

AĞ KAMERASI

Kullanım Kılavuzu

XNV-6081Z/XNV-8081Z
XND-6081VZ/XND-8081VZ
XND-6081FZ/XND-8081FZ

Ağ Kamerası

Kullanım Kılavuzu

Telif hakkı

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Ticari marka

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

Kısıtlama

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

Sorumluluk Reddi

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

❖ Tasarım ve spesifikasyonlar önceden bildirim yapılmadan değiştirilebilir.

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

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

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

ÖNEMLİ GÜVENLİK YÖNERGELERİ

1. Bu yönergeleri okuyun.
2. Bu yönergeleri saklayın.
3. Uyarıları dikkate alın.
4. Yönergeyi takip edin.
5. Bu cihazı suyun yakınında kullanmayın.
6. Ürün yüzeyinde kirlenen alanı, yumuşak kuru veya nemli bir bezle silin.
(Ürünün şeklini bozabilecek veya hasar verebilecek, alkol, solventler veya surfaktanlar içeren deterjan veya kozmetik ürünler kullanmayın)
7. Havalandırma deliklerini kapatmayın. Üreticinin talimatlarına göre kurun.
8. Radyatör, ısı aygıtı gibi ısı kaynaklarının veya (amplifikatörler dahil) ısı üreten diğer cihazların yayına koymayın.
9. Güvenlik amaçlı polarize veya topraklamalı tip fişi bozmayın.
Polarize fiş, biri diğerinden daha geniş iki ağıza sahiptir. Topraklama tipi fiş iki ağıza ve üç topraklama dişine sahiptir. Geniş ağız veya üçüncü diş güvenliğinizi için sağlanmıştır.
Verilen fiş prizinize uymuyorsa tam uyan bir prizle değiştirmek için elektrikçiyle görüşün.
10. Özellikle fişlerde, priz yuvalarında ve üründen çıkan uçlarda sıkışan veya yürüyüş yolu üzerinde olan güç kablolarını koruyun.
11. Yalnızca üretici tarafından belirtilen ekleri/ aksesuarları kullanın.
12. Yalnızca üretici tarafından belirtilen veya cihazla birlikte satılan tekerlekli taşıma sehpa, kamera ayağı, üç ayaklı sehpa, dirsek veya masa kullanın. Tekerlekli taşıma sehpa kullanıldığında, devrilmeden kaynaklanabilecek yaralanmalardan kaçınmak için sehpa/cihaz kombinasyonunu dikkatli taşıyın.
13. Fırtına sırasında veya uzun süre kullanılmadan bırakıldığında bu cihazı prizden çıkartın.
14. Bütün servis işlemlerini yetkili servis personeline bildirin. Güç kaynağı kordonu veya fişin zarar görmesi, sıvının dökülmesi veya cihazın içine nesne düşmesi, cihazın yağmura veya neme maruz kalması, normal çalışmaması veya düşmesi gibi herhangi bir şekilde cihaz hasar gördüğünde servis gereklidir.
15. Bu ürünün "Sınıf 2" veya "LPS" olarak işaretlenmiş bir Listelenmiş Güç Kaynağı Ünitesi tarafından beslenmesi ve 12 VDC 0,7 A veya PoE 0,27 A olarak derecelendirilmesi amaçlanmıştır. (XND-6081FZ/XND-6081VZ)
16. Bu ürünün "Sınıf 2" veya "LPS" olarak işaretlenmiş bir Listelenmiş Güç Kaynağı Ünitesi tarafından beslenmesi ve 12 VDC 0,75 A veya PoE 0,3 A olarak derecelendirilmesi amaçlanmıştır. (XND-8081FZ/XND-8081VZ)
17. Bu ürünün "Sınıf 2" veya "LPS" olarak işaretlenmiş bir Listelenmiş Güç Kaynağı Ünitesi tarafından beslenmesi ve 12 VDC 0,8 A, 24 VAC 0,8 A veya PoE 0,3 A olarak derecelendirilmesi amaçlanmıştır. (XNV-6081Z)
18. Bu ürünün "Sınıf 2" veya "LPS" olarak işaretlenmiş bir Listelenmiş Güç Kaynağı Ünitesi tarafından beslenmesi ve 12 VDC 0,85 A, 24 VAC 0,9 A veya PoE 0,33 A olarak derecelendirilmesi amaçlanmıştır. (XNV-8081Z)
19. Ürünü kurarken aşırı güç kullanırsanız, kamera hasar görebilir ve arıza yapabilir.
Uyumsuz aletler kullanarak ürünü zorla yüklerseniz, ürün hasar görebilir.
20. 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.



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

UYARI

YANGIN VEYA ELEKTRİK ŞOKU RİSKİNİ AZALTMAK İÇİN, BU CİHAZI YAĞMUR VEYA NEME MARUZ BIRAKMAYIN. CİHAZDAKİ HAVALANDIRMA IZGARALARINA VEYA DİĞER DELİKLERE HİÇBİR METAL NESNE SOKMAYIN.

Cihaza sıvı damlatılmamalı veya dökülmemelidir; ayrıca vazo gibi sıvı dolu nesneler cihazın yakınında bulunmamalıdır.

Yaralanmaları önlemek için, bu cihaz montaj talimatlarına göre Duvara/tavana güvenli şekilde monte edilmelidir.

DİKKAT

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

GRAFİK SEMBOLLERİNİN AÇIKLAMASI



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



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

Sınıf I yapısı

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

Pil

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

Pil değiştirilemez.

CIHAZIN BAĞLANTISINI KESME

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.

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

ITE yalnızca PoE ağlarına bağlanabilir, harici bir tesise yönlendirilemez.

Lütfen aşağıdaki önerilen güvenlik önlemlerini dikkatle okuyun.

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

Kullanım Kılavuzu, ürünlerin nasıl kullanılabileceğini gösteren bir kılavuz kitaptır.

Kitaptaki kullanım sembolü şu anlamlara gelmektedir.

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

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

Özel kurulum ortamlarında telsiz iletişimde girişim olabilir.

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

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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
- Önerilen tarayıcı: Google Chrome
Desteklenen Tarayıcılar: MS Explorer, MS Edge, Mozilla Firefox (sadece Window 64bit), Apple Safari (sadece Mac OSX)

※ Doğrulanmış OS ve tarayıcılarla ilgili ayrıntılı bilgi için lütfen eke bakın.

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

NAS İÇİN ÖNERİLEN TEKNİK ÖZELLİKLER

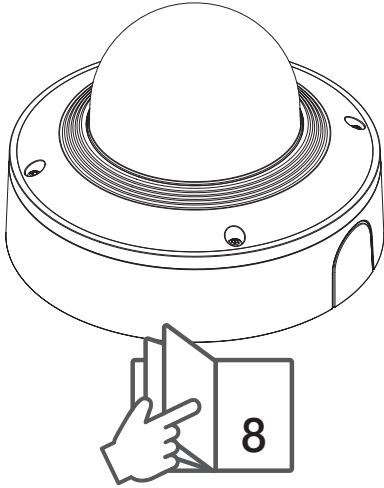
- Önerilen kapasite : 200GB veya üstü önerilir.
- Eşzamanlı erişim : Tek bir NAS birimi en çok on altı kameranın erişimini kabul edebilir.
- Bu kamera için, aşağıdaki üretici teknik özelliklerine sahip bir NAS kullanmanız önerilir.

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

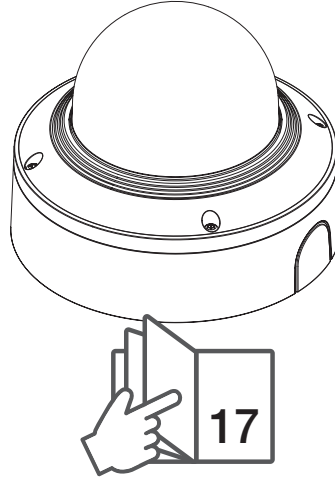


- NAS ekipmanını video kaydetmek dışında bir amaçla kullanıyorsanız, erişilebilir kamera sayısı düşürülebilir.

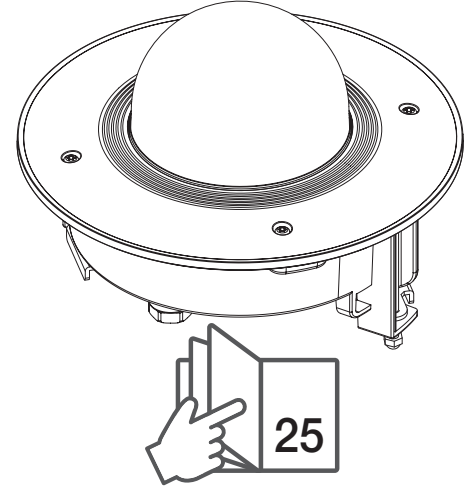
Dış Mekan Vandal Dom
XNV-6081Z/XNV-8081Z



İç Mekan Vandal Dom
XND-6081VZ/XND-8081VZ

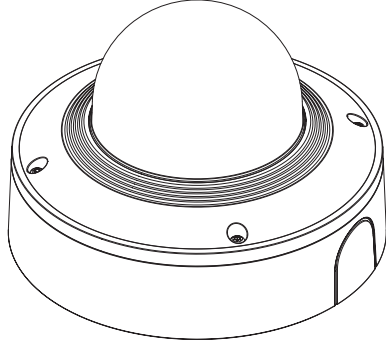


Gömme Montajlı Dom
XND-6081FZ/XND-8081FZ

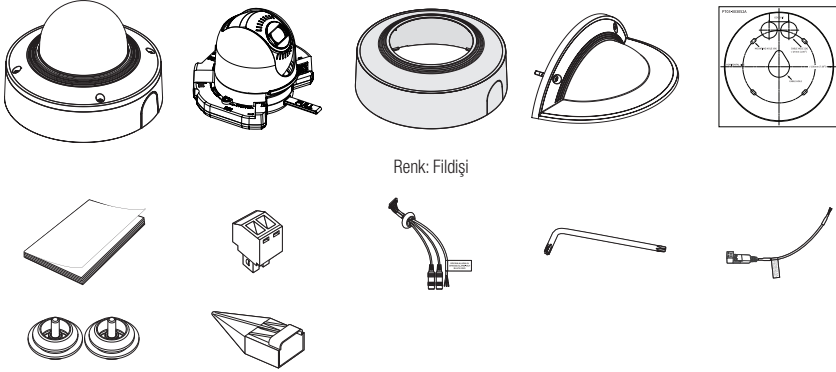


DAHİL OLANLAR

Satış yapılan her ülkede aksesuar aynı değildir.

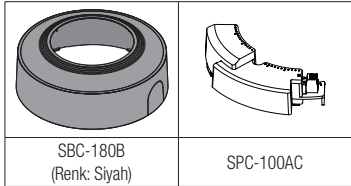


<XNV-6081Z/XNV-8081Z>

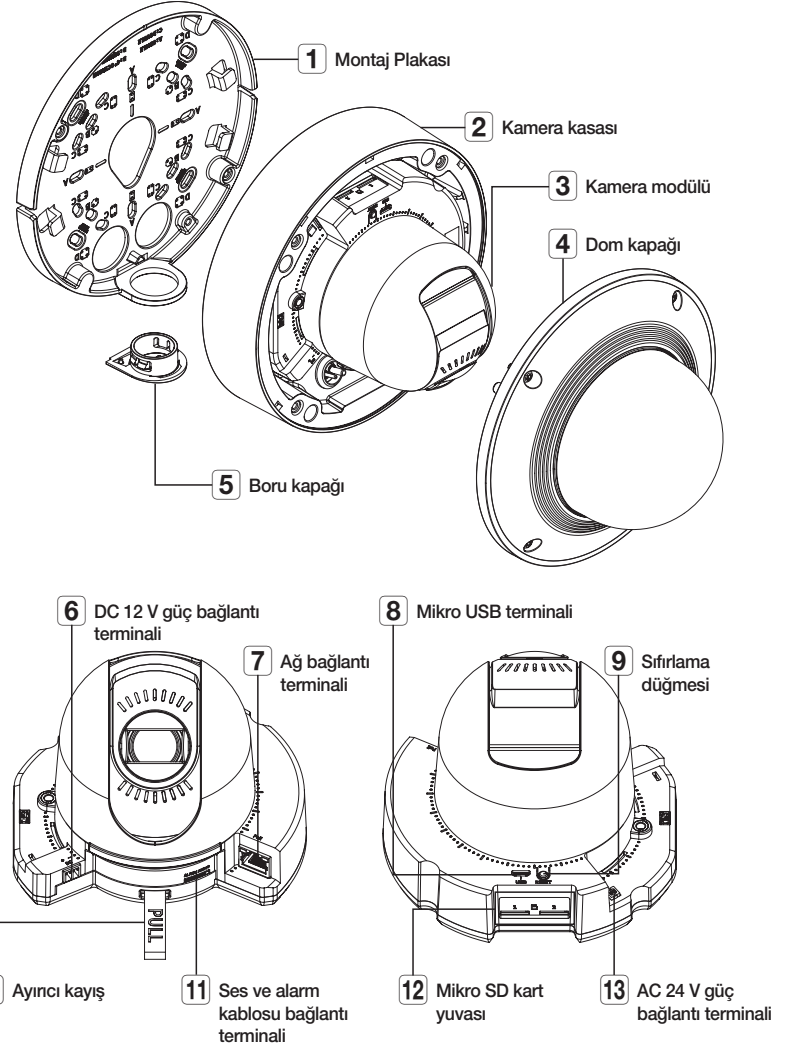


Renk: Fildişi

İsteğe bağlı (ayrı olarak satılır)



İLK BAKIŞ



KURULUM



- Bu fotoğraf makinesi, su geçirmezdir ve IP67 / IP66 şartnamesine uygundur, ancak harici kabloya bağlanan jak uygun değildir. Kablounun tamamen açıkta kalmasını önlemek için bu ürünü saçak kenarlarının altına yüklemeniz önerilir.

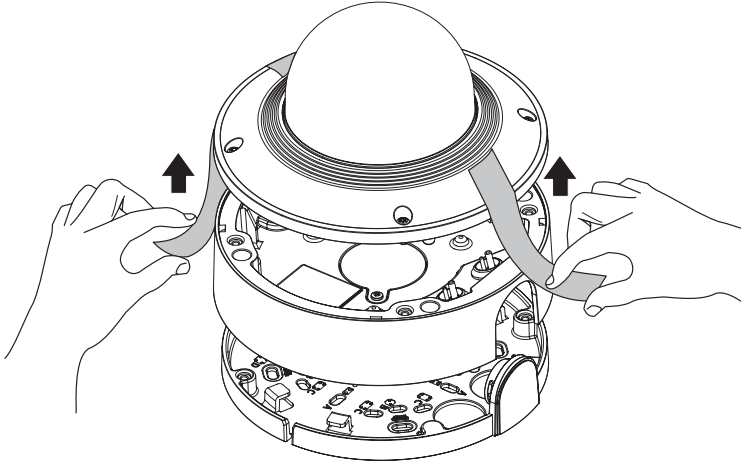
Kurulumdan Önce Alınması Gereken Önlemler

Kamerayı kurmadan önce aşağıdaki talimatları mutlaka okuyun:

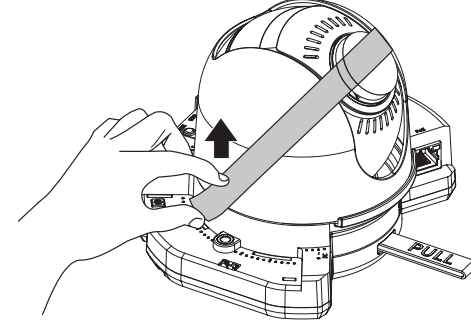
- Kamera ağırlığının en az 5 katını taşıyabilecek bir kurulum yeri seçin.
- Sıkıştırılmış veya soyulmuş kablolar hasara neden olabilir veya yangın çıkarabilir.
- Güvenlik açısından, kurulum alanında kimsenin bulunmamasını sağlayın. Her ihtimale karşı özel eşyalarınızı kurulum alanından uzak tutun.
- Ürün aşırı kuvvet uygulanarak kurulursa parçalar bozulabilir ve bu da kameraya zarar verebilir. Montajı, uygun olmayan aletlerle yapmaya çalışmak ürüne zarar verebilir.

Sökme işlemi

1. Kamera kasasını sabitleyen bandı çıkarın.

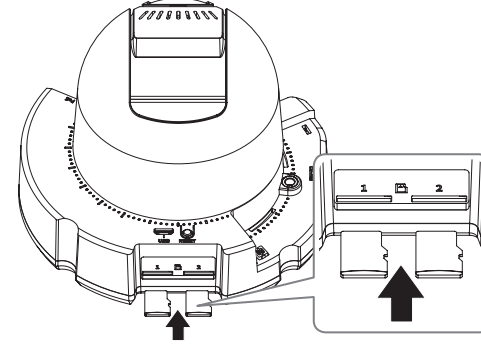


2. Kamera modülüne yapıştırılmış bandı çıkarın.



Micro SD Bellek Kartının Takılması

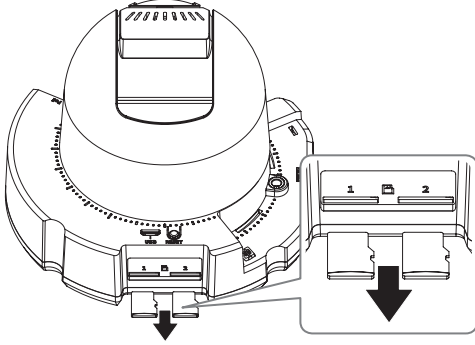
Mikro SD kartı, kamera modülündeki Micro SD yuvasına ok işareti yönünde kaydırarak takın.



- Kamerayı takmadan önce, güç kaynağı ve gövde ayrı durumdayken Micro SD bellek kartı takılmalıdır.
- Zorlayarak ters yönde takmaya çalışmayın. Bu, Micro SD bellek kartınıza ve ürününüze zarar verebilir.
- Micro SD kartın yağmur yağarken ya da nem yüksek olduğunda takılması veya çıkarılması önerilmez.
- Micro SD bellek kartını takarken/sökerken, parçaların kaybolması veya düşmesi nedeniyle meydana gelebilecek kazaları önlemek için, üzerinde çalışmadan önce ürün gövdesini düz bir yere koyduğunuzdan emin olun.

Micro SD Bellek Kartının Çıkarılması

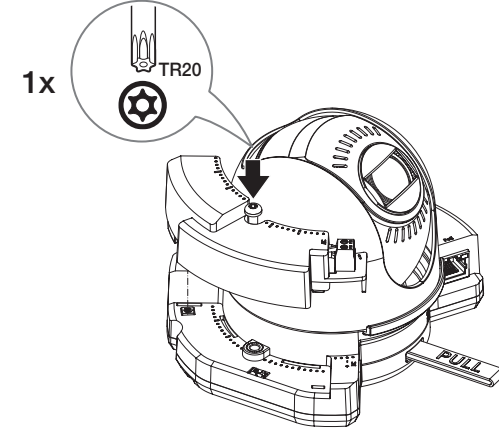
Hafıza kartını yuvasından çıkartmak için şemada gösterildiği gibi hafıza kartının açık tarafından yavaşça basın.



- 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.

AC modülünün takılması (ayrı olarak satılır: SPC-100AC)

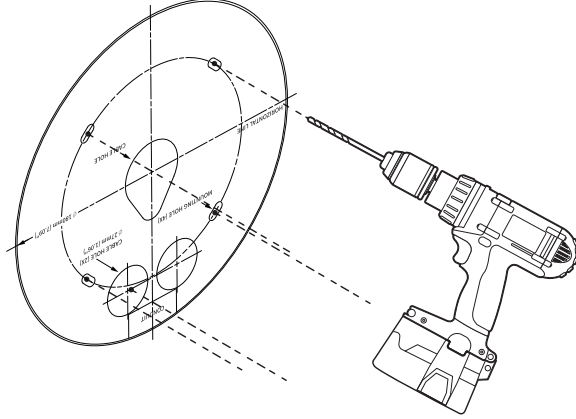
- AC modülünü şekilde gösterildiği gibi takın.
- Altıgen anahtar kullanarak vidayı sıkın.



Takma işlemi (montaj plakası)

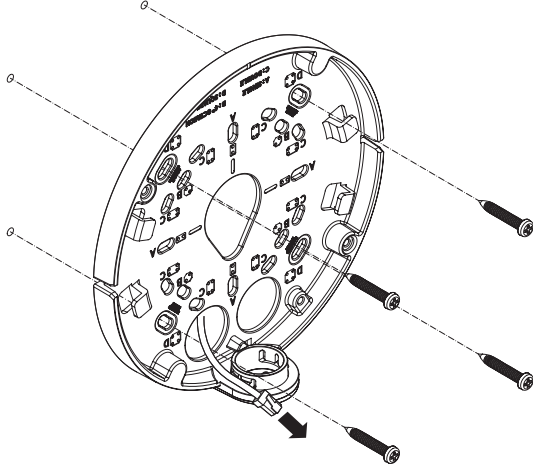
[Doğrudan duvara/tavana montaj]

1-1. Montaj şablonunu istenilen yüzeye takın ve vidalar ile kablolar için delikler açın.



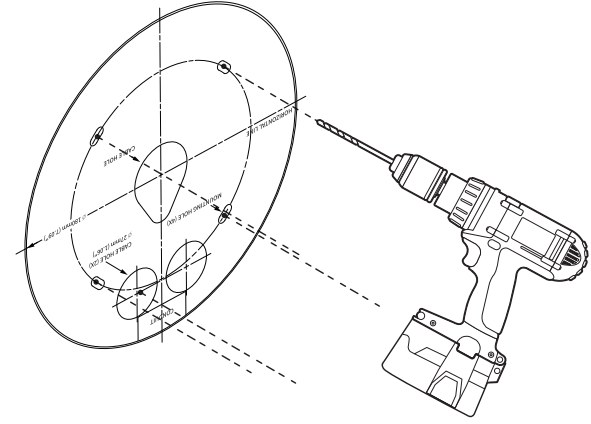
1-2. Montaj plakasını uygun vidalar kullanarak sabitleyin.

1-3. Montaj plakasındaki delikten LAN/güç/ses ve alarm kabloları arasındaki gerekli kabloları çekerek çıkarın.

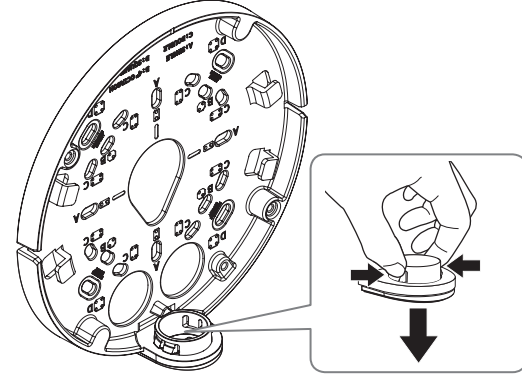


[Boru aracılığıyla takma]

2-1. Montaj şablonunu takın ve vidalar ile kablolar için delikler açın.



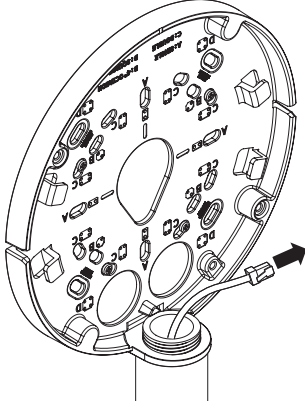
2-2. Montaj plakasının boru kapağını yan taraflarına bastırarak ayırın.



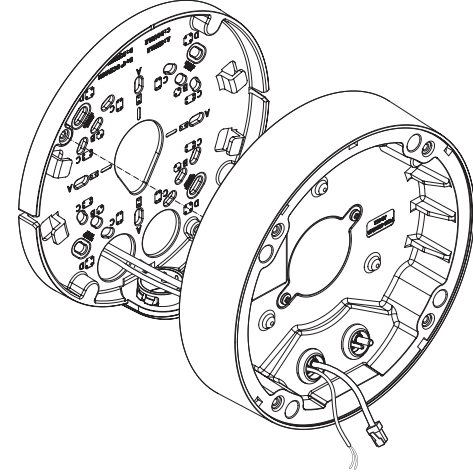
2-3. Boruyu montaj plakasına yerleştirin.

2-4. Montaj plakasını uygun vidalar kullanarak sabitleyin.

2-5. Borunun içinden LAN/güç/ses ve alarm kabloları arasındaki gerekli kabloları çekerek çıkarın.



1-4. Burcu kamera kasasına monte edin.



Takma işlemi (kamera kasası)

! ■ Bağlanmak için, LAN kablosu ile uyumlu bir kablo burcu kullanın.

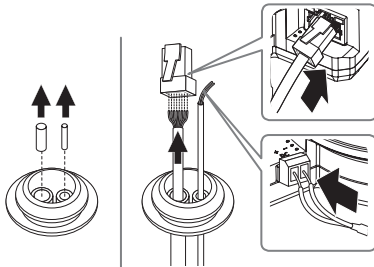
- Ana kamera: çapı Ø5 ila 6,5 olan bir kablo kullanın
- Bileşenler: çapı Ø5 ila 8,5 olan bir kablo kullanın

[LAN/güç kablolarının takılması]

1-1. Kullanılacak olan burcun dışarı çıkmış parçalarını çekerek koparın.

1-2. LAN kablosunu burcun büyük deliğinden geçirin ve LAN konektörüne bağlayın.

1-3. (Güç kullanılırken) Güç kablosunu burcun küçük deliğinden geçirin ve temin edilen terminal bloğuna bağlayın.

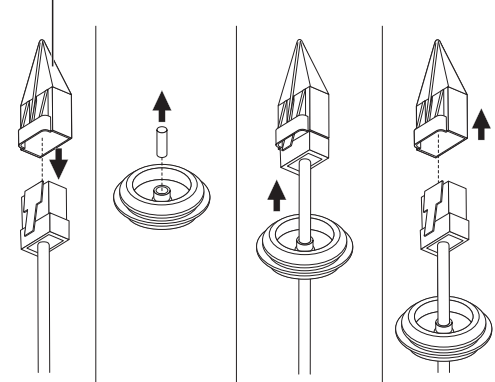


[LAN kablosunun takılması] (IP66)

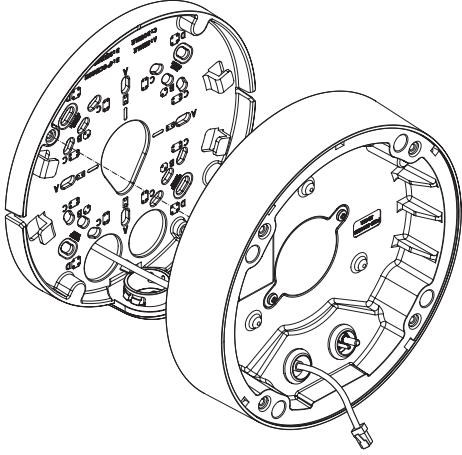
2-1. Temin edilen 1 delikli burcun dışarı çıkmış parçasını çekerek koparın.

2-2. RJ45 kablosundan geçirmek için kapak montaj parçasını kullanın.

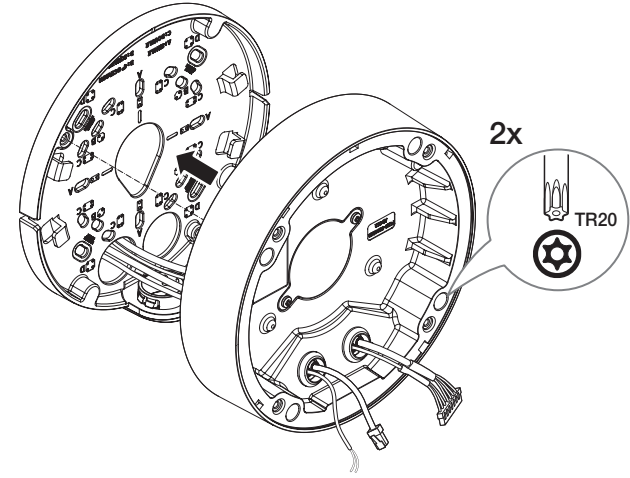
Kapak Montaj Parçası



2-3. Burcu kamera kasasına monte edin.

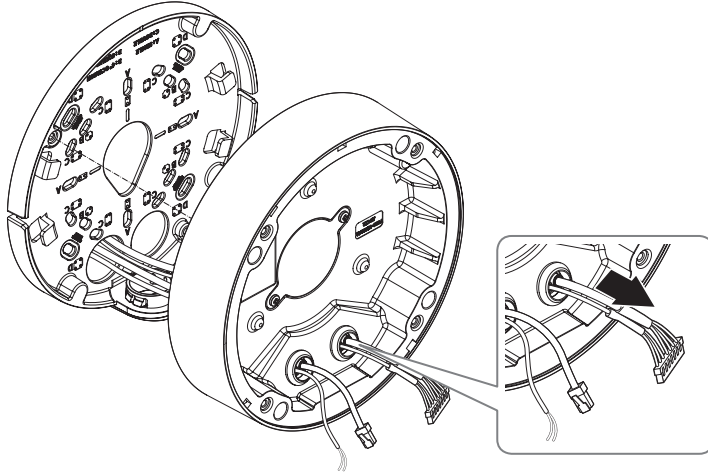


4. Montaj plakasını kamera kasası ile birleştirin.



[Ses ve alarm kablolarının takılması]

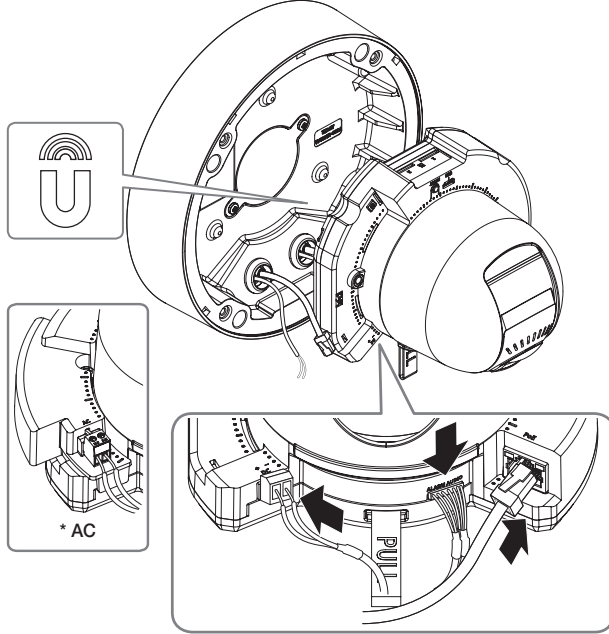
3-1. Temin edilen ses ve alarm kablolarının burcunu kamera kasasına takın.



Kamera modülünün takılması

1. LAN/güç/ses ve alarm kablolarını kamera modülü terminaline bağlayın.
2. Kamera modülünü kasaya takın.

- ! Modülün altında gömülü bir mıknatıs bulunmaktadır.
- Montaj yüzeyleri arasında yabancı cisimlerin bulunmamasına dikkat edin.

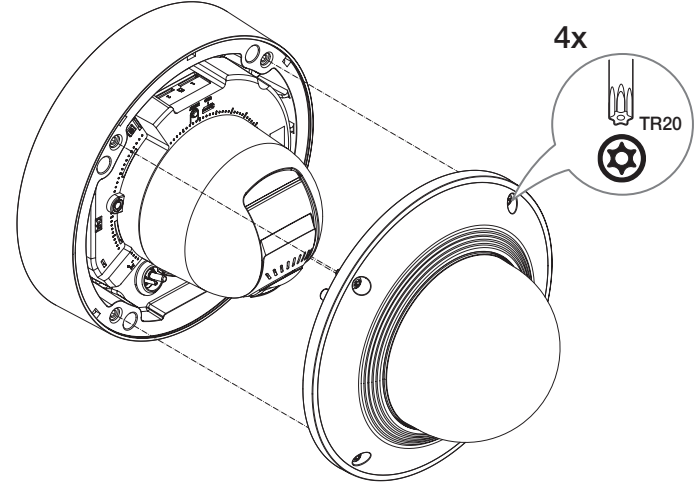


Dom kapağının montajı

[Doğrudan duvara/tavana montaj]

1. Dom kapağını monte edin.

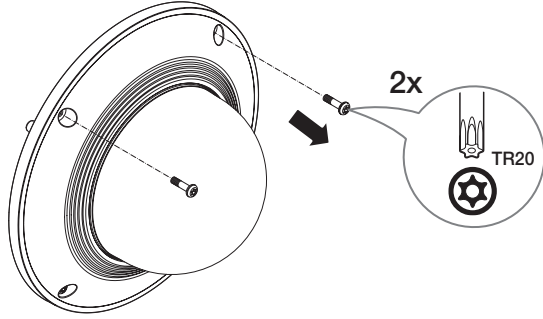
- ! Su hasarı sorunu çıkmaması için, sabitleme civatalarını iyice sıktığınızdan emin olun.



3. "Kameranın izleme yönünün ayarlanması" bölümüne bakarak lensi istenen yöne ayarlayın. (sayfa 33)

[Yağmur başlığının kullanımı]

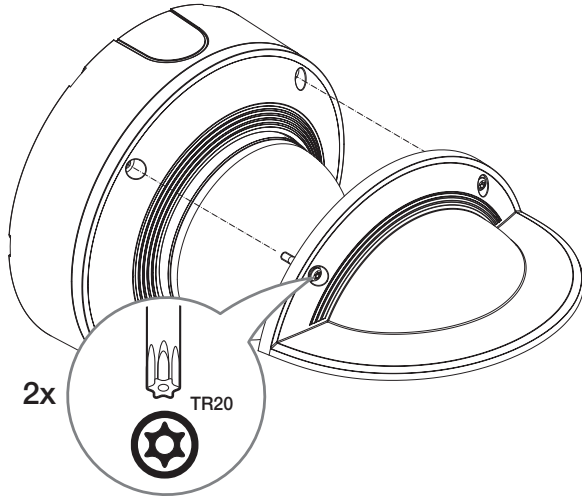
1. Dom kapağındaki vidaları sökün.



2. Dom kapağını monte edin.

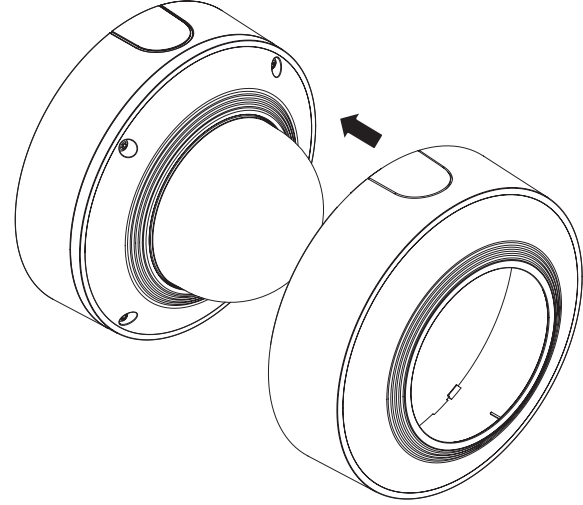
3. Yağmur başlığını dom kapağına takın ve vidaları sıkın.

! ■ Su hasarı sorunu çıkmaması için, sabitleme civatalarını iyice sıktığınızdan emin olun.

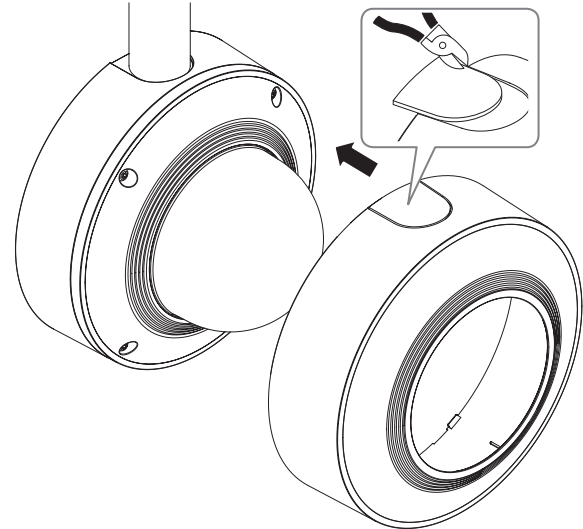


Üst kaplamanın uygulanması/sökülmesi

1. Üst kaplamayı boru kapağı ile aynı hizada olacak şekilde takın.

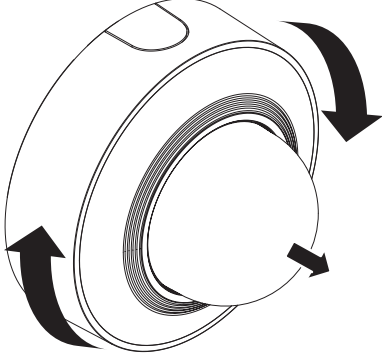


2. Boruyla bağlanmış kameralarda, boru kapağını takmadan önce üst kaplamadan ayırın.

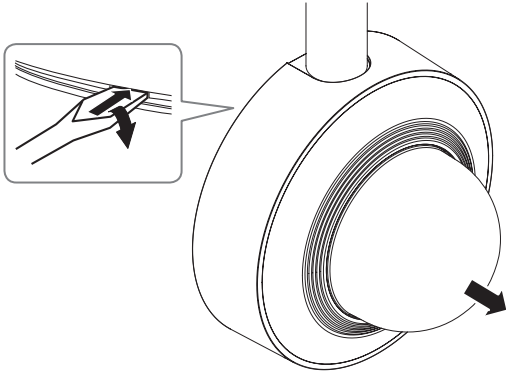


3. Üst kaplamayı çıkarmak için, şekilde gösterildiği gibi saat yönünde döndürerek çekin.

- Üst kaplamanın ardi ardına takılması ve çıkarması, üst kaplamanın şeklini bozabilir.
- Üst kaplamanın aşırı kuvvet uygulanarak takılması ve çıkarması, ürünün yüzeyinde çiziklerin oluşmasına neden olabilir.



- Bir boru bağlandığı zaman, bunu uygun bir alet kullanarak çıkarm.

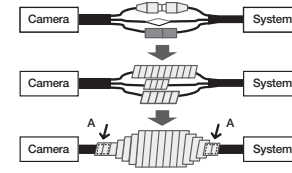


Dış mekan montajı

Cihazı binanın dışına monte ettiğinizde, lütfen butil plastik bantla (mağazalardan alınabilir) su yalıtımı sağlayın, böylece dışarıya bağlanan kablo açıklığından sıvı sızıntısı olmaz.

1. Güç, G/Ç ve LAN kablolarını bağlayın.

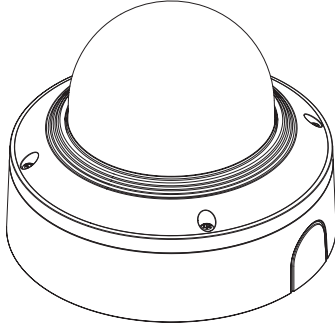
2. Siyah kablo kaplamasını (Alan A) ve kablo bağlantı alanını butil plastik bandın yansından fazlası üst üste gelecek şekilde su geçirmez (butil plastik) bantla sarın.



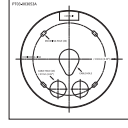
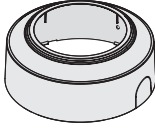
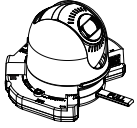
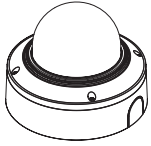
- Kablo kaplamasının su geçirmezliği düzgün sağlanmadığında bu durum doğrudan sızıntıya neden olabilir. Kabloyu yoğun bir bant katmanıyla koruduğunuzdan emin olun.
- Su geçirmez butil bant, normal uzunluğunun iki katına kadar esnetilebilen butil plastikten yapılmıştır.

DAHİL OLANLAR

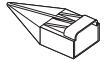
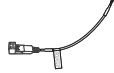
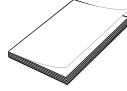
Satış yapılan her ülkede aksesuar aynı değildir.



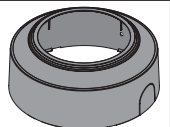
<XND-6081VZ/XND-8081VZ>



Renk: Fildişi

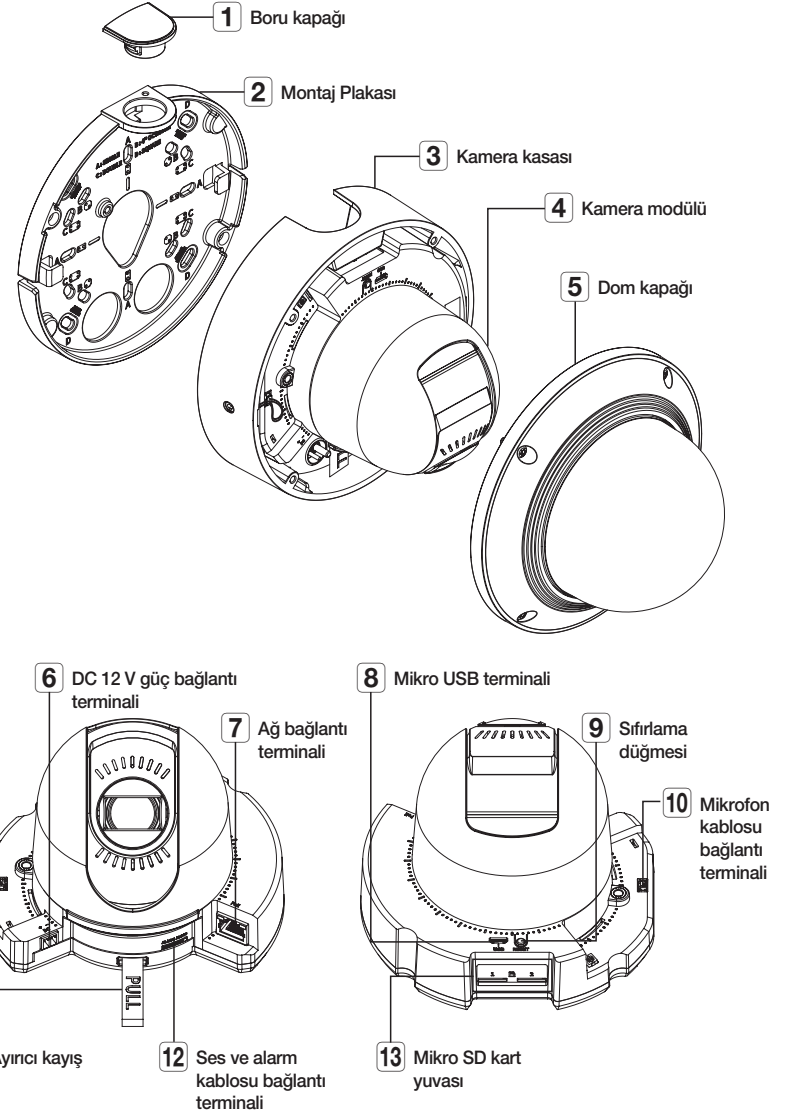


İsteğe bağlı (ayrı olarak satılır)



SBC-160B
(Renk: Siyah)

İLK BAKIŞ



KURULUM



- Bu fotoğraf makinesi, su geçirmezdir ve IP52 şartnamesine uygundur, ancak harici kabloya bağlanan jak uygun değildir. Kablounun tamamen açıkta kalmasını önlemek için bu ürünü saçak kenarlarının altına yüklemeniz önerilir.

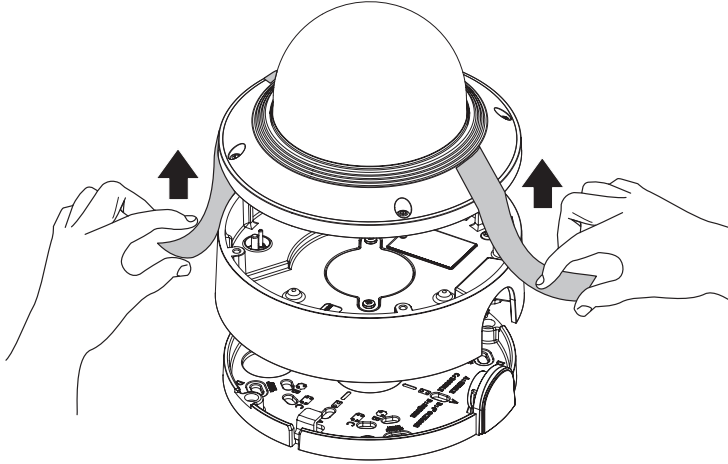
Kurulumdan Önce Alınması Gereken Önlemler

Kamerayı kurmadan önce aşağıdaki talimatları mutlaka okuyun:

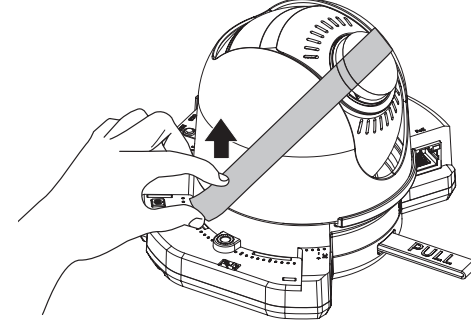
- Kamera ağırlığının en az 5 katını taşıyabilecek bir kurulum yeri seçin.
- Sıkıştırılmış veya soyulmuş kablolar hasara neden olabilir veya yangın çıkarabilir.
- Güvenlik açısından, kurulum alanında kimsenin bulunmamasını sağlayın. Her ihtimale karşı özel eşyalarınızı kurulum alanından uzak tutun.
- Ürün aşırı kuvvet uygulanarak kurulursa parçalar bozulabilir ve bu da kameraya zarar verebilir. Montajı, uygun olmayan aletlerle yapmaya çalışmak ürüne zarar verebilir.

Sökme işlemi

1. Kamera kasasını sabitleyen bandı çıkarın.

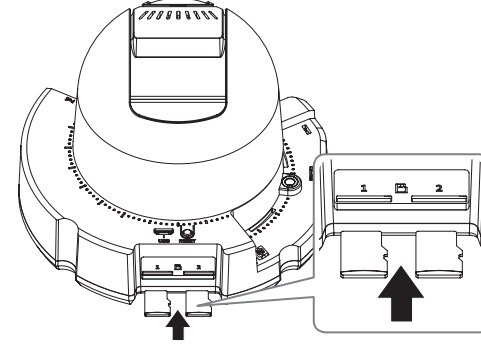


2. Kamera modülüne yapıştırılmış bandı çıkarın.



Micro SD Bellek Kartının Takılması

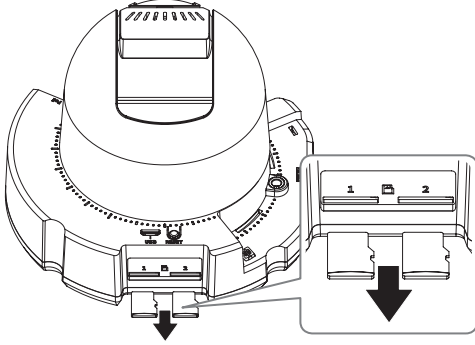
Mikro SD kartı, kamera modülündeki Micro SD yuvasına ok işareti yönünde kaydırarak takın.



- Kamerayı takmadan önce, güç kaynağı ve gövde ayrı durumdayken Micro SD bellek kartı takılmalıdır.
- Zorlayarak ters yönde takmaya çalışmayın. Bu, Micro SD bellek kartınıza ve ürününüze zarar verebilir.
- Micro SD kartın yağmur yağarken ya da nem yüksek olduğunda takılması veya çıkarılması önerilmez.
- Micro SD bellek kartını takarken/sökerken, parçaların kaybolması veya düşmesi nedeniyle meydana gelebilecek kazaları önlemek için, üzerinde çalışmadan önce ürün gövdesini düz bir yere koyduğunuzdan emin olun.

Micro SD Bellek Kartının Çıkarılması

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

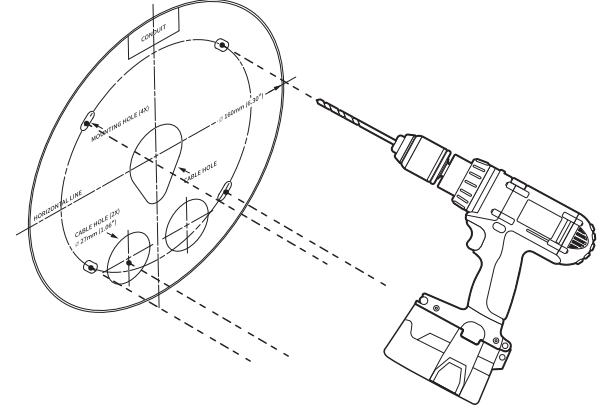


- Micro SD bellek kartı çıkık haldeyken sertçe itip bırakırsanız dışarı fırlayabileceğini lütfen unutmayın.
- Micro SD bellek kartını çıkartmadan önce, <Depolama> alanında, cihazı <Kapalı> duruma getirin ve [Uygula] düğmesine basarak kamerayı kapatın.
- Fotoğraf makinesini kapatırsanız veya üründen veriler içeren Micro SD bellek kartını çıkarırsanız, veriler kaybolabilir veya hasar görebilir.

Takma işlemi (montaj plakası)

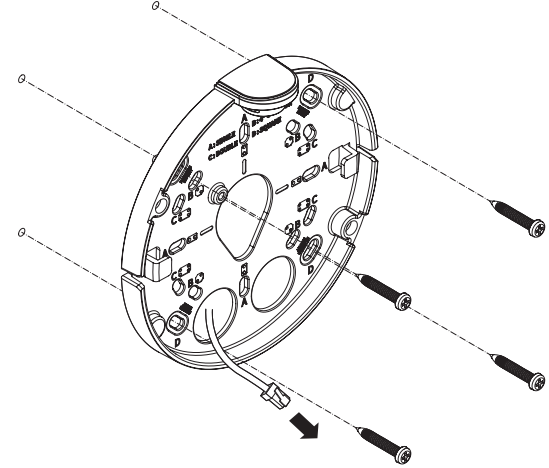
[Doğrudan duvara/tavana montaj]

1-1. Montaj şablonunu istenilen yüzeye takın ve vidalar ile kablolar için delikler açın.



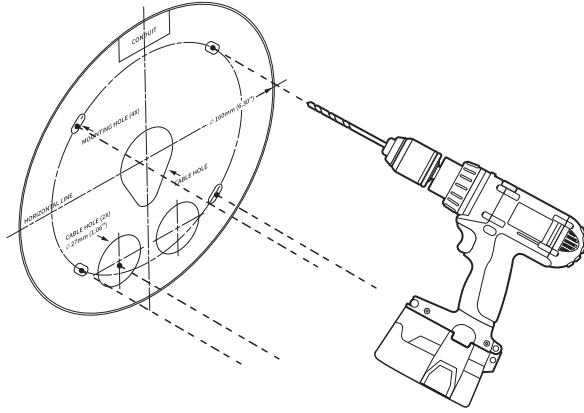
1-2. Montaj plakasını uygun vidalar kullanarak sabitleyin.

1-3. Montaj plakasındaki delikten LAN/güç/ses ve alarm kabloları arasındaki gerekli kabloları çekerek çıkarın.

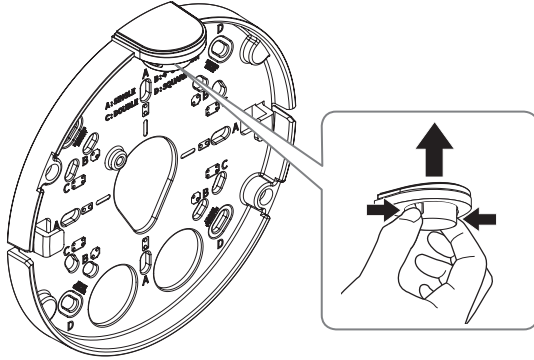


[Boru aracılığıyla takma]

2-1. Montaj şablonunu takın ve vidalar ile kablolar için delikler açın.



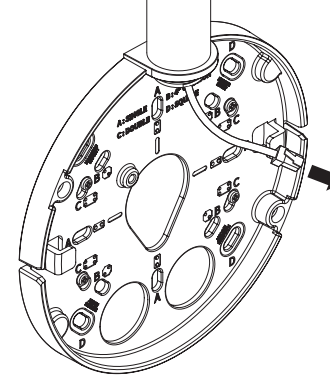
2-2. Montaj plakasının boru kapağını yan taraflarına bastırarak ayırın.



2-3. Boruyu montaj plakasına yerleştirin.

2-4. Montaj plakasını uygun vidalar kullanarak sabitleyin.

2-5. Borunun içinden LAN/güç/ses ve alarm kabloları arasındaki gerekli kabloları çekerek çıkarın.



Takma işlemi (kamera kasası)

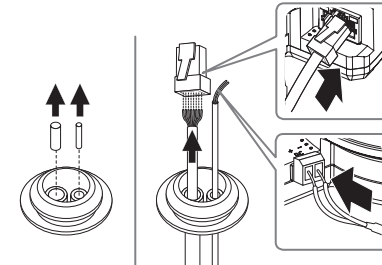
- ! ■ Bağlanmak için, LAN kablosu ile uyumlu bir kablo burcu kullanın.
 - Ana kamera: çapı Ø5 ila 6,5 olan bir kablo kullanın
 - Bileşenler: çapı Ø5 ila 8,5 olan bir kablo kullanın

[LAN/güç kablolarının takılması]

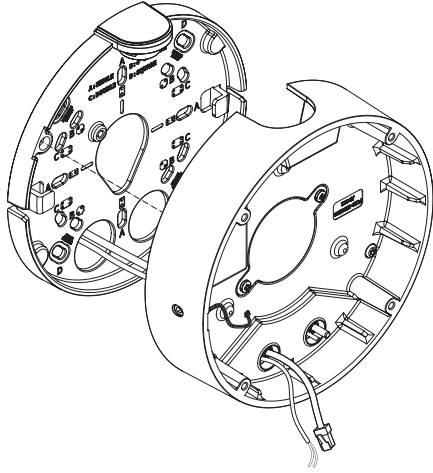
1-1. Kullanılacak olan burcun dışarı çıkmış parçalarını çekerek koparın.

1-2. LAN kablosunu burcun büyük deliğinden geçirin ve LAN konektörüne bağlayın.

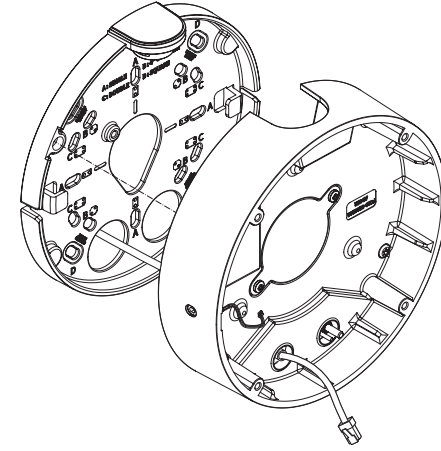
1-3. (Güç kullanılırken) Güç kablosunu burcun küçük deliğinden geçirin ve temin edilen terminal bloğuna bağlayın.



1-4. Burcu kamera kasasına monte edin.



2-3. Burcu kamera kasasına monte edin.

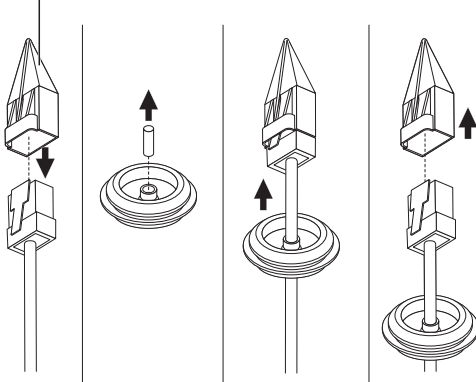


[LAN kablusunun takılması]

2-1. Temin edilen 1 delikli burcun dışarı çıkmış parçasını çekerek koparın.

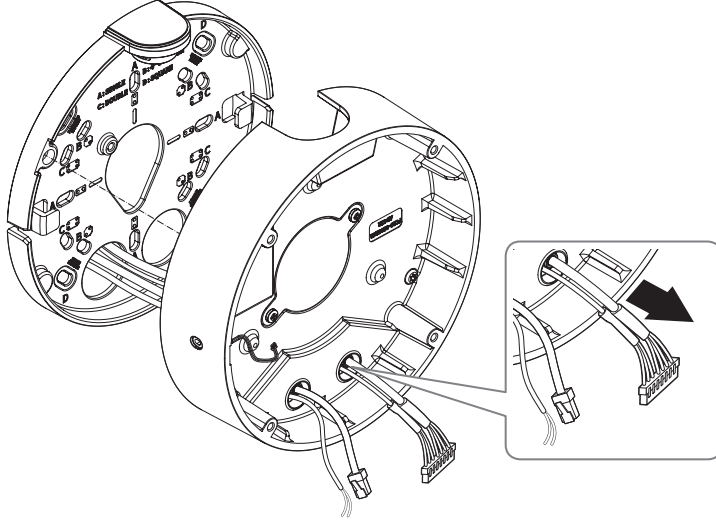
2-2. RJ45 kablосundan geçirmek için kapak montaj parçasını kullanın.

Kapak Montaj Parçası

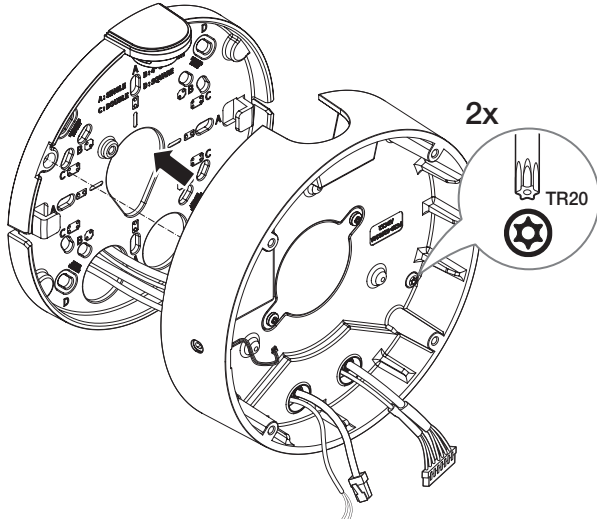


[Ses ve alarm kablolarının takılması]

3-1. Temin edilen ses ve alarm kablolarının burcunu kamera kasasına takın.



4. Montaj plakasını kamera kasası ile birleştirin.



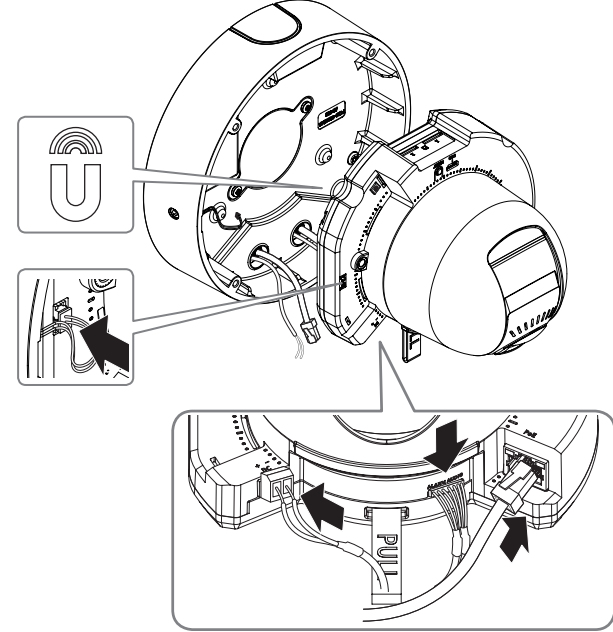
Kamera modülünün takılması

1. LAN/güç/ses ve alarm kablolarını kamera modülü terminaline bağlayın.
2. Kamera modülünü kasaya takın.



- Modülün altında gömülü bir mıknatıs bulunmaktadır.
- Montaj yüzeyleri arasında yabancı cisimlerin bulunmamasına dikkat edin.

3. Mikrofon kablosunu kamera modülüne bağlayın.



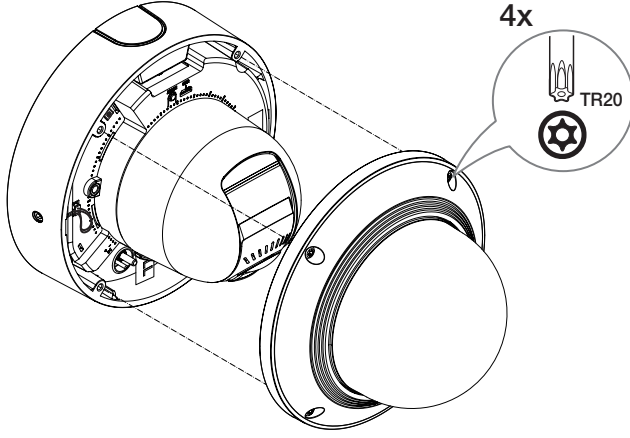
4. "Kameranin izleme yönünün ayarlanması" bölümüne bakarak lensi istenen yöne ayarlayın. (sayfa 33)

Dom kapağının montajı

[Doğrudan duvara/tavana montaj]

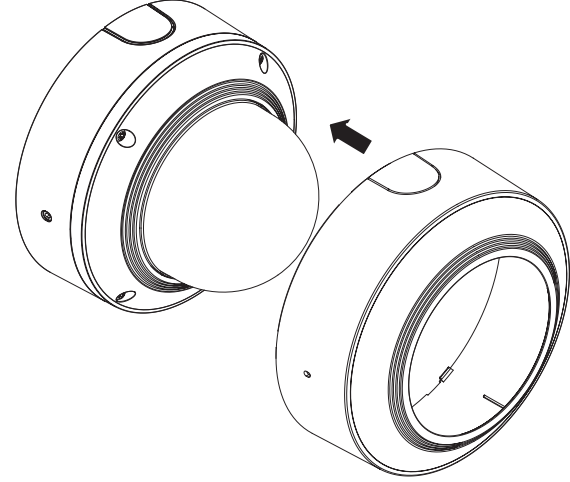
1. Dom kapağını monte edin.

! ■ Su hasarı sorunu çıkmaması için, sabitleme civatalarını iyice sıktığınızdan emin olun.

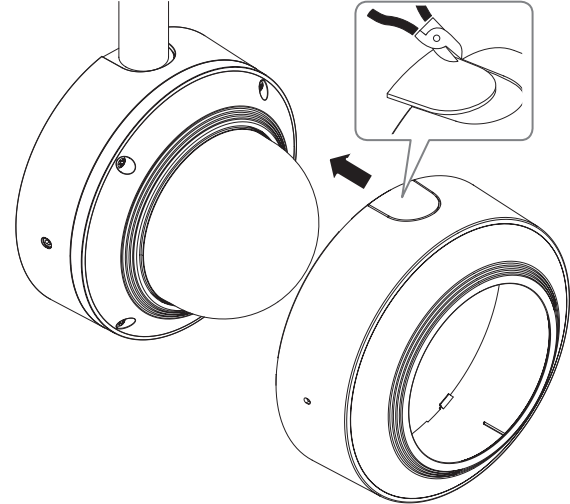


Üst kaplamanın uygulanması/sökülmesi

1. Üst kaplamayı boru kapağı ile aynı hizada olacak şekilde takın.

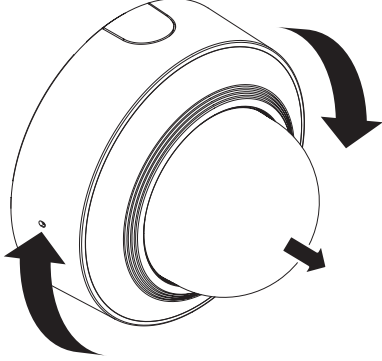


2. Boruyla bağlanmış kameralarda, boru kapağını takmadan önce üst kaplamadan ayırın.

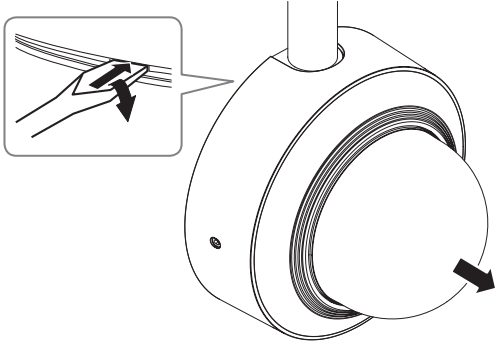


3. Üst kaplamayı çıkarmak için, şekilde gösterildiği gibi saat yönünde döndürerek çekin.

- Üst kaplamanın ardı ardına takılması ve çıkarılması, üst kaplamanın şeklini bozabilir.
- Üst kaplamanın aşırı kuvvet uygulanarak takılması ve çıkarılması, ürünün yüzeyinde çiziklerin oluşmasına neden olabilir.



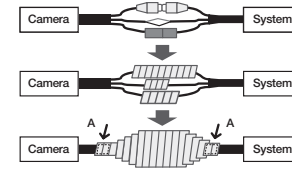
- Bir boru bağlandığı zaman, bunu uygun bir alet kullanarak çıkarm.



Dış mekan montajı

Cihazı binanın dışına monte ettiğinizde, lütfen butil plastik bantla (mağazalardan alınabilir) su yalıtımı sağlayın, böylece dışarıya bağlanan kablo açıklığından sıvı sızıntısı olmaz.

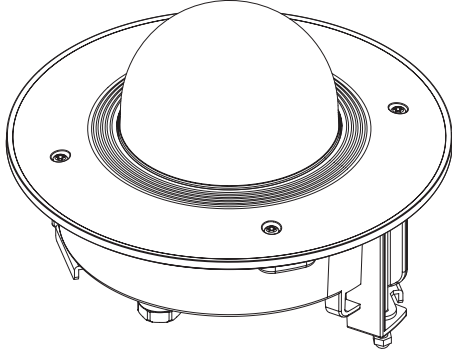
1. Güç, G/Ç ve LAN kablolarını bağlayın.
2. Siyah kablo kaplamasını (Alan A) ve kablo bağlantı alanını butil plastik bandın yansından fazlası üst üste gelecek şekilde su geçirmez (butil plastik) bantla sarın.



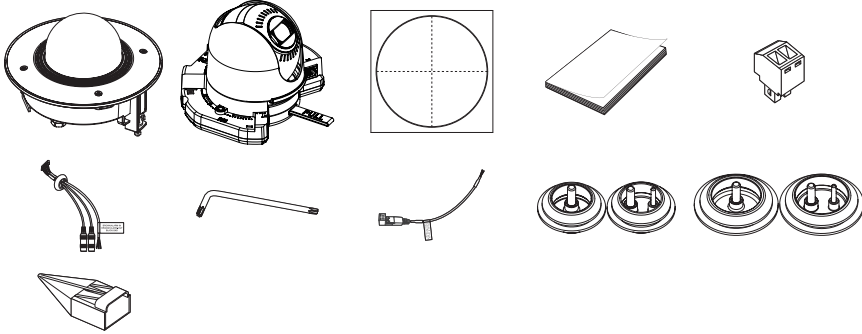
- Kablo kaplamasının su geçirmezliği düzgün sağlanmadığında bu durum doğrudan sızıntıya neden olabilir. Kabloyu yoğun bir bant katmanıyla koruduğunuzdan emin olun.
- Su geçirmez butil bant, normal uzunluğunun iki katına kadar esnetilebilen butil plastikten yapılmıştır.

DAHİL OLANLAR

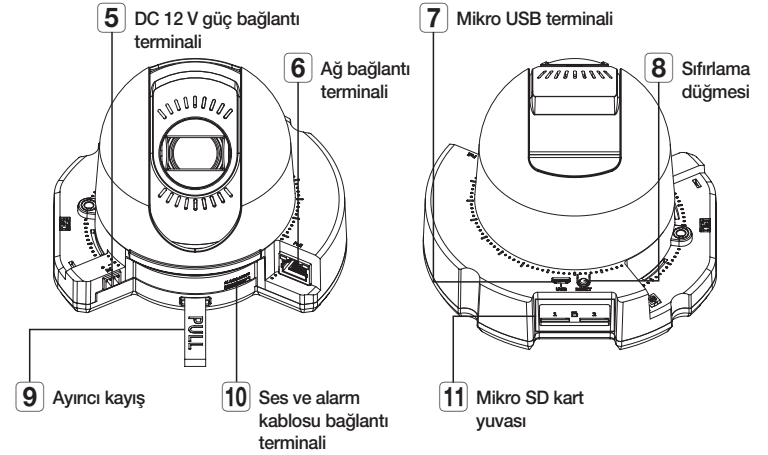
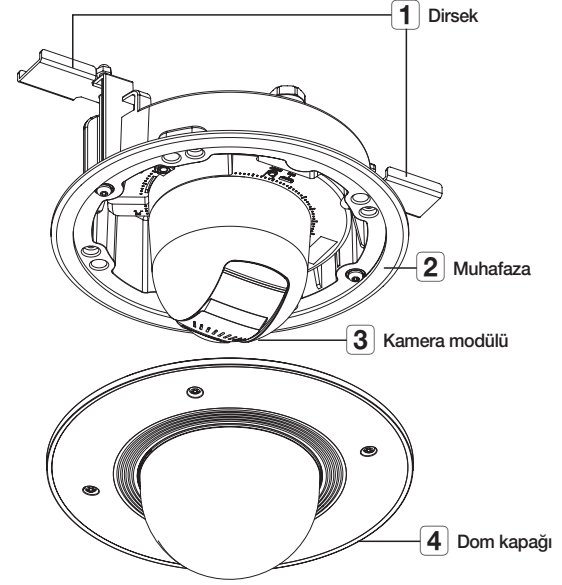
Satış yapılan her ülkede aksesuar aynı değildir.



<XND-6081FZ/XND-8081FZ>



İLK BAKIŞ



KURULUM



- Bu fotoğraf makinesi, su geçirmezdir ve IP52 şartnamesine uygundur, ancak harici kabloya bağlanan jak uygun değildir. Kablounun tamamen açıkta kalmasını önlemek için bu ürünü saçak kenarlarının altına yüklemeniz önerilir.

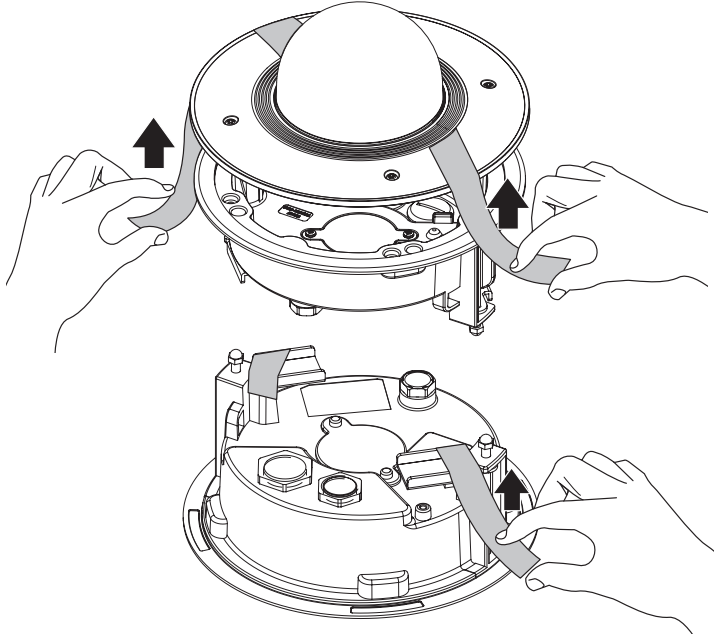
Kurulumdan Önce Alınması Gereken Önlemler

Kamerayı kurmadan önce aşağıdaki talimatları mutlaka okuyun:

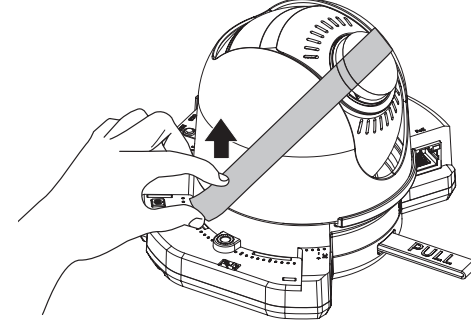
- Kamera ağırlığının en az 5 katını taşıyabilecek bir kurulum yeri seçin.
- Sıkıştırılmış veya soyulmuş kablolar hasara neden olabilir veya yangın çıkarabilir.
- Güvenlik açısından, kurulum alanında kimsenin bulunmamasını sağlayın. Her ihtimale karşı özel eşyalarınızı kurulum alanından uzak tutun.
- Ürün aşırı kuvvet uygulanarak kurulursa parçalar bozulabilir ve bu da kameraya zarar verebilir. Montajı, uygun olmayan aletlerle yapmaya çalışmak ürüne zarar verebilir.

Sökme işlemi

1. Kamera kasasını sabitleyen bandı çıkarın.

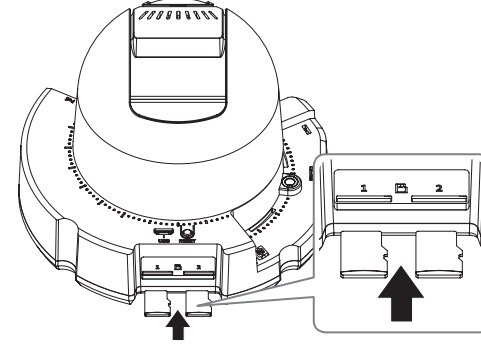


2. Kamera modülüne yapıştırılmış bandı çıkarın.



Micro SD Bellek Kartının Takılması

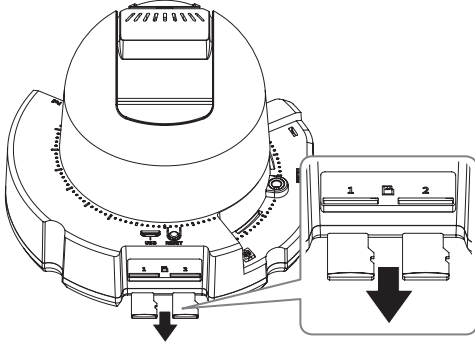
Mikro SD kartı, kamera modülündeki Micro SD yuvasına ok işareti yönünde kaydırarak takın.



- Kamerayı takmadan önce, güç kaynağı ve gövde ayrı durumdayken Micro SD bellek kartı takılmalıdır.
- Zorlayarak ters yönde takmaya çalışmayın. Bu, Micro SD bellek kartınıza ve ürününüze zarar verebilir.
- Micro SD kartın yağmur yağarken ya da nem yüksek olduğunda takılması veya çıkarılması önerilmez.
- Micro SD bellek kartını takarken/sökerken, parçaların kaybolması veya düşmesi nedeniyle meydana gelebilecek kazaları önlemek için, üzerinde çalışmadan önce ürün gövdesini düz bir yere koyduğunuzdan emin olun.

Micro SD Bellek Kartının Çıkarılması

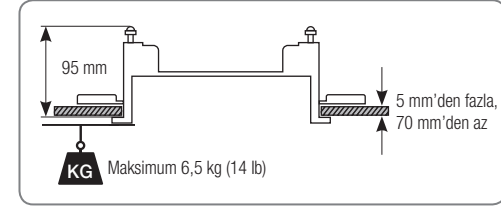
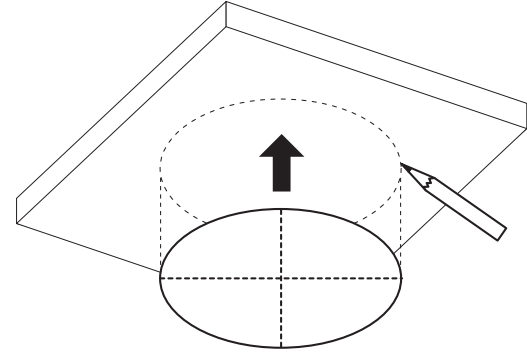
Hafıza kartını yuvasından çıkartmak için şemada gösterildiği gibi hafıza kartının açık tarafından yavaşça basın.



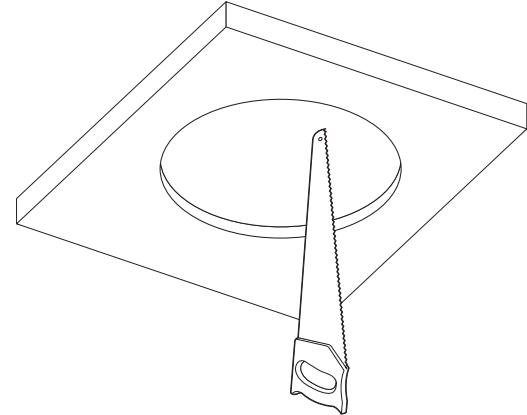
- Micro SD bellek kartı çıkık haldeyken sertçe itip bırakırsanız dışarı fırlayabileceğini lütfen unutmayın.
- Micro SD bellek kartını çıkartmadan önce, <Depolama> alanında, cihazı <Kapalı> duruma getirin ve [Uygula] düğmesine basarak kamerayı kapatın.
- Fotoğraf makinesini kapatırsanız veya üründen veriler içeren Micro SD bellek kartını çıkarırsanız, veriler kaybolabilir veya hasar görebilir.

Takma işlemi (muhafaza)

- Montaj şablonunu tavana takın ve yerini bir kurşun kalemle işaretleyin.



- Montaj şablonunu takın ve delikleri açın.

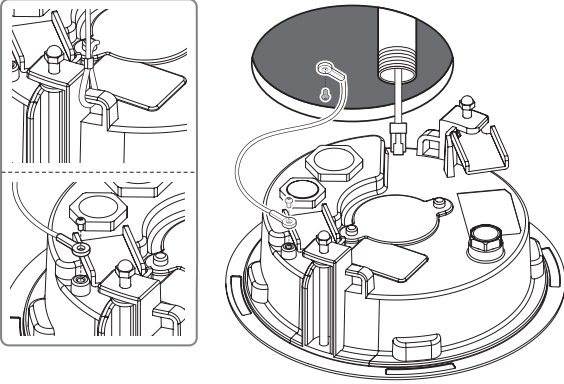


gömme montajlı dom

3. Güvenlik kablosunu bağlayın.

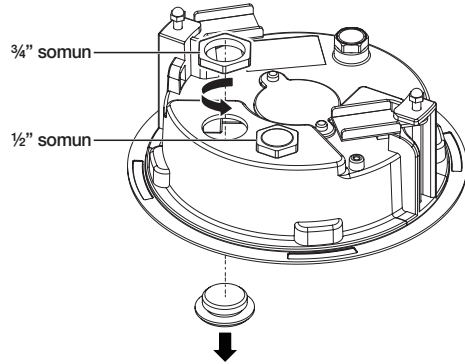
! ■ Güvenlik kablosu temin edilmemiştir.

örn.

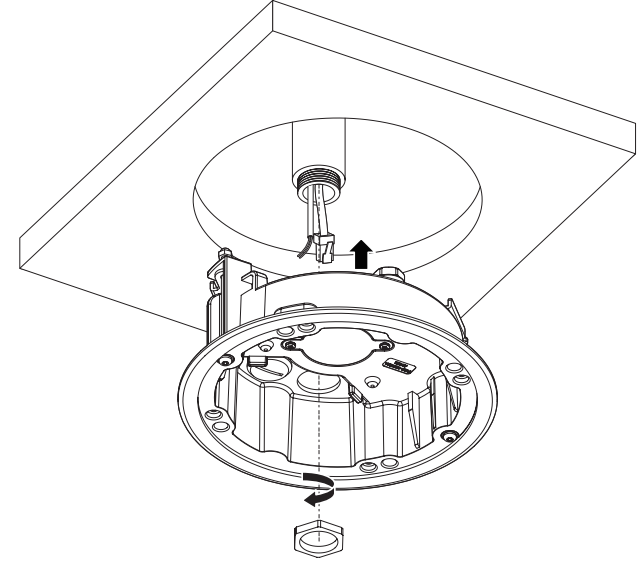


[Boru kullanımı]

4-1. Boruyu bir tertibat deliğine takın.



4-2. Borunun içinden LAN/güç/ses ve alarm kabloları arasındaki gerekli kabloları çekerek çıkarın.

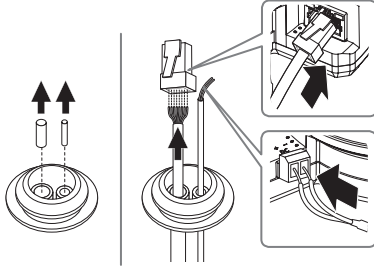


Takma işlemi (kamera kasası)

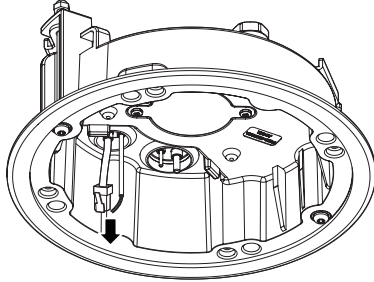
- Bağlanmak için, LAN kablosu ile uyumlu bir kablo burcu kullanın.
 - Bileşenler: çapı Ø5 ila 8,5 olan bir kablo kullanın

[LAN/güç kablolarının takılması]

- 1-1. Kullanılacak olan burcun dışarı çıkmış parçalarını çekerek koparın.
- 1-2. LAN kablosunu burcun büyük deliğinden geçirin ve LAN konektörüne bağlayın.
- 1-3. (Güç kullanılırken) Güç kablosunu burcun küçük deliğinden geçirin ve temin edilen terminal bloğuna bağlayın.



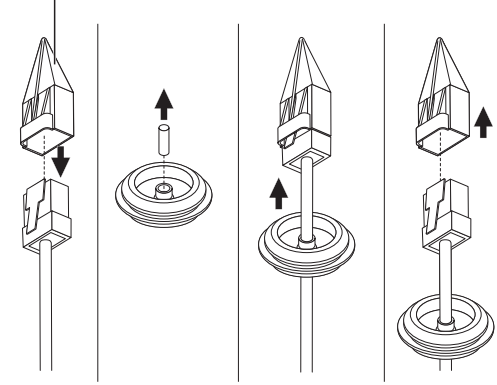
- 1-4. Burcu muhafazaya monte edin.



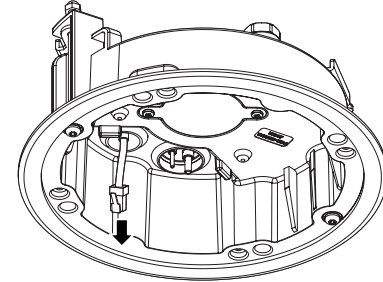
[LAN kablosunun takılması]

- 2-1. Temin edilen 1 delikli burcun dışarı çıkmış parçasını çekerek koparın.
- 2-2. RJ45 kablodan geçirmek için kapak montaj parçasını kullanın.

Kapak Montaj Parçası

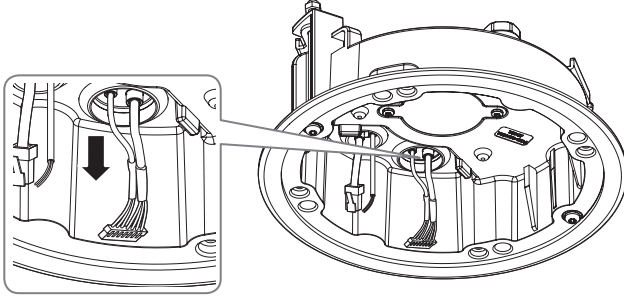


- 2-3. Burcu muhafazaya monte edin.



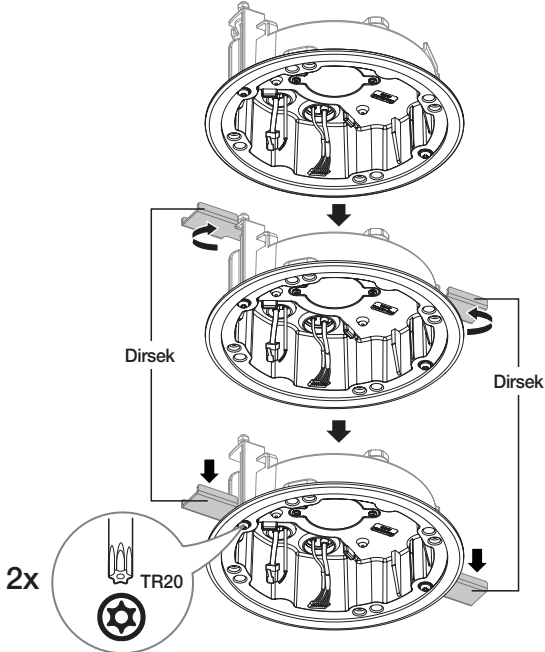
[Ses ve alarm kablolarının takılması]

3-1. Temin edilen ses ve alarm kablolarının burcunu kamera kasasına takın.



4. Muhafazayı tavana sabitlemek için, muhafazadaki vidaları çevirin.

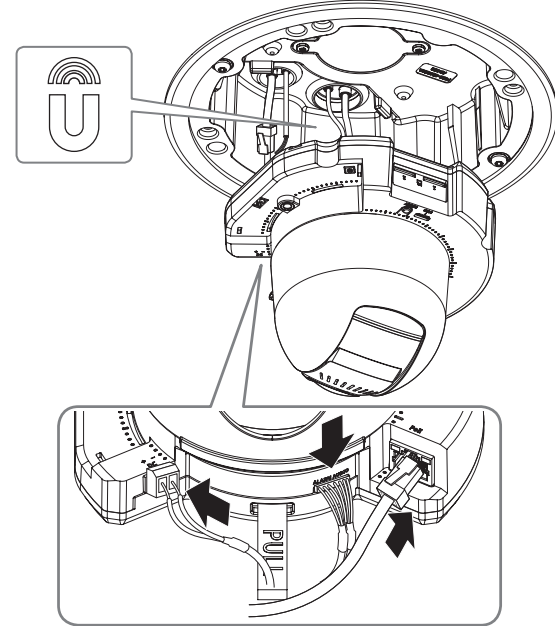
- Dirsek muhafazayı tavana sabitleyecektir.
- Muhafazanın tavana sıkıca sabitlendiğinden emin olun.



Kamera modülünün takılması

1. LAN/güç/ses ve alarm kablolarını kamera modülü terminaline bağlayın.
2. Kamera modülünü kasaya takın.

- Modülün altında gömülü bir mıknatıs bulunmaktadır.
- Montaj yüzeyleri arasında yabancı cisimlerin bulunmamasına dikkat edin.

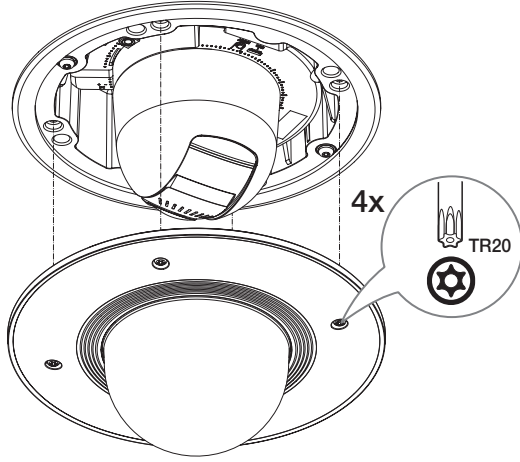


3. "Kameranın izleme yönünün ayarlanması" bölümüne bakarak lensi istenen yöne ayarlayın. (sayfa 33)

Dom kapağının montajı

1. Dom kapağını monte edin.

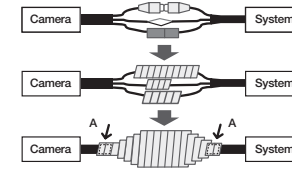
- Su hasarı sorunu çıkmaması için, sabitleme civatalarını iyice sıkıştırdığınızdan emin olun.



Dış mekan montajı

Cihazı binanın dışına monte ettiğinizde, lütfen butil plastik bantla (mağazalardan alınabilir) su yalıtımı sağlayın, böylece dışarıya bağlanan kablo açıklığından sıvı sızıntısı olmaz.

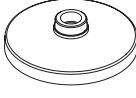
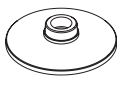
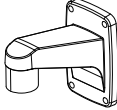
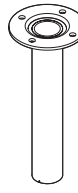
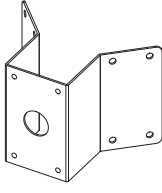
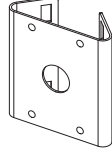
1. Güç, G/Ç ve LAN kablolarını bağlayın.
2. Siyah kablo kaplamasını (Alan A) ve kablo bağlantı alanını butil plastik bandın yansından fazlası üst üste gelecek şekilde su geçirmez (butil plastik) bantla sarın.

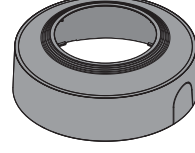
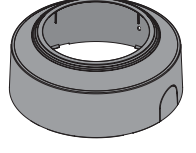
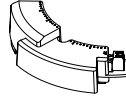


- Kablo kaplamasının su geçirmezliği düzgün sağlanmadığında bu durum doğrudan sızıntıya neden olabilir. Kabloyu yoğun bir bant katmanıyla koruduğunuzdan emin olun.
- Su geçirmez butil bant, normal uzunluğunun iki katına kadar esnetilebilen butil plastikten yapılmıştır.

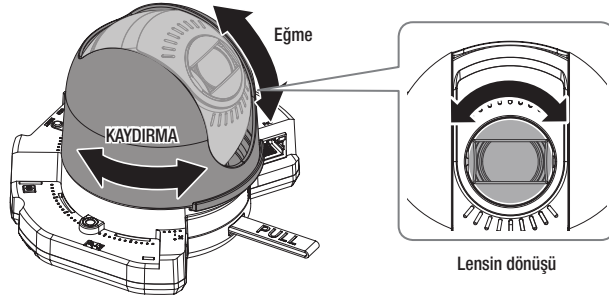
KURULUM İÇİN İSTEĞE BAĞLI AKSESUARLAR

Mevcut isteğe bağlı aksesuarları satın alabilirsiniz.

	Montaj askısı	Montaj askısı
Model Adı	SBP-187HMW	SBP-167HMW
		
Uyumlu model	XNV-6081Z/8081Z	XND-6081VZ/8081VZ
	Duvara montaj	Tavana montaj
Model Adı	SBP-300WMW1	SBP-300CMW
		
Uyumlu model	SBP-180HMW/160HMW	SBP-180HMW/160HMW
	Köşeye montaj	Direğe montaj
Model Adı	SBP-300KMW	SBP-300PMW
		
Uyumlu model	SBP-300WMW1	SBP-300WMW1

	Üst kaplama	Üst kaplama
Model Adı	SBC-180B (Siyah)	SBC-160B (Siyah)
		
Uyumlu model	XNV-6081Z/8081Z	XND-6081VZ/8081VZ
	AC 24 V güç modülü	
Model Adı	SPC-100AC	
		
Uyumlu model	XNV-6081Z/8081Z	

Kameranın izleme yönünün ayarlanması



■ İzleme yönünün ayarlanması

Kamera yönünü sadece kamera tavanda sabitken ayarlayabilirsiniz.

Bu anda, kameranın ana gövdesini sola veya sağa doğru döndürmeye KAYDIRMA ve kameranın açısını ayarlamaya da EĞME denir.

- Etkili pan aralığı toplam ± 175 derecedir.
- Dönüş açılarının toplamı maksimum $\pm 175^\circ$ dir.
- Etkili eğim aralığı toplam 85 derecedir.



- 75° veya daha fazla dikey hareket açısında, yakınlaştırma büyütme oranına bağlı olarak ekranın bazı kısımlarında görüntü engellenebilir veya bulanık bir görüntü ortaya çıkabilir.
- Odaklama/yakınlaştırma lensini zorlayarak döndürmeyin veya bastırmayın. Aksi takdirde, motor arızası nedeniyle odaklama düzgün çalışmayabilir.

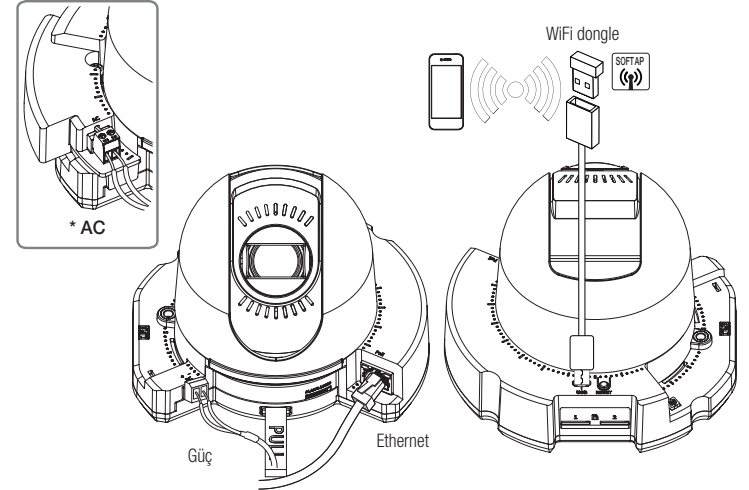
■ Ayarlama yöntemleri

1. İzlenecek yönü dikkate alarak kaydırma açısını ayarlayın.
2. Yatay açıyı, videonun döndürülürken çevrilmeyeceği şekilde ayarlayın.
3. İzlenecek yöne doğru dikey hareket açısını ayarlayın.



- Ayarlamayı doğrudan elle yapmayın. İzlenecek yönü ayarlamak için web görüntüleyiciye erişin.

DiĞER CİHAZLARLA BAĞLANTI



- Kolay kurulum için üründe Micro USB çıkış terminali bulunur ve izleme amacı için önerilmez.

Ethernet Bağlantısı

Ethernet kablosunu yerel ağa veya İnternete bağlayın.

WiFi Bağlantısı

Kamera Ayarı

1. OTG adaptörünü (5 pimli) ve WiFi dongle'ini 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. Kamera oturum açtığınızda görüntü bağlantısı kurulur.
 - 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 Kaynağı

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



- PoE ve DC 12 V güç kaynakları aynı anda açılırsa, cihazın gücü hem PoE hem de DC 12 V tarafından tedarik edilecektir.
 - Video kamera güç beslemesi sağlamak için PoE özelliğine sahip bir yönlendirici de kullanabilirsiniz.
 - IEEE 802.3af protokolü ile uyumlu bir PoE kullanın.
- Güç kablosunu bağlarken kutupları ters çevirmemeye dikkat edin.
- AC gücü, bir AC modülü (SPC-100AC) satın alındıktan sonra kullanılabilir.
 - Modeller: XNV-6081Z/XNV-8081Z
 - PoE ve AC 24 V güç kaynakları aynı anda açılırsa, harici güç kaynağı (AC 24 V) kullanılacaktır.
 - AC 24 V kutupsuz şekilde bağlanabilir.
- Harici bir cihaz bağlamak isterseniz, devam etmeden önce harici cihazı kapamanız gerekir.
- Önce seti ve adaptör güç hattını bağlayın ve ardından güç kablosunu duvardaki prize takın.

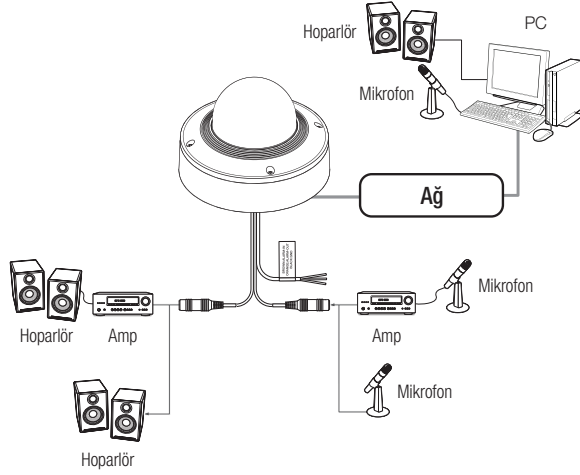
Her Bir Model için Güç Kablosu Özellikleri

Model	Giriş gücü	Kablo Tipi (AWG)	Kablo Uzunluğu (Maks.)
XND-6081FZ/VZ XND-8081FZ/VZ	DC 12V	#18	27m
		#20	17m
XNV-6081Z/ XNV-8081Z	DC 12V	#18	24m
		#20	15m
	AC 24V	#18	40m
		#20	28m

Ağ Kablosu Özellikleri

Öge	İçindekiler	İşaret
Konektör	RJ45 (10/100BASE-T)	
Ethernet	10/100BASE-T	
Kablo	UTP Kategori 5e	
Maks Mesafe	100M	
PoE Desteği	IEEE 802.3af	

Ses Giriş/Çıkış Bağlamak



1. Kameranın AUDIO IN bağlantı noktasını mikrofona veya mikrofonun bağlı olduğu amplifikatörün LINE OUT bağlantı noktasına bağlayın.

■ Kameranın dahili mikrofonunu, harici mikrofon bağlantısı olmadan kullanabilirsiniz (sadece XND-6081VZ/XND-8081VZ için geçerlidir).

2. Kameranın AUDIO OUT bağlantı noktasını hoparlöre veya hoparlörün bağlı olduğu amplifikatörün LINE IN bağlantı noktasına bağlayın.

3. Ses girişi için teknik özellikleri kontrol edin.

• Ses Kodeği

- Ses Girişi : G.711 PCM (Bit Hızı: 64kbps / Örnekleme Frekansı: 8kHz), G.726 ADPCM (Bit Hızı: 16Kbps, 24Kbps, 32Kbps, 40Kbps / Örnekleme Frekansı: 8kHz), AAC (Bit Hızı: 48Kbps / Örnekleme Frekansı: 16kHz)
- Ses Çıkışı : G.711 PCM (Bit Hızı: 64kbps / Örnekleme Frekansı: 8kHz)

• Tam ÇiftYönlü Ses

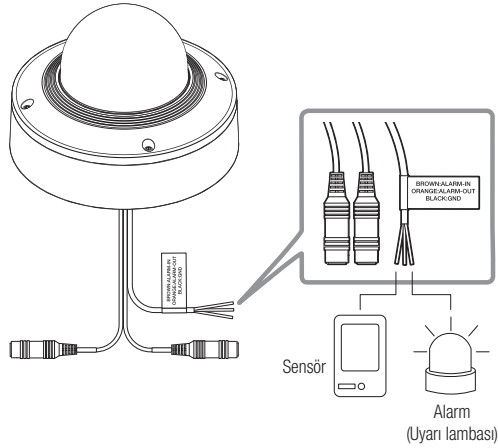
- **Audio in (XND-6081VZ/XND-8081VZ)** : Seçilebilir (mikrofon/Hat girişi/Tümleşik), Desteklenen voltaj: 2.5VDC (4 mA), Giriş impedansı: 2K Ohm
- **Audio in (XND-6081FZ/XND-8081FZ/XNV-6081Z/XNV-8081Z)** : Seçilebilir (mikrofon/Hat girişi), Desteklenen voltaj: 2.5VDC (4 mA), Giriş impedansı: 2K Ohm
- **Audio out** : Çıkış hattı (3.5mm mono jak), Maksimum çıkış: 1Vrms
- **Çıkış hattı öz direnci** : 600ohm



- Web görüntüleyiciye erişecekseniz ve <Video ve Ses> - <Ses ayarları> seçeneğinde ses giriş kaynağı olarak harici bir mikrofon seçecekseniz, aşağıdaki teknik özellikler önerilir:
 - Frekans aralığı: 40-16.000 Hz
 - Empedans: 1.500 Ω
 - Hassasiyet: -40 ± 3 dB (7,1-14,1 mV)
- Aşağıdaki durumlardan herhangi birinde, ses sınıflandırma performansı düşebilir veya bozulabilir:
 - Tek seferlik ateşli silah sesi yerine kısa bir zaman aralığında sürekli olarak ateşli silah sesleri duyulursa (örn. makineli tüfek sesi)
 - Gürültü, gürültü ve hedef sesin ayırt edilmesi için çok fazlaysa
 - Aynı anda iki veya daha fazla farklı ses kaydediliyorsa
 - Ses sınıflandırması, gürültü giderme işlevi sessiz bir yerde kullanılırken uygulanıyorsa
 - Alkış veya çığlık seslerinin kaynağı kameraya yakınsa (1 metre dahilinde)
 - Ses sınıflandırması kategorilerinden herhangi birine ait olmayan bir ses (uçak sesleri, siren sesleri vb.) aniden yüksek sesle duyulursa
 - Harici mikrofon önerilen teknik özellikleri karşılamıyorsa"

I/O bağlantı kutusuna bağlama

Alarm G/Ç kablосunu yuva kutusunun ilgili yuvasına bağlayın.



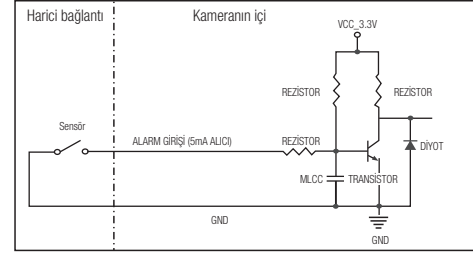
- ALARM-IN : Alarm giriş sensörünü bağlamak için kullanılır.
- ALARM-OUT : Alarm çıkış sinyalini bağlamak için kullanılır.
- GND : Alarm giriş/çıkış sinyali için ortak bağlantı noktası.

■ Gerilim ve akım özelliklerini aşan cihazlar (örn. Yanıp sönen ışık ve siren) açık kolektör yöntemi kullanılarak bağlanırsa, arızaya neden olabilir.
Voltaj ve akım özelliklerini aşan cihazları bağlarken "Alarm Çıkışı Kablo Şeması" bölümüne bakın. (sayfa 36)

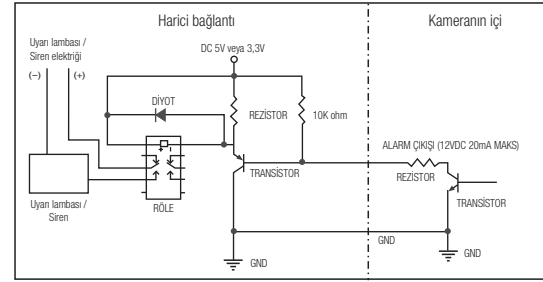
Harici sensörü bağlamak için

Her bir sinyal hattının (2 telli) bir telini [ALARM IN] portuna, diğer telini ise [GND] portuna bağlayın.

Alarm Giriş Kablo Şeması



Alarm Çıkış Kablo Şeması

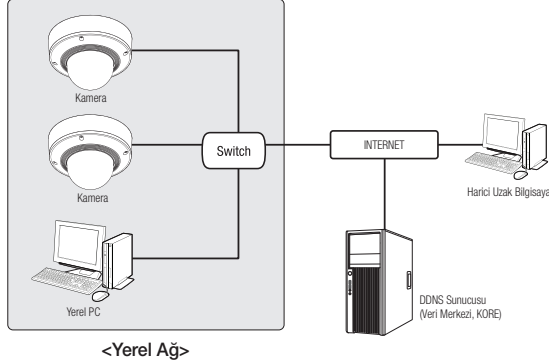


Ağ ayarlarınızı ağ yapılandırmanıza göre ayarlayabilirsiniz.

KAMERAYI DOĞRUDAN YEREL ALAN AĞINA BAĞLAMAK

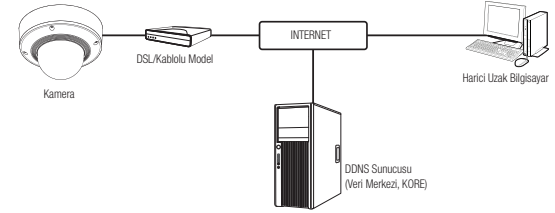
Kameraya Lan Üzerinde Yerel Bir Pc'den Bağlanmak

1. Yerel Pc'de Bir İnternet Tarayıcı Çalıştırın.
2. Tarayıcının Adres Çubuğuna Kameranın İp Adresini Girin.



- Eğer Port Yönlendirme Doğru Ayarlanmamışsa Ya Da Bir Güvenlik Duvar Ayarlıysa, Lan Ağı Dışından Harici Bir Pc İnternet Üzerinden Kamera'ya Bağlanamayabilir. Bu Durumda, Sorunu Çözmek İçin, Ağ Yöneticisi İle Temas Kurun.
- Device Manager'da, İP Adresi, Alt Ağ Maskesi, Ağ Geçidi, HTTP Portu, VNP Portu, İP türü ayarlarını yapmak için ilk parola olan "4321"i kullanabilirsiniz. Ağ arabirimini değiştirdikten sonra, güvenliğin daha iyi olmasını sağlamak için web viewer'a erişip şifreyi değiştirin.
- İP adresi fabrika ayarlarına göre otomatik olarak DHCP sunucusundan atanır. Kullanılabilen DHCP sunucusu yoksa, İP adresi 192.168.1.100 olarak ayarlanır. İP adresini değiştirmek için Device Manager'ı kullanın. Device Manager'ın kullanımı hakkında daha fazla bilgi için, "Device Manager'ı Kullanma" kısmına bakın. (Sayfa 38)

KAMERANIN DOĞRUDAN BİR DHCP TABANLI DSL/KABLOLU MODEME BAĞLANMASI



1. Kullanıcı bilgisayarı doğrudan ağ kamerasıyla bağlayın.
2. Device Manager'ı çalıştırın ve İnternet'e bağlanmak için masaüstünüzdeki web tarayıcısını kullanabilmek amacıyla kameranın İP adresini değiştirin.
3. İnternet tarayıcısını kullanarak web görüntüleyiciye bağlanın.
4. [Ayarlar] sayfasına gidin.
5. [Ağ] – [DDNS] sayfasına gidin ve DDNS ayarlarını yapılandırın.
6. [Basic] – [İP & Bağlantı Noktası] ögesine gidin ve İP 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.
- İP biçimi ayarlama hakkında bilgi için, Web Viewer'ın çevrimiçi yardım bölümüne bakın.

DEVICE MANAGER'I KULLANMA

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

KAMERAYI OTOMATİK OLARAK ARAMA

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

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

IP ADRESİNİ YAPILANDIRMA

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

Statik IP'yi yapılandırma

IP adresi ve port bilgilerini manuel olarak ekleyin ve yapılandırın.

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

Bir Geniş Bant yönlendirici kullanılmıyorsa

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

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

Bir Geniş Bant yönlendirici kullanılıyorsa

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

- Ayarlar, bağlı Geniş Bant yönlendiricisinin modeline göre farklılık gösterebilir. Daha ayrıntılı bilgi için, geçerli yönlendiricinin kullanım kılavuzuna bakın.
- Geniş bant yönlendiricinin bağlantı noktası iletimi hakkında daha fazla bilgi için bkz. "Bağlantı Noktası Aralığı Aktarım (Bağlantı Noktası Eşleme) Ayarı". (sayfa 40)

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://192.168.1.100:8080>

5. [Uygula] Düğmesine tıklayın.

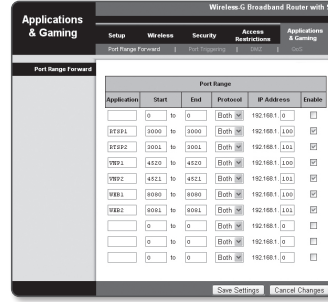
6. Başarılı mesajı görüntülenirse, [Tamam] seçeneğine tıklayın.

BAĞLANTI NOKTASI ARALIĞI AKTARIM (BAĞLANTI NOKTASI EŞLEME) AYARI

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

Manuel Bağlantı Noktası Aralığı Aktarımı

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

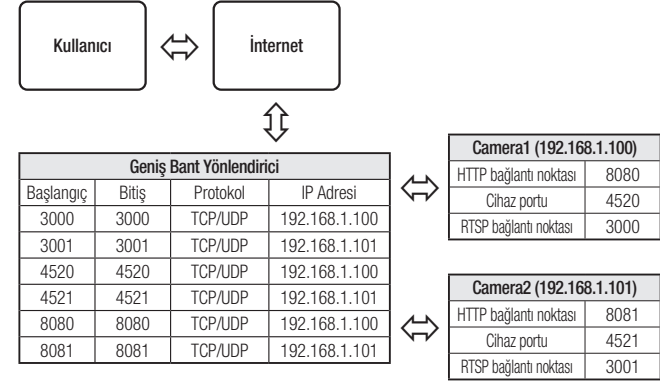


- Port yönlendirme ayarı, CISCO IP yönlendirici ayarına bir örnektir.
- Ayarlar, bağlı Geniş Bant yönlendiricisinin modeline göre farklılık gösterebilir.
Daha ayrıntılı bilgi için, geçerli yönlendiricinin kullanım kılavuzuna bakın.

Faklı Ağ Kameraları için Bağlantı Noktası Aralığı Aktarım Ayarı

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

Kamera 1 ve Kamera 2 bir yönlendiriciye bağlandığında :



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

KAMERAYA PAYLAŞILAN BİR YEREL BILGISAYARDAN BAĞLANMA

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



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

KAMERAYA İNTERNET ARACILIĞIYLA UZAK BİR BILGISAYARDAN BAĞLANMA

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

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

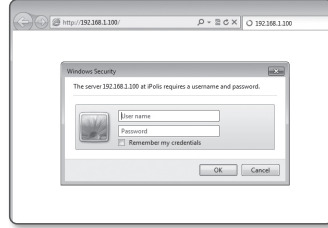


■ DDNS kullanmak için, DDNS ana sayfasında (<http://ddns.hanwha-security.com>) kaydolun ve ürünü **[DDNS Ayarlarını]>[Ürün Kaydı]** seçeneği altında kaydedin.

KAMERAYA BAĞLAMA

Normal koşullar altında aşağıdakileri yapmanız gerekir

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



HTTP bağlantı noktası 80 dışında bir değer ise

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

URL adresinin kullanılması

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



■ Yalnızca LAN ortamında ağ bağlantısı devre dışı bırakılır.

UPnP üzerinden bağlanma

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

Bonjour üzerinden Bağlanma

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

DDNS adresinin kontrol edilmesi

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

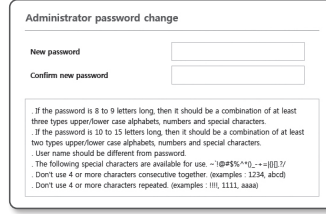
DDNS sunucusuyla dinamik IP bazlı bir aygıt kaydettiğinizde aygıt erişmeye çalıştığınızda değişen IP'yi kolayca kontrol edebilirsiniz.

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

ŞİFRE AYARI

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

- 8 ile 9 haneli yeni bir şifrede, şunlardan en az üçünü kullanmanız gerekir: büyük/küçük harfler, sayılar ve özel karakterler. 10 ile 15 haneli bir şifrede, yukarıda belirtilen türlerden en az ikisini kullanmanız gerekir.
 - İzin verilen özel karakterler: ~!@#\$%^&*()_-=+[]{}?/
- Daha üst seviyede güvenlik için şifrelerinizde aynı karakterlerin veya ardışık klavye girişlerinin tekrarlanması önerilir.
- Şifrenizi 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.

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



Windows Security

The server 192.168.1.100 at iPolis requires a username and password.

User name

Password

☐ Remember my credentials

OK Cancel

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

KAMERA WEB GÖRÜNTÜLEYİCİSİ KURULUMU

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

SORUN GİDERME

SORUN	ÇÖZÜM
Bir Windows 10 kullanıcısı Chrome veya Firefox aracılığıyla web görüntüleyiciye eriştiğinde, mikrofonun ses düzeyi periyodik olarak değişir.	Mikrofon sürücüsü Realtek sürücüsüne ayarlandığında ne olur. Mikrofon sürücüsü olarak Yüksek Çözünürlüklü Ses aygıtını (Windows Varsayılan Sürücü) veya üçüncü taraf sürücüyü yükleyin.
Bir olay sırasında ses oynatmak için gerekli WAVE dosyalarının teknik özellikleri nelerdir?	48.000 KHz veya daha düşük örnekleme hızı önerilir. - Örnek başına bit sayısı (bps) için, en fazla 8/16 bit önerilir. - Sadece PCM kodlama biçimi desteklenmektedir.
Safari tarayıcıda eklentisiz web görüntüleyiciye HTTPS aracılığıyla erişildiğinde hiçbir video görüntülenmez.	- HTTPS'e ilk olarak erişildiğinde, görüntülenen kimlik doğrulama açılır penceresinde, "Kimlik Doğrulama Sertifikasını Görüntüle" seçeneğine ve "Belirlenen webviewer IP adresine bağlanırken daima güven" seçim kutusuna tıklayın. - Aşağıdaki mesaj penceresinde "İleri" seçeneğini seçtikten sonra web görüntüleyici halen video görüntülememeye devam ederse, Safari tarayıcıdan çıkmak için komut tuşu + Q tuşuna basın, sayfaya yeniden erişin ve yukarıda belirtilen işlemleri uygulayın.
Kameraya ağ tarayıcısından erişemiyorum.	- Kameranın Ağ ayarlarının uygun olduğuna emin olmak için kontrol edin. - Bütün ağ kablolarının düzgün olarak bağlandığına emin olmak için kontrol edin. - Eğer DHCP ile bağlanılmışsa, kameranın problemsiz olarak dinamik IP adresi alabildiğini kontrol edin. - Eğer kamera bir Geniş Bant yönlendiriciye bağlıysa, port yönlendirmenin doğru yapıldırıldığını kontrol edin.
İzleme sırasında İzleyici bağlantısı kopuyor.	- Bağlı İzleyicilerin bağlantısı, kamerada ya da ağ yapılandırmasında yapılan değişikliklerle kopar. - Bütün ağ bağlantılarını kontrol edin. - 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.

SORUN	ÇÖZÜM
Görüntü belirmiyor.	Eğer iletim yöntemi multicast olarak ayarlanmışsa, kameranın bağlandığı LAN üzerinde multicast destekleyen yönlendirici olup olmadığını kontrol edin.
Ses girişi ayarları yapılandırılmış olsa bile ses kaydedilmez.	<Basic> - <Video Profili> bölümündeki <Ses Girişi> onay kutusunu işaretlemeniz gerekir.
<Analiz> ögesinde <Hareket Algılama> seçeneği <Etkinleştirin> olarak ayarlandı ancak bir analiz olay meydana geldiğinde bile bana e-posta bildirimi ulaşmıyor.	- Ayarları şu sırayla doğrulayın: <Tarih ve Saat> ayarlarını kontrol edin. <Hareket Algılama> ögesi <Etkinleştir> seçeneğine ayarlanmalıdır. <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.
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 <Ayarları> → <Olay> → <Depolama> menüsünde bellek kartını tekrar biçimlendirin.
NAS'a kaydedilemiyor.	NAS'a kaydedilen bilginin doğru olduğunu doğrulayın.
NAS ayarının başarısız olduğu bildiriliyor.	- NAS IP adresinin geçerli olduğunu doğrulayın. - NAS kimlik/şifre bilgilerinin geçerli olduğunu doğrulayın. - NAS kimliğini kullanarak temel klasör olarak atanan klasöre erişebildiğinizi doğrulayın. - NAS SMB/CIFS öğelerinin işaretli olmadığını doğrulayın. - NAS IP adresi ile kamera IP adresi biçiminin aynı olduğunu doğrulayın. Örn.) NAS ve kamera alt ağ maskesi varsayılan değeri 255.255.255.0'dır. IP adresi 192.168.20.32 olduğunda NAS IP adresinin 192.168.20.1~192.168.20.255 aralığında olması gerekir. - Kaydedilen veya kullanılan temel klasörü biçimlendirmeden başka bir kullanıcı olarak erişim sağlamaya çalışarak kontrol edin. - Önerilen NAS ekipmanını kullandığınızı doğrulayın.

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ethtool-4.2	GPL 2.0	
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The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://www.ietf.org/rfc/rfc1950.txt> (zlib format), [rfc1951.txt](http://www.ietf.org/rfc/rfc1951.txt) (deflate format) and [rfc1952.txt](http://www.ietf.org/rfc/rfc1952.txt) (gzip format).



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



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

(Aynı toplama sistemlerine sahip Avrupa Birliği ülkeleri ve diğer Avrupa ülkelerinde geçerlidir)

Ürün, aksesuarlar veya literatürde yer alan bu işaret, ürünün ve elektronik aksesuarlarının (örn. şarj cihazı, kulaklık, USB kablosu), kullanım ömürlerinin sonunda diğer ev atıklarıyla birlikte atılması gerektiğini belirtir. Kontrolsüz atık atılması nedeniyle çevrenin veya insan sağlığının zarar görmesini önlemek için lütfen bu öğeleri diğer atık türlerinden ayırın ve malzeme kaynaklarının sürdürülebilir bir şekilde yeniden kullanılmasını sağlamak için uygun bir şekilde geri dönüşümünü sağlayın.

Ev kullanıcıları, çevreye zarar vermeden bu öğelerin nasıl ve nerede geri dönüşümünü sağlayabileceklerini öğrenmek için ürünü aldıkları perakendecilere veya yerel devlet daireesine başvurmalarıdır. Ticari kullanıcılar tedarikçileriyle temas kurup satın alma sözleşmesinin koşullarını ve şartlarını kontrol etmelidir. Bu ürün ve elektronik aksesuarları atma işlemi için diğer ticari atıklarla karıştırılmamalıdır.



Bu üründe bulunan pillerin doğru şekilde atılması

(Avrupa Birliği'nde ve aynı pil dönüşüm sistemlerine sahip diğer Avrupa ülkelerinde geçerlidir.)

Pil, kullanma kılavuzu veya ambalajın üzerinde yer alan bu işaret, bu üründe bulunan pillerin çalışma ömürlerini doldurdıklarında diğer evsel atıklarla birlikte atılmaması gerektiğini belirtmektedir. İşaretlenmiş olduklarında, Hg, Cd veya Pb kimyasal sembollerinin pilin 2006/66 EC Direktifinde belirtilen referans seviyelerinin üzerinde cıva, kadmiyum veya kurşun içerdiğini belirtir. Pillerin uygun şekilde atılmaması halinde, bu maddeler insan sağlığına veya çevreye zarar verebilir. Doğal kaynakları korumak ve malzemelerin yeniden kullanılmasını desteklemek için, lütfen pilleri diğer atık türlerinden ayırın ve yerel, ücretsiz pil dönüşüm sisteminin aracılığıyla geri dönüştürün.



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