hanwha Techwin web sitesindeki <Technical Guides> – <Online Tool> menüsünden indirilebilir (<http://www.hanwha-security.com>).
- Device Manager hakkında daha fazla talimatı, ana sayfanın <Yardım> menüsünde bulabilirsiniz.

KAMERAYI OTOMATİK OLARAK ARAMA

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

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

IP ADRESİNİ YAPILANDIRMA

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

Statik IP'yi yapılandırma

IP adresi ve port bilgilerini manuel olarak ekleyin ve yapılandırın.

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

Bir Geniş Bant yönlendirici kullanılmıyorsa

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

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

Bir Geniş Bant yönlendirici kullanılıyorsa

- IP Address : IP aralığında kalan ve Geniş Bant yönlendirici tarafından verilen bir adres girin.
örn) 192.168.1.2~254, 192.168.0.2~254, 192.168.XXX.2~254
- Subnet Mask : Geniş Bant yönlendiricinin <Subnet Mask>'i, kameranın <Subnet Mask>'i olacaktır.
- Gateway : Geniş Bant yönlendiricinin <Local IP Address>'i, kameranın <Gateway>'i olacaktır.



- Ayarlar, bağlı Geniş Bant yönlendiricisinin modeline göre farklılık gösterebilir. Daha ayrıntılı bilgi için, geçerli yönlendiricinin kullanım kılavuzuna bakın.
- Geniş bant yönlendiricinin bağlantı noktası iletimi hakkında daha fazla bilgi için bkz. "Bağlantı Noktası Aralığı Aktarım (Bağlantı Noktası Eşleme) Ayarı". (sayfa 23)

Geniş Bant yönlendiriciye bağlı birden fazla kamera varsa

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

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



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

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

Dinamik IP'yi Yapılandırma

DHCP'den IP adresini alın

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

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

IP'YI OTOMATİK OLARAK YAPILANDIRMA

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

KAMERAYI MANUEL OLARAK KAYDETME

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

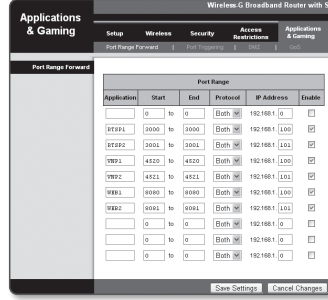
1. Device Manager'ın ana sayfasındaki <Cihaz Ekle> – <Cihazı Manuel Ekle> seçeneğine tıklayın.
2. Aradığınız IP adresi aralığını ekleyin.
3. Kaydettiğiniz kameranın <Model adı> seçin ve HTTP portu, kimlik ve şifre bilgilerini ekleyin.
4. [Kayıt] düğmesine tıklayın.
5. Kameranın kayıtlı olup olmadığını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

BAĞLANTI NOKTASI ARALIĞI AKTARIM (BAĞLANTI NOKTASI EŞLEME) AYARI

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

Manuel Bağlantı Noktası Aralığı Aktarımı

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

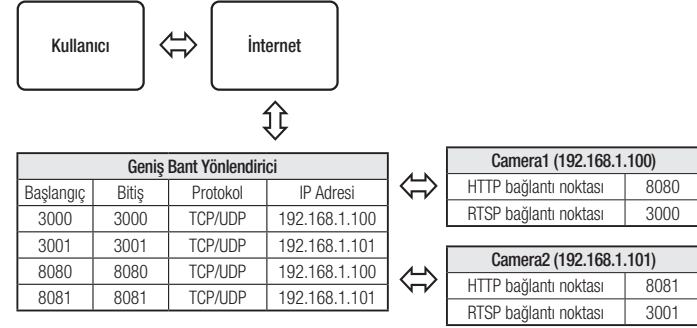


- Port yönlendirme ayarı, CISCO IP yönlendirici ayarına bir örnektir.
- Ayarlar, bağlı Geniş Bant yönlendiricisinin modeline göre farklılık gösterebilir.
Daha ayrıntılı bilgi için, geçerli yönlendiricinin kullanım kılavuzuna bakın.

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 **<Wisenet DDNS>** altında **<Hızlı Bağlantı>** menüsündeki onay kutusunu işaretleyin.

KAMERAYA PAYLAŞILAN BİR YEREL BILGISAYARDAN BAĞLANMA

1. Device Manager'ı çalıştırın.
Bağlı kameralar taranır ve kameraların bir listesi görüntülenir.
2. Bir kameraya erişmek için üzerine çift tıklanır.
İnternet tarayıcı başlatılır ve kameraya bağlanır.



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

KAMERAYA İNTERNET ARACILIĞIYLA UZAK BİR BILGISAYARDAN BAĞLANMA

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

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

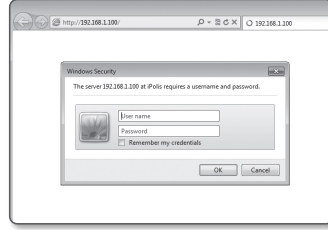


- Wisenet DDNS kullanmak için, Wisenet DDNS ana sayfasında (<http://ddns.hanwha-security.com>) kaydolun ve ürünü **[DDNS Ayarlanmı]**>**[Ürün Kaydı]** seçeneği altında kaydedin.

KAMERAYA BAĞLAMA

Normal koşullar altında aşağıdakileri yapmanız gerekir

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



HTTP bağlantı noktası 80 dışında bir değer ise

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

URL adresinin kullanılması

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



■ Yalnızca LAN ortamında ağ bağlantısı devre dışı bırakılır.

UPnP üzerinden bağlanma

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

Bonjour üzerinden Bağlanma

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

DDNS adresinin kontrol edilmesi

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

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

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



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

Windows Security

The server 192.168.1.100 at iPolis requires a username and password.

User name

Password

☐ Remember my credentials

OK Cancel

KAMERA WEB GÖRÜNTÜLEYİCİSİ KURULUMU

1. **[Kurulum (⚙)]** simgesine tıklayın.
2. Ayarlar penceresi görüntülenir.
3. Kameranin temel bilgi, video, ses, ağ, olay, analiz ve sistem ayarlarını ağ üzerinden yapılandırabilirsiniz.
4. Her işlemin 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 görüntülenemeye 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.
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. • Objektif modülünün normal çalışıp çalışmadığını 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.
Bir akıllı video analizi olayı üretildiğinde bile Alarm Çıkışı bağlantı noktasında sinyal bulunmaz.	• Alarm çıkışı bağlantı noktası ayarlarını kontrol edin.
Micro SD bellek kartına kayıt yapılamıyor.	• Bellek kartının hasarlı olup olduğunu kontrol edin.
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Jean-loup Gailly Mark Adler

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



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