

TERMAL KONUMLANDIRMA KAMERASI

Kullanım Kılavuzu

TNU-4041T

TNU-4051T

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Telif hakkı

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Ticari marka

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

Kısıtlama

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

Sorumluluk Reddi

Hanwha Vision bu belgedeki içeriklerin bütünlüğünü ve doğruluğunu sağlamak için mümkün olan tüm çabayı göstermekle birlikte resmi bir garanti verilmemektedir. Bu belgenin kullanımı ve bundan kaynaklanan tüm sonuçların sorumluluğu tamamen kullanıcıya aittir.

Hanwha Vision bu belgenin içeriklerini önceden bildirim yapmadan değiştirme hakkını saklı tutar.

❖ Tasarım ve spesifikasyonlar önceden bildirim yapılmadan değiştirilebilir.

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

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

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

ÖNEMLİ GÜVENLİK YÖNERGELERİ

1. Bu yönergeleri okuyun.
2. Bu yönergeleri saklayın.
3. Uyarıları dikkate alın.
4. Yönergeyi takip edin.
5. Bu cihazı suyun yakınında kullanmayın.
6. Ürün yüzeyinde kirlenen alanı, yumuşak kuru veya nemli bir bezle silin.
(Ürünün şeklini bozabilecek veya hasar verebilecek, alkol, solventler veya surfaktanlar içeren deterjan veya kozmetik ürünler kullanmayın)
7. Havalandırma deliklerini kapatmayın. Üreticinin talimatlarına göre kurun.
8. Radyatör, ısı aygıtları gibi ısı kaynaklarının veya (amplifikatörler dahil) ısı üreten diğer cihazların yayına koymayın.
9. Güvenlik amaçlı polarize veya topraklamalı tip fişi bozmayın.
Polarize fiş, biri diğerinden daha geniş iki ağıza sahiptir. Topraklama tipi fiş iki ağıza ve üç topraklama dişine sahiptir. Geniş ağız veya üçüncü diş güvenliğinizi için sağlamıştır.
Verilen fiş prizinize uymuyorsa tam uyan bir prizle değiştirmek için elektrikçiyle görüşün.
10. Özellikle fişlerde, priz yuvalarında ve üründen çıkan uçlarda sıkışan veya yürüyüş yolu üzerinde olan güç kablolarını koruyun.
11. Yalnızca üretici tarafından belirtilen ekleri/ aksesuarları kullanın.
12. Yalnızca üretici tarafından belirtilen veya cihazla birlikte satılan tekerlekli taşıma sehpa, kamera ayağı, üç ayaklı sehpa, dirsek veya masa kullanın. Tekerlekli taşıma sehpa kullanıldığında, devrilmeden kaynaklanabilecek yaralanmalardan kaçınmak için sehpa/cihaz kombinasyonunu dikkatli taşıyın.
13. Fırtına sırasında veya uzun süre kullanılmadan bırakıldığında bu cihazı prizden çıkartın.
14. Bütün servis işlemlerini yetkili servis personeline bildirin. Güç kaynağı kordonu veya fişin zarar görmesi, sıvının dökülmesi veya cihazın içine nesne düşmesi, cihazın yağmura veya neme maruz kalması, normal çalışmaması veya düşmesi gibi herhangi bir şekilde cihaz hasar gördüğünde servis gereklidir.
15. Bu ürün, gücünü, "Sınıf 2" veya "LPS" işaretli ve 24 V AC (50 veya 60 Hz) min. 6 A dereceli bir Listelenmiş Güç Kaynağı Ünitesinden alacak şekilde tasarlanmıştır.
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.

DİKKAT

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

GRAFİK SEMBOLLERİNİN AÇIKLAMASI



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



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

Sınıf I yapısı

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

Pil

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

CIHAZIN BAĞLANTISINI KESME

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

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

DİKKAT

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

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

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

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

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.
- Kameraları 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 : Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12
- Webviewer
Önerilen tarayıcı: Google Chrome 63
Desteklenen tarayıcılar: IE11, MS Edge 41, Mozilla Firefox 57 (sadece Windows 64 bit),
Apple Safari 11 (sadece Mac OS X)

ÖNERİLEN MICRO SD/SDHC/SDXC HAFIZA KARTI ÖZELİKLERİ

- Recommended capacity : 16GB to 256GB (MLC type)
- The following types of memory cards from the following manufacturers are recommended for this camera.
 - Manufacturer : SanDisk, Transcend
 - Product family : High endurance

NAS İÇİN ÖNERİLEN TEKNİK ÖZELLİKLER

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

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

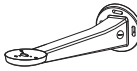


- NAS ekipmanını video kaydetmek dışında bir amaçla kullanıyorsanız, erişilebilir kamera sayısı düşürülebilir.

DAHİL OLANLAR

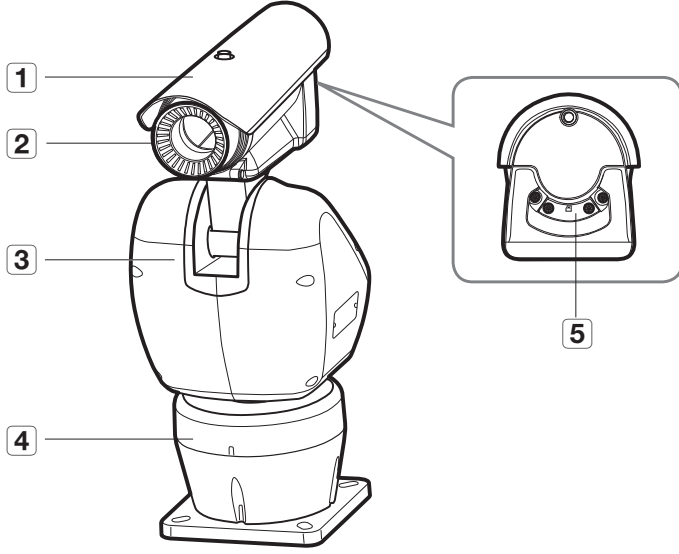
Kameranızın ve aksesuarlarınızın ürün ambalajında bulunup bulunmadığını lütfen kontrol edin.
(Satış yapılan her ülkede aksesuar aynı değildir.)

Görünüm	Öge Adı	Adet	Açıklama
	Kamera gövdesi	1	-
	Hızlı Kullanma Kılavuzu (İsteğe bağlı)	1	-
	Garanti kartı (İsteğe bağlı)	1	-
	Güneşlik	1	Kamerayı direkt güneş ışığından korur.
	Güneşlik Tutacağı	1	Güneşliği kameraya sabitler.
	Yıldız anahtar	1	Bellek yuvası kapağını takmak için
	RJ45 su geçirmezlik aksesuarı	1	Nemli yerlerde kurulum yapmak için kullanılır

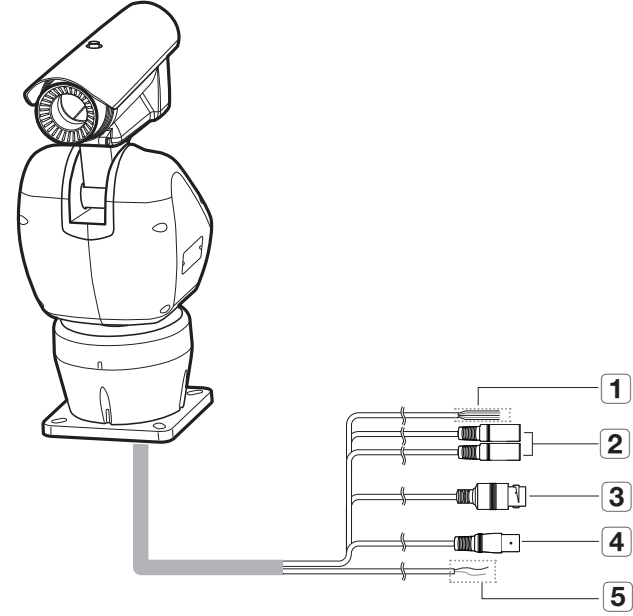
Görünüm	Öge Adı	Adet	Açıklama
Duvara Monte Braketi (dahil değildir)			
	Duvara Monte Braketi	1	Kamerayı duvara monte ederken kullanılır
	Anahtar cıvataları(M5 X 20) / yassı pullar	3/3	Ana gövdeyi ve braketi bağlamak içindir
	cıvata(M3 X 8)	8	kablolamayı bağlamak için
	O-halka	1	Ana gövdeyi ve braketi bağlamak içindir

İLK BAKIŞ

Görünüm



kablolar



Madde	
1	Güneşlik
2	Kamera
3	Ana gövde
4	Taban mahfazası
5	Micro SD kart yuvası

Madde	Açıklama
1 Alarm kablosu	Alarma I/O kablosu. (Siyah/Kahverengi/Kırmızı/Sarı/Turuncu)
2 Ses kablosu	Ses I/O kablosu.
3 Ethernet	Ethernet kablosunu bağlar.
4 Video çıkış kablosu	Video görüntüsünü aktarır.
5 Güç kablosu	Kamera gücü için kablolar. (Kahverengi/Mavi)

KURULUM

Kurulumdan Önce Alınması Gereken Önlemler

Kamerayı kurmadan önce aşağıdaki talimatları mutlaka okuyun:

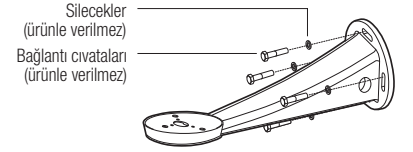
- Sistemi aşağıdaki talimatlara göre kurun. Farklı bir yöntem kullanarak kurmak isterseniz, öncesinde üreticiden talep ederek, emniyet önerilerini doğrulamanız gerekir.
- Sistemin brüt ağırlığı 11,7 kg'dır. Kaymayan eldiven giyilmelidir. Cihazınızı kaldırırken kamera kısmından değil, gövde kısmından tutun.
- Montaj braketi de dahil olmak üzere kameranın ağırlığının 4 katı ağırlığa dayanabilecek bir alana (tavan veya duvar) monte edilmelidir.
- Sıkıştırılmış veya soyulmuş kablolar hasara neden olabilir veya yangın çıkarabilir.
- Güvenlik açısından, kurulum alanında kimsenin bulunmamasını sağlayın. Her ihtimale karşı özel eşyalarınızı kurulum alanından uzak tutun.

Kurulum için İsteğe Bağlı Aksesuarlar

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

■ Braket kullanarak duvara montaj

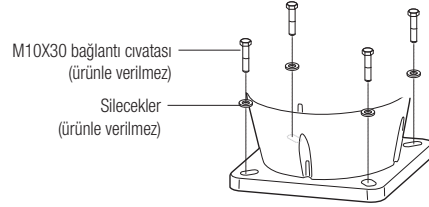
1. 4 bağlantı civatası kullanarak (ürünle birlikte verilen) kullanarak braketi yan tarafından duvara monte edin.



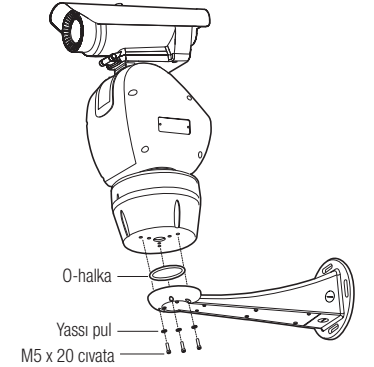
- Kamerayı betona kurmak için M10X30 bağlantı civatası veya daha üst modelinin kullanılmasını öneririz.
- Ekipmanın ağırlığının dört katına kadar dayanabilen vidalar kullanın.

Cihazı zemine kurar

1. Kaideyi zemine kurar.

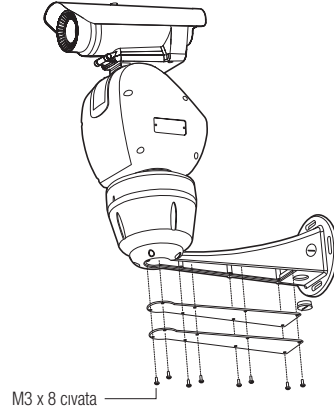


2. Ana gövde ve braketi 3 Anahtar civatasını kullanarak monte edin.



- Kamerayı betona kurmak için M10X30 bağlantı civatası veya daha üst modelinin kullanılmasını öneririz.
- Ekipmanın ağırlığının dört katına kadar dayanabilen vidalar kullanın.

3. Kabloları gösterildiği gibi düzenledikten sonra, kapağı birleştirin.



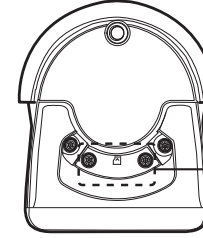
MİCRO SD BELLEK KARTININ TAKILMASI/ÇIKARILMASI



- Micro SD bellek kartını takmadan önce güç kablosunu kameradan çıkartın.
- Micro SD bellek kartını ters tutarak ve zorlayarak takmayın. Aksi takdirde Micro SD bellek kartı zarar görebilir.
- Micro SD kartın yağmur yağarken ya da nem yüksek olduğunda takılması veya çıkarılması önerilmez.

Mikro SD kart ek parça kapağını ayırma

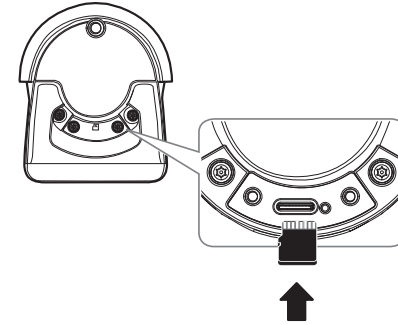
Mikro SD kart ek parça kapağını çıkarmak için yıldız anahtarı kullanın.



Mikro SD Kart Ek Parça Kapağı

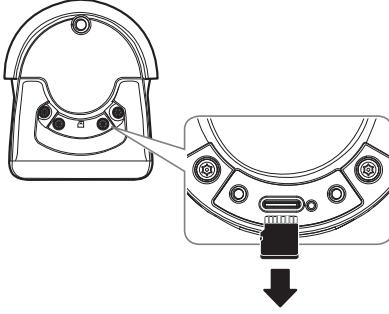
Micro SD Bellek Kartının Takılması

Micro SD kartı, şekilde gösterildiği gibi ok yönünde takın.



Micro SD Bellek Kartının Çıkarılması

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



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

HAFIZA KARTI BİLGİSİ (DAHİL DEĞİL)

Hafıza kartı nedir?

Hafıza kartı, dijital cihazlar kullanılırken video, ses ve metin verilerini kaydetmek ve paylaşmak için geliştirilmiş harici veri depolama cihazıdır.

Size uygun bir hafıza kartı seçmek

Kameranız Micro SD/SDHC/SDXC kartlarını destekler.

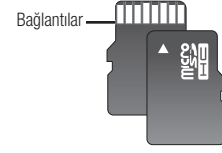
Ancak hafıza kartının markası ve modeline göre uyumluluk sorunlarını deneyebilir.

Bu kamera için aşağıdaki üreticilerin aşağıda belirtilen bellek kartı türleri önerilir.

- Üretici: SanDisk, Transcend
- Ürün ailesi: Yüksek dayanıklılık

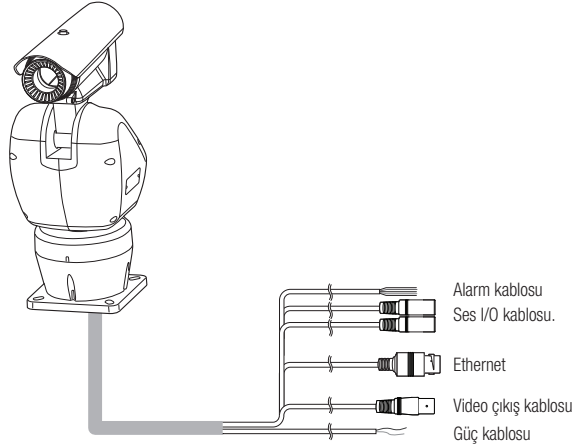
Bu kamerayla 16 GB ila 256 GB (MLC tipi) bellek kartlarının kullanılması önerilir.

Oynatma performansı, bellek kartının hızına bağlı olarak değişebilir.

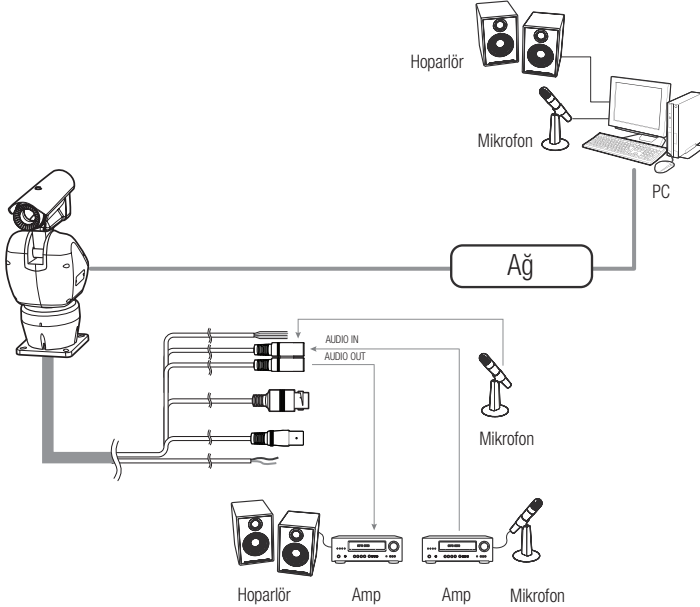


Micro SD/SDHC/SDXC

DiĞER CİHAZLARLA BAĞLANTI



Ses Giriş/Çıkışa Bağlamak



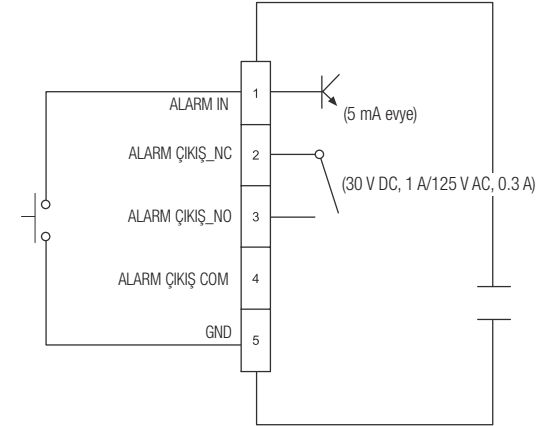
1. Kameranın AUDIO IN portunu doğrudan mikrofona bağlayın ya da mikrofona bağlı olduğu yükselticinin LINE OUT portuna bağlayın.

2. Kameranın AUDIO OUT portunu hoparlörün LINE IN portuna bağlayın.

3. Ses girişi için teknik özellikleri kontrol edin.

- **Ses Kodeğ** : G.711 PCM, μ -law 64kbps 8kHz örnekleme
- **Tam ÇiftYönlü Ses**
- **Audio in** : Mono sinyal hattı girişi için kullanılır (Maks.2.4 Vpp)
- **Audio out** : Mono sinyal hattı çıkışı için kullanılır (Maks.2.4 Vpp)
- **Çıkış hattı öz direnci** : 600ohm

Alarm I/O Kablo Bağlantı Şeması



Harici kabloların bağlanması

Aşağıdaki tabloya bakarak harici kabloları bağlayın.

- ! ■ Her bir terminal için alarm giriş/çıkış kablolarını birer birer bağlayın.

Basılı Etiketler	RENK	Açıklama	Uyarılar
ALARM_IN	Siyah	Harici alarm giriş sinyalini bağlamak için terminal	
GND	Kahverengi	Harici alarm giriş sinyali için ortak terminal (GND)	
ALARM ÇIKIŞ NO	Kırmızı	Röle çıkış sinyalini bağlamak için terminal (NO)	
ALARM ÇIKIŞ COM	Sarı	Röle çıkış sinyalini bağlamak için terminal (GND)	
ALARM ÇIKIŞ NC	Turuncu	Röle çıkış sinyalini bağlamak için terminal (NC)	

Ethernet Bağlantısı

Ethernet kablosunu yerel ağa veya İnternete bağlayın.

Güç Kaynağı

Elektrik güç adaptörünü, kameranın güç girişine takın.

Öge	RENK
Ana güç	KAHVERENGİ
	MAVİ

- ! ■ Güç kapalı iken AC 24 V güç kaynağı (polar olmayan) bağladığınızdan emin olun.

Ağ Kablosu Özellikleri

Öge	İçindekiler	İşaret
Konektör	RJ45	
Ethernet	10/100Base-T	10/100 Mbps
Kablo	UTP Kategorisi 5e	
Maks Mesafe	100M	

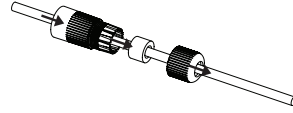
Güç kablosu Teknik Özellikleri

AC 24 V Girişi söz konusu olduğunda:

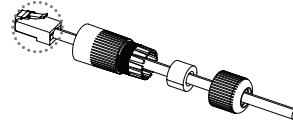
Kablo Tipi (AWG)	#16	#14
Kablo Uzunluğu (Maks.)	15 m	24 m

RJ45 su geçirmez kabloyu LAN kablosuna bağlama

1. Ok yönünde yerleştirin.

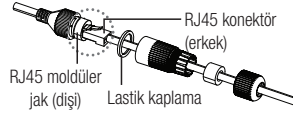


2. LAN konektörünü (erkek) kabloya bağlayın.

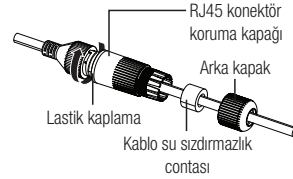


3. RJ45 modüler jakı (dişi) RJ45 konektöre (erkek) bağlayın.

! Lütfen parçaları birbirinden ayrı tutun.

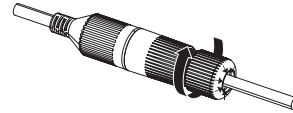


4. RJ45 modüler jakı (dişi) ve RJ45 koruma kapağını saat yönünde döndürerek monte edin (Oku izleyin).



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

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



Dış mekan montajı

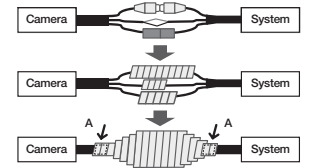
Cihazı binanın dışına monte ettiğinizde, lütfen butil plastik bantla (mağazalardan alınabilir) su yalıtımı sağlayın, böylece dışarıya bağlanan kablo açıklığından sıvı sızıntısı olmaz.

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

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



- Kablo kaplamasının su geçirmezliği düzgün sağlanmadığında bu durum doğrudan sızıntıya neden olabilir. Kabloyu yoğun bir bant katmanıyla koruduğunuzdan emin olun.
- Su geçirmez butil bant, normal uzunluğunun iki katına kadar esnetilebilen butil plastikten yapılmıştır.
- LAN konektör kablosu su geçirmez olduğundan, butil kauçuk bandı ayrı olarak sarmanıza gerek yoktur.



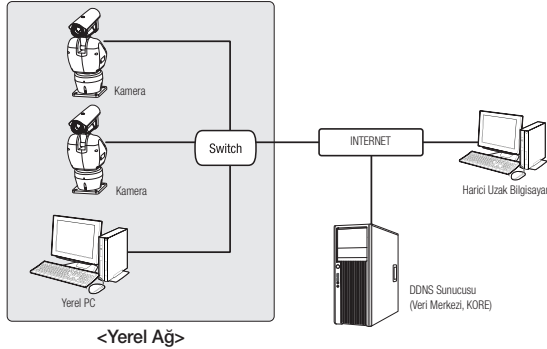
ağ bağlantısı ve kurulumu

Ağ ayarlarınızı ağ yapılandırmanıza göre ayarlayabilirsiniz.

KAMERAYI DOĞRUDAN YEREL ALAN AĞINA BAĞLAMAK

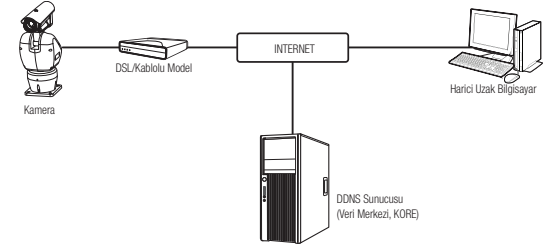
Kameraya Lan Üzerinde Yerel Bir Pc'den Bağlanmak

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 Teras Kurun.
- Device Manager'da, IP Adresi, Alt Ağ Maskesi, Ağ Geçidi, HTTP Portu, VNP Portu, IP türü ayarlarını yapmak için ilk parola olan "4321"i kullanabilirsiniz. Ağ ararimini değiştirdikten sonra, güvenliğin daha iyi olmasını sağlamak için web viewer'a erişip şifreyi değiştirin.
- IP adresi fabrika ayarlarına göre otomatik olarak DHCP sunucusundan atanır. Kullanılabilen DHCP sunucusu yoksa, IP adresi 192.168.1.100 olarak ayarlanır. IP adresini değiştirmek için Device Manager'ı kullanın. Device Manager'ın kullanımı hakkında daha fazla bilgi için, "Device Manager'ı Kullanma" kısmına bakın. (Sayfa 17)

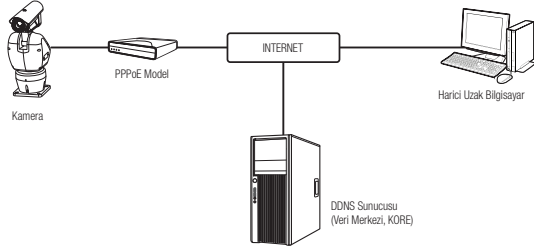
KAMERANIN DOĞRUDAN BİR DHCP TABANLI DSL/KABLOLU MODEME BAĞLANMASI



1. Kullanıcı bilgisayarı doğrudan ağ kamerasıyla bağlayın.
2. Device Manager'ı çalıştırın ve İnternet'e bağlanmak için masaüstünüzdeki web tarayıcısını kullanabilmek amacıyla kameranın IP adresini değiştirin.
3. İnternet tarayıcısını kullanarak web görüntüleyiciye bağlanın.
4. [Setup] sayfasına gidin.
5. [Network] – [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.

KAMERANIN DOĞRUDAN PPPoE MODEME BAĞLANMASI

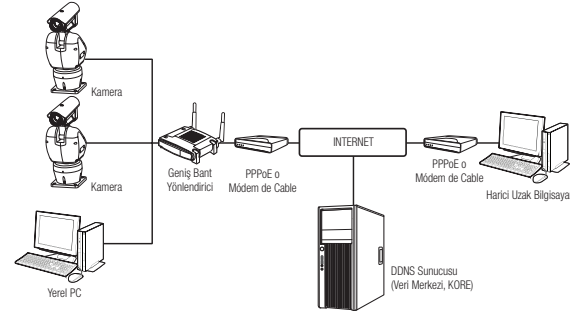


1. Kullanıcı bilgisayarını doğrudan ağ kamerasıyla bağlayın.
2. Device Manager'ı çalıştırın ve İnternet'e bağlanmak için masaüstünüzdeki web tarayıcısını kullanabilmek amacıyla kameranın IP adresini değiştirin.
3. İnternet tarayıcısını kullanarak web görüntüleyiciye bağlanın.
4. **[Setup]** sayfasına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

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

KAMERANIN BİR GENİŞ BANT YÖNLENDİRİCİYE PPPoE/KABLO MODEMLE BAĞLANMASI

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



Bir Geniş Bant yönlendiriciye bağlı yerel bilgisayarın ağ ayarlarının yapılandırılması

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

- Seçin : **<Network>** → **<Properties>** → **<Local Area Connection>** → **<General>** → **<Properties>** → **<Internet Protocol (TCP/IP)>** → **<Properties>** → **<Obtain an IP address automatically>** ya da **<Use the following IP address>**.
- Eğer **<Use the following IP address>** seçtiyseniz aşağıdaki talimatları takip edin:
 - örn1) Eğer Geniş Bant yönlendiricinin adresi (LAN IP) 192.168.1.1 ise
IP address : 192.168.1.100
Alt Ağ Maskesi : 255.255.255.0
Varsayılan Ağ Geçidi : 192.168.1.1
 - örn2) Eğer Geniş Bant yönlendiricinin adresi (LAN IP) 192.168.0.1 ise
IP address : 192.168.0.100
Alt Ağ Maskesi : 255.255.255.0
Varsayılan Ağ Geçidi : 192.168.0.1
 - örn3) Eğer Geniş Bant yönlendiricinin adresi (LAN IP) 192.168.xxx.1 ise
IP address : 192.168.xxx.100
Alt Ağ Maskesi : 255.255.255.0
Varsayılan Ağ Geçidi : 192.168.xxx.1
- Geniş Bant yönlendiricinin adresi için ürün belgelerine bakınız.
- Geniş bant yönlendiricinin bağlantı noktası iletimi hakkında daha fazla bilgi için bkz. "**Bağlantı Noktası Aralığı Aktarım (Bağlantı Noktası Eşleme) Ayarı**". (sayfa 19)

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.

1. Device Manager'ın ana sayfasındaki <Ara> seçeneğine tıklayın.
2. Listedeki kamerayı kontrol edin.
 - Kameraya yapıştırılmış etiketdeki 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. Listedeki 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>, <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 19)

Geniş Bant yönlendiriciye bağlı birden fazla kamera varsa

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

örn)

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



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

5. [Uygula] Düğmesine tıklayın.

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

ağ bağlantısı ve kurulumu

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

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

The screenshot shows the 'IP Assign' window with the 'DHCP' option selected. The window contains fields for IP Address, Subnet Mask, Gateway, and DNS servers. The 'DHCP' option is selected, and the 'Apply' button is visible at the bottom.

IP'Yİ OTOMATİK OLARAK YAPILANDIRMA

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

The screenshot shows the 'Auto IP Configure' window with the 'Auto IP Configure' option selected. The window contains fields for IP Address, Subnet Mask, Gateway, and DNS servers. The 'Auto IP Configure' option is selected, and the 'Apply' button is visible at the bottom.

KAMERAYI MANUEL OLARAK KAYDETME

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

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

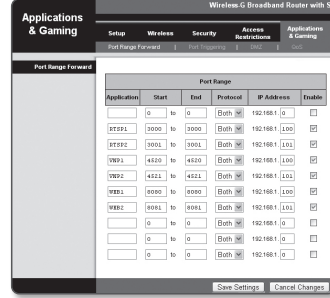
The screenshot shows the 'Cihazı Manuel Ekle' window with the 'Manual' option selected. The window contains fields for Model Adı, IP Adresi, HTTP Portu, VNP Portu, Kimlik, and Şifre. The 'Manual' option is selected, and the 'Apply' button is visible at the bottom.

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

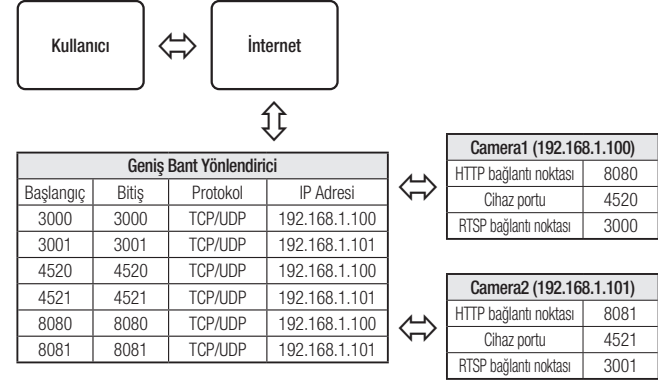
1. Geniş Bant yönlendiricinin Ayarlar menüsünden, **<Applications & Gaming>** - **<Port Range Forward>** öğelerini seçin.
Bir üçüncü şahıs Geniş Bant yönlendiricisi için bağlantı noktası aralığı aktarımını ayarlamak için, ilgili Geniş Bant yönlendiricinin kullanıcı kılavuzuna başvurun.
2. Geniş Bant 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.



Faklı Ağ Kameraları için Bağlantı Noktası Aralığı Aktarım Ayarı

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

Kamera 1 ve Kamera 2 bir yönlendiriciye bağlandığında :



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

KAMERAYA PAYLAŞILAN BİR YEREL BILGISAYARDAN BAĞLANMA

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



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

KAMERAYA İNTERNET ARACILIĞIYLA UZAK BİR BILGISAYARDAN BAĞLANMA

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

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

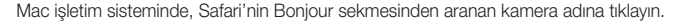


■ DDNS kullanmak için, DDNS ana sayfasında (<http://ddns.hanwha-security.com>) kaydolun ve ürünü **[DDNS Ayarlarını]**> **[Ürün Kaydı]** seçeneği altında kaydedin.

Bonjour üzerinden Bağlanma

1. Bonjour protokolünü destekleyen istemciyi veya işletim sistemini çalıştırın.

2. Arama yapmak için kamera adına tıklayın.



- Kamera doğrudan DHCP kablolu modeme, DSL modeme veya PPPoE modeme bağlıysa, her ISP (İnternet Hizmet Sağlayıcısı) sunucusuna bağlanmaya çalıştığınızda ağınızın IP adresi değişecektir.

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

ŞİFRE AYARI

- Ürüne ilk kez erişim sağladığınızda, oturum açma şifresini kaydetmeniz gerekir.

“Şifre değiştirme” penceresi görüntülediğinde, yeni şifreyi girin.

- 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 (lower/upper case alphabets, numbers and special characters).

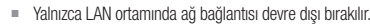
• If the password is 10 to 15 letters long, then it should be a combination of at least two types (lower/upper case alphabets, numbers and special characters).

• User names should be different from passwords.

• The following special characters are available for use: ~ | @ # % ^ _ " ' , - . + = { } [] \ ; : ' " ~

(1) Don't use 4 or more characters consecutively together. (examples : 1234, aaaa)

(2) Don't use 4 or more characters repeated. (examples : 1111, 1111, aaaa)



- 8 ila 9 haneli yeni bir şifrede, şunlardan en az üçünü kullanmanız gerekir: büyük/küçük harfler, sayılar ve özel karakterler. 10 ila 15 haneli bir şifrede, yukarıda belirtilen türlerden en az ikisini kullanmanız gerekir.

- İzin verilen özel karakterler. : ~`!@#\$%^*()_-=|{}~.?

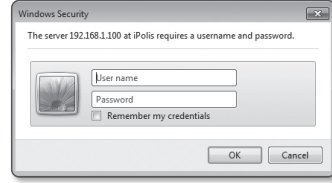
- Daha üst seviyede güvenlik için şifrelerinizde aynı karakterlerin veya ardışık klavye girişlerinin tekrarlanmaması önerilir.
- Şifrenizi kaybettiyseniz, ürünü sıfırlamak için **[RESET]** düğmesine basabilirsiniz. Bir deftere not ederek ya da ezberleyerek şifrenizi kaybetmeyin.

ağ görüntüleyici

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] öğesine tıklayın. Oturum Açma başarılı olduğunda, Live Viewer ekranı açılır.



- ! Kameranın web görüntüleyicisine eriştiğinizde, görüntü verilerinin 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.
- ! Ekran boyutu %100 olduğunda en iyi video kalitesine sahip olursunuz. Oran düşürüldüğünde, görüntü kenarlardan kesilebilir.

HER BİR TARAYICI İÇİN EKLENTİ DESTEĞİ ÖZELLİKLERİ

Mevcut web görüntüleyicisi eklentisi ve yeni eklentisiz web görüntüleyicisi birlikte tümleşiktir. Bu, web görüntüleyiciyi, eklentileri desteklemeyen Chrome, EDGE ve FireFox (yalnızca Windows 64-bit) gibi daha yeni tarayıcı ortamlarında kullanmanıza olanak tanır. IE ve Safari gibi eklenti yüklemeye izin veren tarayıcılar için eklentinin kurulması önerilir.

- **Chrome, Mozilla Firefox (sadece Windows 64-bit), EDGE tarayıcı :** Bu tarayıcıların eklenti desteği olmamasına rağmen, bir web görüntüleyicisini eklentisiz ve tümleşik olarak kullanabilirsiniz.
- ! Eklentisiz webviewer, eklenti webviewer'a oranla daha düşük performansla sahip olduğu için, yüksek kaliteli profillerin izlenmesi ve kaydedilen videoların oynatılması konusunda limitler vardır. Yüksek kaliteli profillerin izlenmesi ve kaydedilen videoların oynatılması için eklenti webviewer veya SmartViewer kullanın.
 - Eklentisiz web-viewer oluşturma koşulları: Seçilen profil MJPEG Tam HD 10kare/sn H.264'ü aşır (Chrome : tam ekran çözünürlüğü destekler / Edge, Firefox, Safari : Tam HD 30 kare/sn veya üstü) H.265 Tam HD 10kare/sn 2Mbps veya üstü
 - Eklentisiz oynatma koşulları: MJPEG/H.264 tam ekran çözünürlüğü, H.265 HD veya daha düşük
- Eklentisiz özelliği Chrome tarayıcısı için optimize edilmiştir.
- Adaptive Streaming'i Destekler
 - Bu özellik, 5 saniyeden uzun bir gecikme olması durumunda profili otomatik olarak düşürür. Önerilenlerden daha düşük donanım özelliklerine sahip bir sistemde video oynatılırken gecikmede artış ve tarayıcıdan yanıt gelmemesi gibi sorunları önlemek için geliştirilmiştir. Video profili aşağıdaki sırayla düşürülür: 1920X1080(20fps) ->1280X720(20fps) -> 640X480(20fps).
- **IE, Safari tarayıcı :** Mevcut web görüntüleyicisi eklentisini yüklemeszeniz bile bir web görüntüleyicisi kullanabilirsiniz.

- ! Kaydedilen videoları sorunsuz olarak izlemek/oynatmak için bir eklenti kurmanız gerekir.

WebViewr EKLENTİSİNİN KURULUMU

Eklenti web görüntüleyiciye erişmek ve canlı video (H.264/H.265) veya kaydedilmiş bir videoyu oynatmak için, bir kurulum mesajı görüntülenir. Bu anda işlevi düzgün bir şekilde kullanabilmeniz için web görüntüleyici eklentisini kurmanız gerekir.

1. İzleme sayfasına ilk erişimde, kurulum sayfası görüntülenir. Kurulumla başlamak için [Download plugin] düğmesine tıklayın.
- ! Eklenti kurulum dosyası indirme durumu İnternet Explorer dosyasında %99'da durdurulduysa "Araçlar → SmartScreen filtresi" bölümünde "SmartScreen filtresini kapat" seçimini belirledikten sonra yeniden deneyin.
2. Mesaj penceresinde [Run] düğmesine tıklayın.
3. Tüm tarayıcı pencerelerinin kapatılacağını belirtilen uyarı penceresi görüntülendiğinde [Yes] düğmesine tıklayın.
- ! Önceden kurulmuş bir Web Görüntüleyici Eklentisi yoksa, adım 4 ve 5 atlanır.
4. Web Görüntüleyici Eklentisinin eski sürümü kuruluysa, eski sürümün silindiğini gösteren bir uyarı penceresi görüntülenir. Uyarı penceresi görüntülendiğinde [Yes] düğmesine tıklayın.
5. [OK] düğmesine tıklayın. Web Görüntüleyici Eklentisinin eski sürümü silinir.
6. Web Görüntüleyici Eklentisinin kurulumuna başlamak için [Install] düğmesine tıklayın.
7. [Finish] düğmesine tıklayın. Web Görüntüleyici Eklentisinin kurulumu tamamlanmıştır.

- ! İnternet Explorer'ınızda, webviewer eklentisini kurduktan sonra kurulum ekranına gitmek istiyorsanız, "Araç → Ek İşlev Yönetimi" menüsünde webviewer_activeplugin_lib.control öğesinin "Etkin" olup olmadığını kontrol edin. Etkin değilse ve devam eden bir sorun varsa, "Araçlar → İnternet Seçenekleri → Genel" öğesini seçin ve arama kayıtlarının tümünü silin. Sorun devam ederse, lütfen "Araçlar → İnternet Seçenekleri → Güvenlik → Güvenilen siteler" bölümüne gidip kameranızın IP veya Etki Alanını kaydedin.

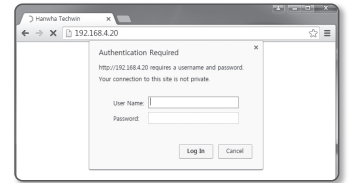
EKLENTİSİZ WEB GÖRÜNTÜLEYİCİ KULLANMA

Eklentileri ayrı ayrı yüklemek mümkün olmasa da, kameraya Google Chrome, Mozilla Firefox veya MS Edge web tarayıcısından erişerseniz, eklentileri kurmadan kamera görüntüsünü izleyebilir ve denetleyebilirsiniz.

1. Oturum açmak için kullanıcı adınız ve parolayı girin.
2. Oturum açtığınızda, kameranın canlı görüntü ekranı görünür.

Kamerayı ayarlamak için

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



SORUN GİDERME

SORUN	ÇÖZÜM
Bir Windows 10 kullanıcısı Chrome veya Firefox aracılığıyla web görüntüleyiciye eriştiğinde, mikrofona ses düzeyi periyodik olarak değişir.	Mikrofon sürücüsü Realtek sürücüsüne ayarlandığında ne olur. Mikrofon sürücüsü olarak Yüksek Çözünürlüklü Ses aygıtını (Windows Varsayılan Sürücü) veya üçüncü taraf sürücüyü yükleyin.
Safari tarayıcıda eklentisiz web görüntüleyiciye HTTPS aracılığıyla erişildiğinde hiçbir video görüntülenmez.	- HTTPS'e ilk olarak erişildiğinde, görüntülenen kimlik doğrulama açılır penceresinde, "Kimlik Doğrulama Sertifikasını Görüntüle" seçeneğine ve "Belirlenen webviewer IP adresine bağlanırken daima güven" seçim kutusuna tıklayın. - Aşağıdaki mesaj penceresinde "İleri" seçeneğini seçtikten sonra web görüntüleyici halen video görüntülememeye devam ederse, Safari tarayıcıdan çıkmak için komut tuşu + Q tuşuna basın, sayfaya yeniden erişin ve yukarıda belirtilen işlemleri uygulayın.
Sistem kontrol edilemiyor.	- Gücü kontrol edin. Gücün açık olduğunu doğrulayın. - İletişim kablosunun bağlı olup olmadığını kontrol edin.
Kameraya ağ tarayıcısından erişemiyorum.	- Kameranin Ağ ayarlarının uygun olduğuna emin olmak için kontrol edin. - Bütün ağ kablolarının düzgün olarak bağlandığına emin olmak için kontrol edin. - Eğer DHCP ile bağlanılmışsa, kameranın problemsiz olarak dinamik IP adresi alabildiğini kontrol edin. - Eğer kamera bir Geniş Bant yönlendiriciye bağlıysa, port yönlendirmenin doğru yapılandırıldığını kontrol edin.
İzleme sırasında İzleyici bağlantısı kopuyor.	- Bağlı İzleyicilerin bağlantısı, kamerada ya da ağ yapılandırmasında yapılan değişikliklerle kopar. - Bütün ağ bağlantılarını kontrol ediniz. - Eğer kamera bir PPPoE ağına bağlıysa, İzleyicinin bağlantısının kopması kötü ağ koşullarından kaynaklanıyor olabilir.
Sisteme Internet Explorer 7.0 sekmeli tarayıcısını kullanarak bağlanamıyorum.	Yeni bir pencere veya sekme ile bağlanıldığında bir hata oluşabilir. Yeni bir pencere veya sekme açmayın, "Dosya → Yeni oturum" seçimini yapın.
Ağa bağlı kamera, Device Manager programında algılanmaz.	PC'nizdeki güvenlik duvarını kapatın ve kamerayı tekrar aratın.
Görüntüler üstüste biniyor.	İki ya da daha fazla kameranın farklı adresler yerine tek bir multicast adrese ayarlanıp ayarlanmadığını kontrol edin. Eğer birden çok kamera için tek bir adres kullanılmışsa, görüntüler üstüste binebilir.
Görüntü belirmiyor.	Eğer iletim yöntemi multicast olarak ayarlanmışsa, kameranın bağlandığı LAN üzerinde multicast destekleyen yönlendirici olup olmadığını kontrol edin.

SORUN	ÇÖZÜM
Ses girişi ayarları yapılandırılmış olsa bile ses kaydedilmez.	<Basic> - <Video Profili> bölümündeki <Ses Girişi> onay kutusunu işaretlemeniz gerekir.
<Event> ögesinde <MD / VA> seçeneği <Etkinleştirin> olarak ayarlandı ancak bir analiz olayı meydana geldiğinde bile bana e-posta bildirimini ulaşmıyor.	- Ayarları şu sırayla doğrulayın: <Tarih ve Saat> ayarlarını kontrol edin. <MD / VA> ögesi <Etkinleştir> seçeneğine ayarlanmalıdır. <Olay Ayarı> menüsünün <E-posta> seçeneğinin kullanım 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 <Setup> → <Event> → <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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GPL SW

Component Name	License	URL
Base Kernel	GPL 3.0	
Busybox	GPL 2.0	http://www.busybox.net/downloads/snapshots
iproute2-3.1.0	GPL 2.0	
alsa-utils-1.0.24.2	GPL 2.0	
alsa-lib-1.0.24.1	GPL 2.0	
iptables-1.4.12.2	GPL 2.0	http://ftp.netfilter.org/pub/iptables
ethtool-3.2	GPL 2.0	
mt-d-1.4.1	GPL 2.0	ftp://ftp.infradead.org/pub/mt-d-utils
mi-diag-2.11	GPL 2.0	
rp-pppoe-3.10	GPL 2.0	http://www.roaringpenguin.com/pppoe/
wpa_supplicant-0.7.3	GPL 2.0	
bash-4.2	GPL 3.0	
zeroconf	GPL 2.0	

LGPL SW

Component Name	License	URL
glibc	LGPL 2.0	
inetutils	LGPL 3.0	
neon-0.29.6	LGPL 2.0	http://www.webdav.org/neo/
	(The Manual and test suite are GPL)	

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Version 2, June 1991

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

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



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