

WISeNeT

NETZWERKKAMERA

Benutzerhandbuch

XND-L6080R/XND-L6080RV/XND-L6080V

XNO-L6080R

XNV-L6080/XNV-L6080R



Netzwerkamera

Benutzerhandbuch

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❖ Design und technische Daten können ohne vorherige Ankündigung geändert werden.

❖ Die initiale Administrator-ID ist "Administrator" und das Passwort sollte eingestellt werden, wenn Sie sich das erste Mal anmelden.
Bitte ändern Sie das Passwort alle drei Monate um die persönlichen Daten zu schützen und Schaden infolge Datendiebstahl zu vermeiden.
Beachten Sie bitte, der Benutzer ist für die Sicherheit und alle weiteren Probleme, die sich aus einem Missmanagement des Passworts ergeben verantwortlich.

WICHTIGE SICHERHEITSHINWEISE

1. Lesen Sie diese Anweisungen.
2. Bewahren Sie sie auf.
3. Beachten Sie alle Warnungen.
4. Befolgen Sie alle Anweisungen.
5. Verwenden Sie dieses Gerät nicht in der Nähe von Wasser.
6. Die verunreinigte Stelle auf der Produktoberfläche mit einem weichen, trockenen oder feuchten Tuch reinigen. (Keine Reinigungs- oder kosmetischen Mittel verwenden, die Alkohol, Lösungsmittel oder Ölbestandteile enthalten, da diese das Produkt deformieren oder schädigen können.)
7. Blockieren Sie keine Belüftungsöffnungen. Installieren Sie es gemäß den Herstelleranweisungen.
8. Installieren Sie das Gerät nicht in der Nähe von Wärmequellen wie beispielsweise von Radiatoren, Heizkörpern oder anderen Geräten (einschließlich Verstärkern), die Wärme erzeugen.
9. Bitte achten Sie darauf, die Schutzvorrichtung des gepolten bzw. geerdeten Steckers nicht zu beschädigen. Ein gepolter Stecker verfügt über zwei Stifte, von denen einer breiter als der andere ist. Ein geerdeter Stecker hat zwei Stifte und einen Erdungsstift. Der breite Stift oder der dritte Stift ist für Ihre Sicherheit vorgesehen. Wenn der vorgesehene Stecker nicht in Ihre Steckdose passt, wenden Sie sich an einen Elektriker, um die veraltete Steckdose austauschen zu lassen.
10. Schützen Sie das Netzkabel so, dass nicht darauf getreten wird, und dass es insbesondere an den Steckern oder passenden Steckdosen bzw. der Stelle, an der das Kabel das Gerät verlässt, nicht abgeklemt wird.
11. Verwenden Sie nur die vom Hersteller angegebenen Zusatzgeräte/Zubehörteile.
12. Verwenden Sie für das Gerät nur Gestelle, Ständer, Stative, Konsolen und Tische, die vom Hersteller empfohlen oder in Verbindung mit dem Gerät verkauft werden. Bei Verwendung eines Transportwagens bewegen Sie das Gerät nur mit äußerster Vorsicht, um Verletzungen durch Umkippen zu vermeiden.
13. Trennen Sie das Gerät bei Gewitter oder längerer Abwesenheit vom Stromnetz.
14. Überlassen Sie alle Wartungsarbeiten qualifiziertem Kundendienstpersonal. Wartungsarbeiten sind erforderlich, wenn das Gerät in irgendeiner Weise beschädigt wurde, wie zum Beispiel ein beschädigtes Netzkabel oder Stecker, verschüttete Flüssigkeiten oder Gegenstände, die in das Gerät gefallen sind, das Gerät Regen oder Feuchtigkeit ausgesetzt wurde, nicht normal funktioniert oder fallen gelassen wurde.
15. Wenn Sie bei der Installation des Gerätes zu viel Kraft verwenden, kann es zu Beschädigungen und Fehlfunktionen der Kamera kommen.
Wenn Sie das Produkt mit Gewalt und nicht konformen Werkzeugen installieren, kann das Produkt beschädigt werden.
16. Stellen Sie das Produkt nicht an Orten auf, an denen chemische Stoffe oder Ölnebel vorhanden sind oder entstehen können. Da Speiseöle wie Sojaöl das Produkt beschädigen oder verwerfen können, darf das Produkt nicht in der Küche oder in der Nähe des Küchentisches installiert werden.
Dies kann zu Schäden am Produkt führen.
17. Achten Sie beim Einbau des Produkts darauf, dass die Oberfläche des Produkts nicht mit chemischer Substanz gefärbt wird.
Einige chemische Lösungsmittel wie Reiniger oder Klebstoffe können schwere Schäden an der Oberfläche des Produkts verursachen.
18. Wenn Sie das Produkt in einer nicht empfohlene Weise installieren oder demontieren, können die Produktionsfunktionen / Leistung nicht garantiert werden.
Installieren Sie das Produkt unter "Installation und Anschluss (Installation and connection)" in der Bedienungsanleitung.
19. Installation oder Verwendung des Produkts ins Wasser kann zu ernsthaften Schäden am Produkt führen.



WARNUNG

SETZEN SIE DIESES GERÄT NICHT REGEN ODER FEUCHTIGKEIT AUS, UM DIE GEFAHR EINES BRANDS ODER ELEKTROSCHOCKS ZU REDUZIEREN. STECKEN SIE KEINE METALLGEGENSTÄNDE DURCH DIE BELÜFTUNGSSCHLITZE ODER ANDERE ÖFFNUNGEN DER AUSRÜSTUNG.

Schützen Sie das Gerät vor Flüssigkeitsspritzern und Tropfen. Stellen Sie keine mit Flüssigkeiten gefüllten Behälter auf dem Gerät ab (z. B. Vasen).

Zur Vermeidung von Verletzungen muss das Gerät gemäß der Montageanleitung sicher an der Wand oder Decken befestigt werden.

VORSICHT

	VORSICHT GEFAHR EINES ELEKTROSCHOCKS NICHT ÖFFNEN	
VORSICHT : NICHT DIE RÜCKSEITIGE ABDECKUNG ÖFFNEN, ABDECKUNG (ODER RÜCKSEITE) NICHT ABNEHMEN. KEINE VOM BENUTZER ZU WARTENDE TEILE INNEN. WENDEN SIE SICH AN QUALIFIZIERTES KUNDENDIENSTPERSONAL.		

ERKLÄRUNG DER GRAPHISCHEN SYMBOLE



Das Blitzsymbol im gleichseitigen Dreieck warnt den Benutzer davor, dass im Inneren des Produkts nicht isolierte, „gefährliche Spannungen“ anliegen. Dies kann zu einem elektrischen Schlag führen und stellt eine ernsthafte Verletzungsgefahr dar.



Das Ausrufezeichen im gleichseitigen Dreieck soll Benutzer darauf hinweisen, dass die zum Lieferumfang des Produkts gehörende Dokumentation wichtige Bedienungs- und Instandhaltungsanweisungen (Reparaturanweisungen) enthält.

Klasse I nbauart

Ein Gerät der KLASSE I sollte nur an einen NETZ-Anschluss mit Schutzerdung angeschlossen werden.

Akku

Akkus (Akkusatz oder eingelegter Akku) dürfen keiner extremen Hitze, z. B. Sonneneinstrahlung, Feuer oder Ähnlichem, ausgesetzt werden.

Der Akku kann nicht ersetzt werden.

Trennung des Geräts

Trennen Sie den Hauptstecker vom Gerät, wenn dieser beschädigt ist. Und wenden Sie sich bitte für die Reparatur an einen Fachmann in Ihrer Nähe.

Außerhalb der USA könnte ein HAR-Code verwendet werden. Eine Fachwerkstatt wird mit Zubehör einer Fachwerkstatt beauftragt.

ACHTUNG

Diese Hinweise zur Wartung und Reparatur gelten nur für qualifiziertes Kundendienstpersonal. Um die Gefahr von Stromschlägen zu verringern, führen Sie nur die Reparaturen aus, die in der Bedienungsanleitung enthalten sind. Überlassen Sie alle weiterführenden Reparaturarbeiten qualifiziertem Personal.

Der CVBS-Ausgang des Produkts wurde zur einfacheren Installation bereitgestellt und dient keinen Überwachungszwecken.

Bitte verwenden Sie die Eingangsleistung für nur eine Kamera und schließen Sie keine zusätzlichen Geräte an.

Der ITE darf nur mit PoE-Netzwerken und ohne Routing zur äußeren Anlage verbunden werden.

Lesen Sie die folgenden empfohlenen Sicherheitsmaßnahmen sorgfältig durch.

- Stellen sie das Gerät nicht auf eine unebene Fläche.
- Setzen Sie das Gerät keiner direkten Sonneneinstrahlung aus, stellen Sie es nicht in der Nähe von Heizgeräten oder in sehr kalten Bereichen auf.
- Das Gerät nicht in der Nähe von leitendem Material aufstellen.
- Versuchen Sie auf keinen Fall, selbst Reparaturarbeiten auszuführen.
- Stellen Sie kein Glas Wasser auf das Produkt.
- Stellen Sie das Gerät nicht in der Nähe einer magnetischen Quelle auf.
- Blockieren Sie nicht die Belüftungsöffnungen.
- Legen Sie keine schweren Gegenstände auf das Produkt.
- Bitte nutzen Sie beim Installieren/Entfernen der Kamera Schutzhandschuhe. Die hohe Temperatur der Produktoberfläche könnte zu Verbrennungen führen.

Das Benutzerhandbuch ist ein Anleitungsbuch zur Art der Verwendung von Produkten.

Die Verwendungshinweise im Handbuch bedeuten folgendes.

- Referenz : Im Falle einer weiterleitenden Information als Hilfe bei der Produktverwendung
 - Hinweis : Wenn die Möglichkeit besteht, dass Güter oder Menschen durch das Nichtbefolgen der Anleitung zu Schaden kommen
- ※ Bitte lesen Sie das vorliegende Benutzerhandbuch zur eigenen Sicherheit vor der Verwendung von Gütern sorgfältig durch, und heben Sie es an einem sicheren Ort auf.

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PRODUKT-FUNKTIONEN

- **Staub/Wasserdicht (XNO-L6080R, XNV-L6080/L6080R)**
Die staub- und wasserdichte Konstruktion schützt das Produkt vor Regen und Staub, wann immer es im Freien installiert wird. (IP66)
- **IR-Modus (XND-L6080R/L6080RV, XNO-L6080R, XNV-L6080R)**
Wenn die IR-Anzeige anspricht, schaltet das Gerät in den IR-Modus, damit ein Objekt nicht zu hell dargestellt wird, wodurch sich nahe am Objektiv befindende Objekt leichter identifiziert werden können.
- **Unterstützt 2M Pixel Auflösung Videos**
- **Multi-Übertragung**
Dieser Netzwerk Encoder kann Videos in verschiedenen Auflösungen und Qualitäten über verschiedenen CODECs gleichzeitig anzeigen.
- **Überwachung über Webbrowser**
Der Webbrowser kann verwendet werden, um die Bildanzeige in einer lokalen Netzwerkumgebung wiederzugeben.
- **Alarm**
Sollte ein Ereignis eintreten, wird das entsprechende Video an die E-Mail-Adresse gesendet, die vom Benutzer oder auf dem FTP-Server registriert wurde, oder es wird auf einer Micro-SD-Speicherkarte oder einem NAS gespeichert.
- **Manipulation Erkennung**
Erkennt Versuche, die Video Überwachung zu manipulieren.
- **Funktion der Unschärfe-Ermittlung**
Ermittelt das Unschärfe-Phänomen der Kameralinse.
- **Bewegungserkennung**
Erkennt Bewegungen auf den von der Kamera eingehenden Videobildern.
- **Smart Codec**
Codecs schaltet für einen Teil des Kamera-Sichtfelds automatisch ein, um die Qualität eines solchen Bereichs, der von dem Benutzer bestimmt wird, zu verbessern.
- **Automatische Erkennung eines unterbrochenes Netzwerk**
Erkennt ein unterbrochenes Netzwerk, bevor ein Ereignis ausgelöst wird.
- **IVA-Funktion (Intelligente Videoanalyse)**
Erkennt eine Bewegung oder Situation, die die konfigurierten Ereignisregeln erfüllt.
- **ONVIF Compliance**
Dieses Produkt unterstützt das ONVIF Profil S&G.
Weitere Informationen finden Sie unter www.onvif.org.



EMPFOHLENE PC-SPEZIFIKATIONEN

- CPU : Intel(R) Core(TM) i7 3.4 GHz oder höher
- RAM : 8G oder höher
- Unterstützte Betriebssystem : MS Windows, Mac OS X
- **Web Viewer**
Empfohlener Browser: Google Chrome
Unterstützte Browser: MS Edge, MS IE, Firefox (nur Windows 64bit), Apple Safari (nur Mac OSX)
Sie können detaillierte Informationen zu verifizierten Betriebssystemen und Browsern im Anhang finden.
Einige Funktionen können in unterstützten Browsern ebenfalls eingeschränkt sein.

EMPFOHLENE TECHNISCHE DATEN FÜR MICRO SD/SDHC/SDXC SPEICHERKARTEN

- Empfohlene Kapazität : 16GB bis 256GB (MLC-Typ)
- Folgende Typen von Speicherkarten der folgenden Hersteller werden für diese Kamera empfohlen.
 - Hersteller: SanDisk, Transcend
 - Produktfamilie: Hohe Standfestigkeit

EMPFOHLENE NAS-SPEZIFIKATIONEN

- Empfohlene Kapazität : 200GB oder mehr wird empfohlen.
- Gleichzeitiger Zugriff : Eine NAS-Einheit kann maximal sechzehn Kamerazugriffe aufnehmen.
- Bei dieser Kamera raten wir zu NAS mit den folgenden Spezifikationen.

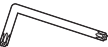
Empfohlene Produkte	Verfügbare Größen
QNAP NAS	Maximal 16 Kameras können gleichzeitig zugreifen.
Synology NAS	Maximal 16 Kameras können gleichzeitig zugreifen.



- Falls Sie NAS-Geräte für sonstige Zwecke, als die Videospeicherung verwenden, wird möglicherweise die Anzahl von zugänglichen Kameras reduziert.

LIEFERUMFANG (XND-L6080R/L6080RV/L6080V)

Überprüfen Sie bitte, ob in der Produktverpackung die Kamera und alle Zubehörteile enthalten sind.
(Da in jedem Vertriebsland die Zubehörteile nicht die gleichen sind.)

Produktdesign	Bezeichnung	Menge	Beschreibung	Modellbezeichnung
	Kamera	1		XND-L6080R
		1		XND-L6080RV/ L6080V
	Kurzanleitung (Optional)	1		Für alle Modelle verwendbar
	Garantiekarte (Optional)	1		
	Testmonitor-Kabel	1		
	Schablone	1		
	Selbstdrehende Schraube	2		
	L-förmiger Schraubenschlüssel	1	Wird verwendet, um die Dome- Abdeckung zu entfernen und zu ersetzen	XND-L6080RV/ L6080V

Produktdesign	Bezeichnung	Menge	Beschreibung	Modellbezeichnung
Optionen (nicht enthalten)				
	Unterputz-Gehäuse für den Innenraum		Gehäuse zur Installierung von Unterputz-Kameratypen im Innenraum.	Für alle Modelle verwendbar

LIEFERUMFANG (XNO-L6080R)

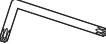
Überprüfen Sie bitte, ob in der Produktverpackung die Kamera und alle Zubehörteile enthalten sind.
(Da in jedem Vertriebsland die Zubehörteile nicht die gleichen sind.)

Produktdesign	Bezeichnung	Menge	Beschreibung
	Kamera	1	
	Kurzanleitung (Optional)	1	
	Garantiekarte (Optional)	1	
	Testmonitor-Kabel	1	Wird zum Testen des Kameraanschlusses an ein tragbares Displaygerät verwendet
	Schablone	1	Installationsanleitung des Produkts
	L-förmiger Schraubenschlüssel	1	Wird verwendet, um die Dome- Abdeckung zu entfernen und zu ersetzen
	Selbstdrehende Schraube	3	Zur Montage an die Wand oder Decke

Produktdesign	Bezeichnung	Menge	Beschreibung
	Sonnenschutz	1	Schützt die Kamera vor direkter Sonneneinstrahlung
	Sonnenschutz Halterung	1	Dient der Befestigung des Sonnenschutzes an der Kamera
	RJ45 wasserdichtes Zubehor	1	Wird zur Installation an feuchten Orten verwendet
	Installationsanleitung für RJ45 wasserdichtes Zubehör	1	

LIEFERUMFANG (XNV-L6080/L6080R)

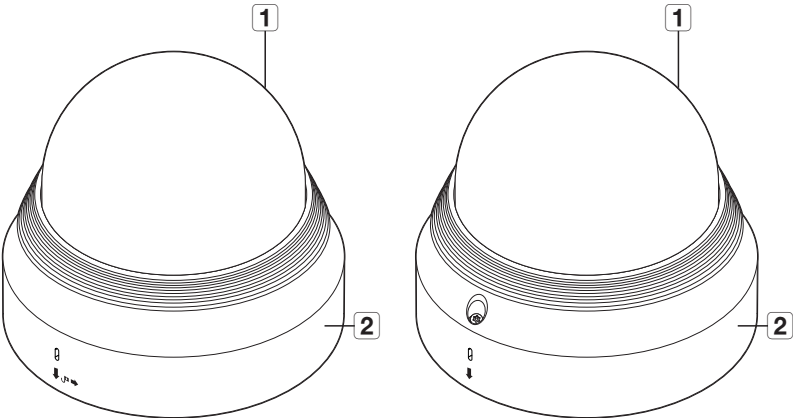
Überprüfen Sie bitte, ob in der Produktverpackung die Kamera und alle Zubehörteile enthalten sind.
(Da in jedem Vertriebsland die Zubehörteile nicht die gleichen sind.)

Produktdesign	Bezeichnung	Menge	Beschreibung
	Kamera	1	
	Kurzanleitung (Optional)	1	
	Garantiekarte (Optional)	1	
	Testmonitor-Kabel	1	Wird zum Testen des Kameraanschlusses an ein tragbares Displaygerät verwendet
	Schablone	1	Installationsanleitung des Produkts
	Selbstdrehende Schraube	3	Zur Montage an die Wand oder Decke
	L-förmiger Schraubenschlüssel	1	Wird verwendet, um die Dome- Abdeckung zu entfernen und zu ersetzen

Produktdesign	Bezeichnung	Menge	Beschreibung
	Plastikdübel	3	Zum Befestigen einer in einer Bohrung eingesetzten Schraube (verstärkende, verankernde Wirkung)
	Maschinenschraube	3	Benutzt um das Kuppelgehäuse zusammenzubauen, wenn das Produkt auf Rohr, Wandhalterung, usw. installiert oder ein Loch blockiert wird.
	Kartentyp Feuchtigkeitsabsorbierend	1	Bei Installation befestigt.
	Installationsvorrichtung für Kappen	1	Wird beim Anschließen eines RJ45-Kabels verwendet
Optionen (nicht enthalten)			
	Unterputz-Gehäuse für den Innenraum		Gehäuse zur Installierung von Unterputz-Kameratypen im Innenraum.

AUF EINEN BLICK (XND-L6080R/L6080RV/L6080V)

Aufbau

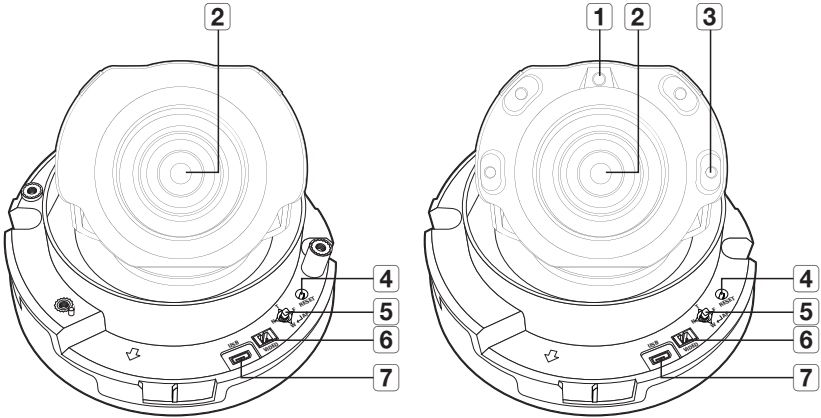


<XND-L6080R>

<XND-L6080RV/L6080V>

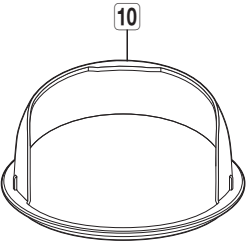
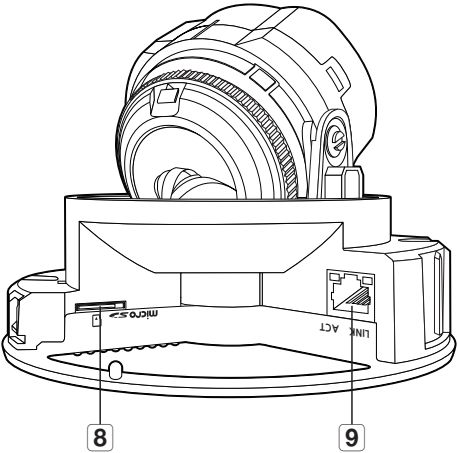
Bezeichnung	Beschreibung
1 Abdeckklappe	Gehäuseabdeckung zum Schutz des Objektivs und der Haupteinheit.
2 Kamera-Gehäuse	Teil des Kameragehäuses.

Komponenten



<XND-L6080V>

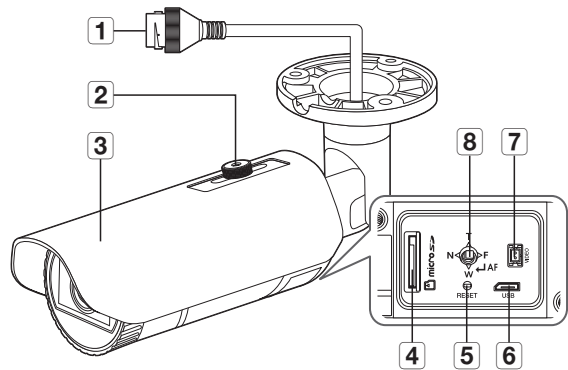
<XND-L6080R/L6080RV>



Bezeichnung	Beschreibung	
1 Beleuchtungssensor	Erkennt das einfallende Licht, und steuert die Infrarot-LED.	
2 Objektiv	Kameraobjektiv.	
3 IR LED	Diese infrarot LEDs werden über den Beleuchtungssensor gesteuert.	
4 Reset-Taste	Diese Taste setzt alle Kameraeinstellungen auf die Werkseinstellungen zurück. Drücken und 5 Sekunden gedrückt halten, um das System neu zu starten. ■ Wenn Sie die Kamera zurücksetzen, werden die Netzwerkeinstellungen so eingestellt, dass DHCP aktiviert sein kann. Wenn im Netzwerk kein DHCP-Server vorhanden ist, muss das Programm Device Manager ausgeführt werden, um die grundlegenden Netzwerkeinstellungen, wie IP-Adresse, Subnetzmaske, Gateway, etc. zu ändern, bevor es möglich ist, sich mit dem Netzwerk zu verbinden.	
5 Zoom-/Fokusregler-Schaltfläche	T	Vergrößern (Tele)
	W	Verkleinern (breit)
	N	Scharfeinstellung eines nahen Objekts (nah)
	F	Scharfeinstellung eines entfernten Objekts (fern)
	Fokusregler	Diese Schaltfläche für die automatische Fokusreglung drücken.
6 Test Monitor Ausgang	Anschluss zum Testen der Videoausgabe. Verwenden Sie das Test Monitor Kabel, um ein tragbares Anzeigegerät anzuschließen und das Videobild zu testen.	
7 MICRO USB Port	Port für den Anschluss von WiFi-Dongles. Sie können das Installationsvideo über die auf dem Smartphone installierten Anwendungen überprüfen. "Verbinden mit WiFi-Dongle" Siehe auf Seite 22. ■ WiFi Dongle und OTG-Adapter werden separat verkauft.	
8 Micro SD-Speicherkartenfach	Fach für die Micro SD-Speicherkarte.	
9 PoE-Stecker	Verbindet das Netzwerk und liefert Strom über ein Ethernet-Kabel.	
10 Innendeckel	Schutzabdeckung für das Gehäuse.	

SPOJRZENIE NA KAMERĘ (XNO-L6080R)

Aufbau & Komponenten

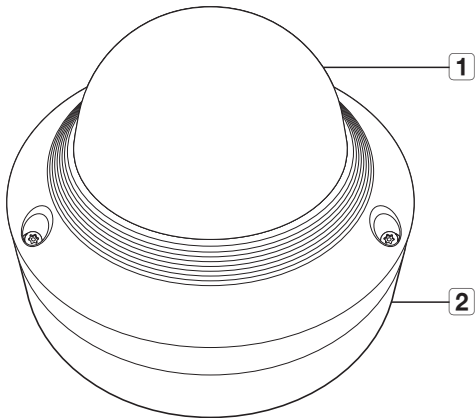


Bezeichnung	Beschreibung
1 PoE-Stecker	Verbindet das Netzwerk und liefert Strom über ein Ethernet-Kabel.
2 Sonnenschutz Halterung	Dient der Befestigung des Sonnenschutzes an der Kamera.
3 Sonnenschutz	Schützt die Kamera vor direkter Sonneneinstrahlung.
4 Micro-SD-Kartensteckplatz	(Innenraum des Produkts) In diesen Steckplatz lässt sich eine Micro-SD-Karte einlegen.
5 Reset-Taste	Diese Taste setzt alle Kameraeinstellungen auf die Werkseinstellungen zurück. Drücken und 5 Sekunden gedrückt halten, um das System neu zu starten. ■ Wenn Sie die Kamera zurücksetzen, werden die Netzwerkeinstellungen so eingestellt, dass DHCP aktiviert sein kann. Wenn im Netzwerk kein DHCP-Server vorhanden ist, muss das Programm Device Manager ausgeführt werden, um die grundlegenden Netzwerkeinstellungen, wie IP-Adresse, Subnetzmaske, Gateway, etc. zu ändern, bevor es möglich ist, sich mit dem Netzwerk zu verbinden.

Bezeichnung	Beschreibung	
6 MICRO USB Port	Port für den Anschluss von WiFi-Dongles. Sie können das Installationsvideo über die auf dem Smartphone installierten Anwendungen überprüfen. "Verbinden mit WiFi-Dongle" Siehe auf Seite 22. ■ Wi-Fi Dongle und OTG-Adapter werden separat verkauft.	
7 Test Monitor Ausgang	Anschluss zum Testen der Videoausgabe. Verwenden Sie das Test Monitor Kabel, um ein tragbares Anzeigegerät anzuschließen und das Videobild zu testen.	
8 Zoom-/Fokusregler-Schaltfläche	T	Vergrößern (Tele)
	W	Verkleinern (breit)
	N	Scharfeinstellung eines nahen Objekts (nah)
	F	Scharfeinstellung eines entfernten Objekts (fern)
	Fokusregler	Diese Schaltfläche für die automatische Fokusreglung drücken.

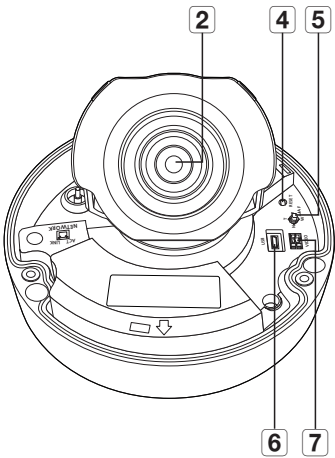
AUF EINEN BLICK (XNV-L6080/L6080R)

Aufbau

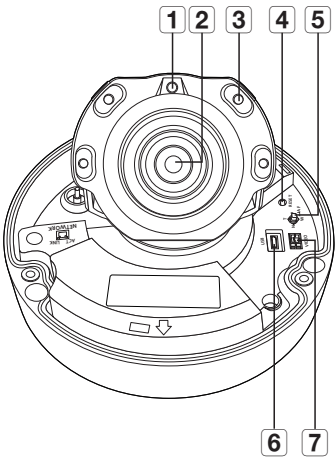


Bezeichnung	Beschreibung
1 Abdeckklappe	Gehäuseabdeckung zum Schutz des Objektivs und der Haupteinheit.
2 Kamera-Gehäuse	Teil des Kameragehäuses.

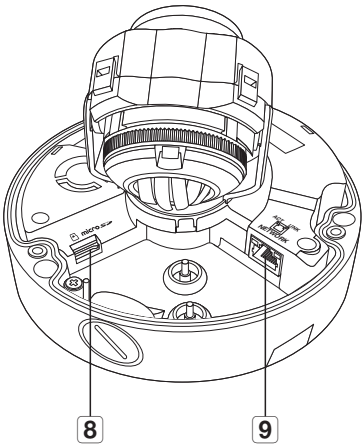
Komponenten



<XNV-L6080>



<XNV-L6080R>



Item		Description
1	Beleuchtungssensor	Erkennt das einfallende Licht, und steuert die Infrarot-LED.
2	Objektiv	Kameraobjektiv.
3	IR LED	Diese infrarot LEDs werden über den Beleuchtungssensor gesteuert.
4	Reset-Taste	Diese Taste setzt alle Kameraeinstellungen auf die Werkseinstellungen zurück. Drücken und 5 Sekunden gedrückt halten, um das System neu zu starten. ■ Wenn Sie die Kamera zurücksetzen, werden die Netzwerkeinstellungen so eingestellt, dass DHCP aktiviert sein kann. Wenn im Netzwerk kein DHCP-Server vorhanden ist, muss das Programm Device Manager ausgeführt werden, um die grundlegenden Netzwerkeinstellungen, wie IP-Adresse, Subnetzmaske, Gateway, etc. zu ändern, bevor es möglich ist, sich mit dem Netzwerk zu verbinden.
5	Zoom-/Fokusregler-Schaltfläche	T Vergrößern (Tele)
		W Verkleinern (breit)
		N Scharfeinstellung eines nahen Objekts (nah)
		F Scharfeinstellung eines entfernten Objekts (fern)
		Fokusregler Diese Schaltfläche für die automatische Fokusreglung drücken.
6	MICRO USB Port	Port für den Anschluss von WiFi-Dongles. Sie können das Installationsvideo über die auf dem Smartphone installierten Anwendungen überprüfen. "Verbinden mit WiFi-Dongle" Siehe auf Seite 22. ■ WiFi Dongle und OTG-Adapter werden separat verkauft.
7	Test Monitor Ausgang	Anschluss zum Testen der Videoausgabe. Verwenden Sie das Test Monitor Kabel, um ein tragbares Anzeigegerät anzuschließen und das Videobild zu testen.
8	Micro SD-Speicherkartenfach	Fach für die Micro SD-Speicherkarte.
9	PoE-Stecker	Verbindet das Netzwerk und liefert Strom über ein Ethernet-Kabel.

INSTALLATION (XND-L6080R)

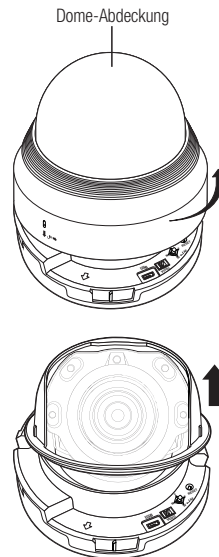
Bevor Sie mit der Installation beginnen

Bitte lesen Sie die folgenden Anweisungen, bevor Sie die Kamera installieren:

- Sie muss an einer Stelle (Decke oder Wand) installiert werden, die fünf (5) Mal das Gewicht der Kamera zusammen mit der Halterung tragen kann.
- Verklemmte Kabel oder ein abgelöster Kabelschutz können zu Schäden an dem Produkt und Brandgefahr führen.
- Halten Sie aus Sicherheitsgründen andere Personen von dem Ort der Kamerainstallation fern. Achten Sie darauf, dass sich in der Nähe der Kamerainstallation keine Gegenstände des Personals befinden.
- Wird während der Installation des Produkts übermäßige Kraft angewendet, wird die Kamera aufgrund von Fehlfunktionen möglicherweise beschädigt. Das Erzwingen der Montage mit nicht-konformen Werkzeugen kann das Produkt beschädigen.

Demontage

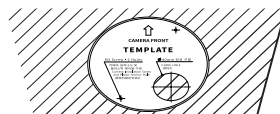
1. Um sie zu trennen den Kameraboden mit einer Hand halten und mit der anderen Hand den Kameradeckel gegen den Uhrzeigersinn drehen.



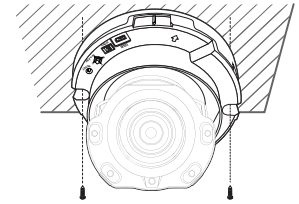
2. Den inneren Deckel heben, um sie zu trennen.

Installation

1. Befestigen Sie die Installationsvorlage unter Berücksichtigung der Überwachungsrichtung und bohren Sie ein Loch, um die Vorlage anzupassen.
 - Die <↑> Markierung, die auf der Kamera aufgedruckt ist, so festlegen, dass sie der Kamerarichtung zur Überwachung gegenüberliegt.



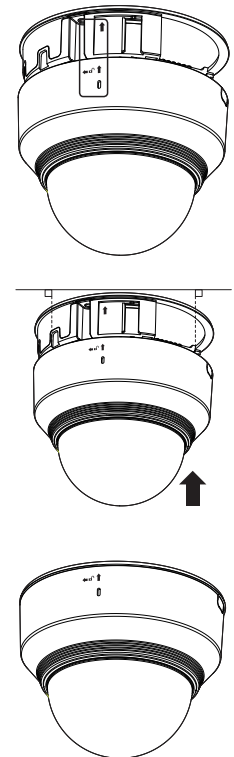
2. Verwenden Sie die mitgelieferte Schneidschraube, um die Kamera im Loch zu befestigen.
3. Das kamerainterne Terminal mit dem entsprechenden Kabel verbinden.
4. Stellen Sie das Objektiv in eine gewünschte Richtung ein, indem Sie den Abschnitt „Überwachungsrichtung der Kamera einstellen“ nachsehen. (Seite 20)



- ! ■ Wir empfehlen, die Kameralinse nicht zu berühren, da diese während der Herstellung korrekt fokussiert wurde. Falls Sie sie berühren, kann der Fokus der Linse verändert oder diese verunreinigt werden.

5. Bitte schließen Sie die innere Decke an den Hauptteil an.
6. Während Sie die Unterseite der Kamera mit der Hand greifen, bitte drücken Sie ihre Abdeckung mit der anderen Hand, so dass sie mit den zwei Pfeil-Symbolen ausgerichtet wird, wie es in der Abbildung angezeigt wird.

- ! ■ Beim Anschließen der Kuppelabdeckung die Pfeile ausrichten und senkrecht zum Grundkörper anschließen. Wenn die Kuppelabdeckung nicht richtig angeschlossen ist, kann dies zu einer Verformung der Haube um das Objektiv führen, was eine gestreute Reflexion zur Folge hat. Sichern Sie die Kuppelhaube fest. Wenn die Kuppelabdeckung nicht umgekehrt wurde oder nicht ordnungsgemäß montiert wurde, könnte es eine gestreute Reflexion sein, oder die Teile um die Linse herum könnten sich bewegen und eine Veränderung im Schließstand verursachen.
- Stellen Sie sicher, dass die Kuppelabdeckung korrekt mit dem unteren Teil verbunden ist, wie in der Abbildung angezeigt. Wenn der Schnapphaken nicht korrekt eingerastet ist, könnte die Kuppelabdeckung herunterfallen. Dies könnte zu einer Verletzung führen.



INSTALLATION (XND-L6080RV/L6080V)

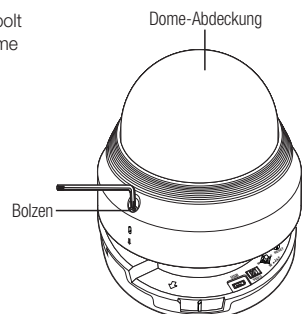
Bevor Sie mit der Installation beginnen

Bitte lesen Sie die folgenden Anweisungen, bevor Sie die Kamera installieren:

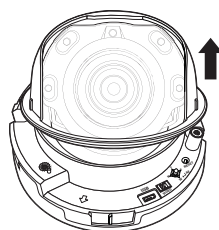
- Sie muss an einer Stelle (Decke oder Wand) installiert werden, die fünf (5) Mal das Gewicht der Kamera zusammen mit der Halterung tragen kann.
- Verklemmte Kabel oder ein abgelöster Kabelschutz können zu Schäden an dem Produkt und Brandgefahr führen.
- Halten Sie aus Sicherheitsgründen andere Personen von dem Ort der Kamerainstallation fern. Achten Sie darauf, dass sich in der Nähe der Kamerainstallation keine Gegenstände des Personals befinden.
- Wird während der Installation des Produkts übermäßige Kraft angewendet, wird die Kamera aufgrund von Fehlfunktionen möglicherweise beschädigt. Das Erzwingen der Montage mit nicht-konformen Werkzeugen kann das Produkt beschädigen.

Demontage

1. Use the supplied L wrench to loosen the dome cover fastening bolt by turning it in a counterclockwise direction, and remove the dome cover.

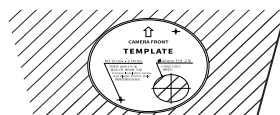


2. Den inneren Deckel heben, um sie zu trennen.

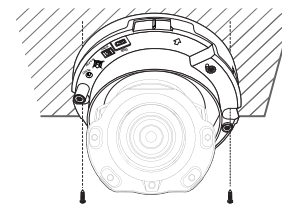


Installation

1. Befestigen Sie die Installationsvorlage unter Berücksichtigung der Überwachungsrichtung und bohren Sie ein Loch, um die Vorlage anzupassen.
 - Die < > Markierung, die auf der Kamera aufgedruckt ist, so festlegen, dass sie der Kamerarichtung zur Überwachung gegenüberliegt.



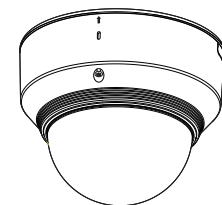
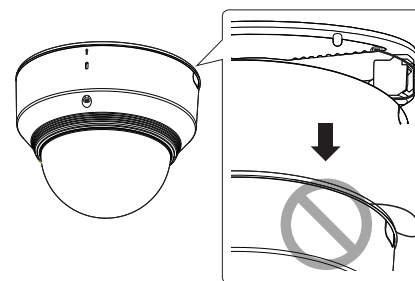
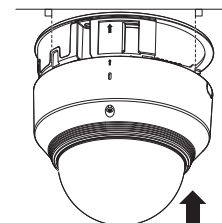
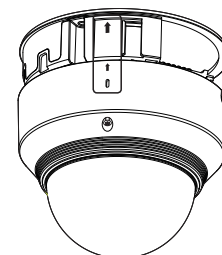
2. Verwenden Sie die mitgelieferte Schneidschraube, um die Kamera im Loch zu befestigen.
3. Das kamerainterne Terminal mit dem entsprechenden Kabel verbinden.
4. Stellen Sie das Objektiv in eine gewünschte Richtung ein, indem Sie den Abschnitt „Überwachungsrichtung der Kamera einstellen“ nachsehen. (Seite 20)



- ! ■ Wir empfehlen, die Kameralinse nicht zu berühren, da diese während der Herstellung korrekt fokussiert wurde. Falls Sie sie berühren, kann der Fokus der Linse verändert oder diese verunreinigt werden.

5. Bitte schließen Sie die innere Decke an den Hauptteil an.
6. Ergreifen Sie den unteren Teil der Kamera mit einer Hand und die Abdeckung mit der anderen Hand, richten Sie die Pfeile aus und montieren Sie sie mit dem Hex-Schlüssel.

- ! ■ Beim Anschließen der Kuppelabdeckung die Pfeile ausrichten und senkrecht zum Grundkörper anschließen. Wenn die Kuppelabdeckung nicht richtig angeschlossen ist, kann dies zu einer Verformung der Haube um das Objektiv führen, was eine gestreute Reflexion zur Folge hat. Sichern Sie die Kuppelhaube fest. Wenn die Kuppelabdeckung nicht umgekehrt wurde oder nicht ordnungsgemäß montiert wurde, könnte es eine gestreute Reflexion sein, oder die Teile um die Linse herum könnten sich bewegen und eine Veränderung im Schießstand verursachen.
- Stellen Sie sicher, dass die Kuppelabdeckung korrekt mit dem unteren Teil verbunden ist, wie in der Abbildung angezeigt. Wenn der Schnapphaken nicht korrekt eingerastet ist, könnte die Kuppelabdeckung herunterfallen. Dies könnte zu einer Verletzung führen.
- Beim Zusammenbau der Kamera Haube darauf achten, dass der Sicherheitsdraht nicht zwischen der Haube und der Kamera hängen bleibt. Dies führt zu IR-gestreuter Reflexion.



INSTALLATION (XNO-L6080R)

- ! Diese Kamera ist wasserdicht und entspricht den IP66-Spezifikationen, allerdings trifft das nicht auf die an das äußere Kabel angeschlossene Buchse zu. Es wird eine Produktinstallation unter der Traufenkante empfohlen, damit eine äußerliche Freilegung des Kabels unterbunden wird.

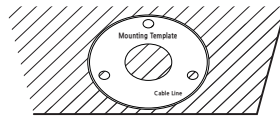
Bevor Sie mit der Installation beginnen

Bitte lesen Sie die folgenden Anweisungen, bevor Sie die Kamera installieren:

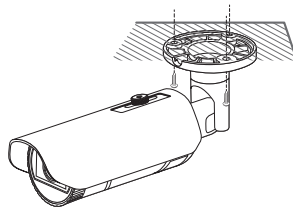
- Sie muss an einer Stelle (Decke oder Wand) installiert werden, die fünf (5) Mal das Gewicht der Kamera zusammen mit der Halterung tragen kann.
- Verklemmte Kabel oder ein abgelöster Kabelschutz können zu Schäden an dem Produkt und Brandgefahr führen.
- Halten Sie aus Sicherheitsgründen andere Personen von dem Ort der Kamerainstallation fern. Achten Sie darauf, dass sich in der Nähe der Kamerainstallation keine Gegenstände des Personals befinden.
- Sonnenschutzloch nicht für andere Zwecke als zum Anschließen der Sonnenblende verwenden.
- Wenn Sie bei der Installation des Gerätes zu viel Kraft verwenden, kann es zu Beschädigungen und Fehlfunktionen der Kamera kommen.
- Wenn Sie das Produkt mit Gewalt und nicht konformen Werkzeugen installieren, kann das Produkt beschädigt werden.

Installation

1. Befestigen Sie die Installationsvorlage unter Berücksichtigung der Überwachungsrichtung und bohren Sie ein Loch, um die Vorlage anzupassen.

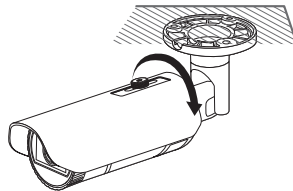


2. Verwenden Sie die mitgelieferte Schneidschraube, um die Kamera im Loch zu befestigen.
3. Die entsprechenden Kabel mit den Kameraanschlüssen verbinden.



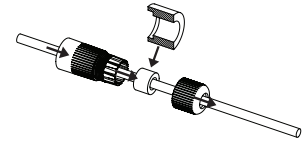
4. Die Kamerarichtung mit dem gelieferten L-Schraubenschlüssel einstellen.

- ! Wird die Kameraposition mit einem Halter eingestellt, bitte die Schraube vom Halter lockern, die Kamera einstellen und Schraube wieder anziehen. Sollten Sie versuchen, während die Schraube fest angezogen ist, die Einstellung mittels Kraftaufwand vorzunehmen, kann es Kratzer oder andere Probleme geben.

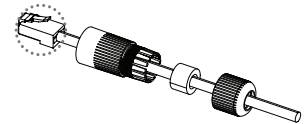


So verbinden Sie das wasserdichte RJ45-Kabel mit einem LAN-Kabel

1. Schieben Sie es in Pfeilrichtung durch.

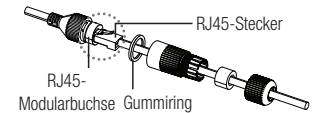


2. Verbinden Sie den LAN-Stecker mit dem Kabel.

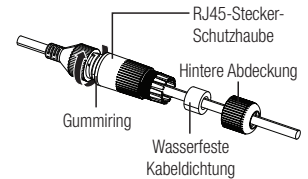


3. Verbinden Sie die RJ45-Modularbuchse mit dem RJ45-Stecker.

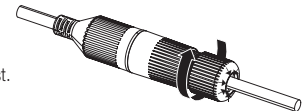
- ! Halten Sie bitte jeden Teil getrennt von einander.



4. Montieren durch Drehen der RJ45-Modularbuchse und der Schutzklappe im Uhrzeigersinn (dem Pfeil folgen).



5. Montieren durch Drehen der RJ45-Schutzhaube und der hinteren Abdeckung im Uhrzeigersinn (dem Pfeil folgen).
e hintere Abdeckung montiert, wird die wasserfeste Dichtung des Kabels fest an dem Kabel angebracht, damit das Kabel wasserdicht ist.



- ! Sie müssen es vollständig montieren, um die hintere Abdeckung bis zum Ende des Gewindes des RJ45-Steckers zu drehen.

Einbau im Außenbereich

Wird die Installation außerhalb des Gebäudes vorgenommen, ist sie mit einem Butylisolerband (im Handel erhältlich) wasserundurchlässig zu machen, damit das Wasser nicht vom an die Außenseite angeschlossenen Kabelspalt auslaufen kann.

1. Mit PoE-Kabel verbinden.
2. Die schwarze Kabelummantelung (Bereich A) und den Kabelanschlussbereich mit dem wasserundurchlässigen (Butylisoler-) Band so umwickeln, dass mehr als die Hälfte des Butylisolerbandes überlappt wird.



- ! Sollte die Kabelummantelung nicht richtig wasserundurchlässig sein, kann das zu einer unmittelbaren Undichtigkeit führen. Stellen Sie sicher, dass das Kabel dicht mit einem Klebeband geschützt ist.
- Das wasserdichte Butylklebeband besteht aus Butylkautschuk und kann auf das Doppelte seiner normalen Länge ausgedehnt werden.

INSTALLATION (XNV-L6080/L6080R)



- Diese Kamera ist wasserdicht und entspricht den IP66-Spezifikationen, allerdings trifft das nicht auf die an das äußere Kabel angeschlossene Buchse zu. Es wird eine Produktinstallation unter der Traufenkante empfohlen, damit eine äußerliche Freilegung des Kabels unterbunden wird.

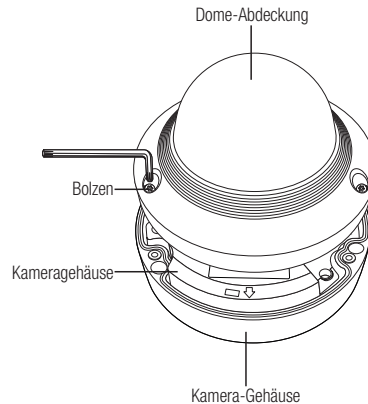
Bevor Sie mit der Installation beginnen

Bitte lesen Sie die folgenden Anweisungen, bevor Sie die Kamera installieren:

- Sie muss an einer Stelle (Decke oder Wand) installiert werden, die fünf (5) Mal das Gewicht der Kamera zusammen mit der Halterung tragen kann.
- Verklemmte Kabel oder ein abgelöster Kabelschutz können zu Schäden an dem Produkt und Brandgefahr führen.
- Halten Sie aus Sicherheitsgründen andere Personen von dem Ort der Kamerainstallation fern. Achten Sie darauf, dass sich in der Nähe der Kamerainstallation keine Gegenstände des Personals befinden.
- Wird während der Installation des Produkts übermäßige Kraft angewendet, wird die Kamera aufgrund von Fehlfunktionen möglicherweise beschädigt. Das Erzwingen der Montage mit nicht-konformen Werkzeugen kann das Produkt beschädigen.

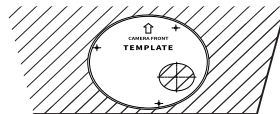
Demontage

1. Lösen Sie mit Hilfe des L-förmigen Schraubenschlüssels die Befestigung der Kuppelabdeckung, indem Sie diesen gegen den Uhrzeigersinn drehen, und nehmen Sie anschließend die Kuppelabdeckung ab.

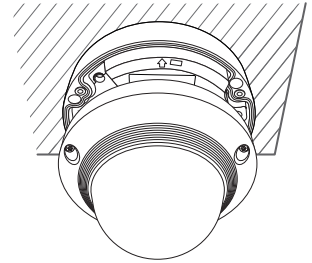


Installation

1. Befestigen Sie die Installationsvorlage unter Berücksichtigung der Überwachungsrichtung und bohren Sie ein Loch, um die Vorlage anzupassen.
 - Die <↑> Markierung, die auf der Kamera aufgedruckt ist, so festlegen, dass sie der Kamerarichtung zur Überwachung gegenüberliegt.

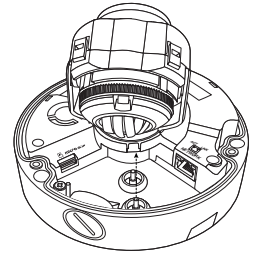


2. Führen Sie den mitgelieferten Plastikanker bis zum Ende ein.
3. Bringen Sie das untere Loch sowie das Ankerloch übereinander. Setzen Sie anschließend die Schneidschraube ein und befestigen Sie diese.
4. Verbinden Sie und ordnen Sie die benötigten Kabel sorgfältig, andernfalls werden sie während der Installation beschädigt oder verdreht.
5. Stellen Sie das Objektiv in eine gewünschte Richtung ein, indem Sie den Abschnitt „Überwachungsrichtung der Kamera einstellen“ nachsehen. (Seite 20)
6. Die Dome-Abdeckung schließen.
 - Befestigen Sie die Bestigungsschrauben sicher mithilfe des Inbusschlüssels, damit kein Wasser eindringen kann.

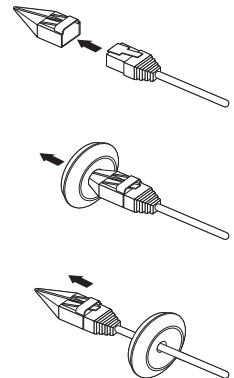


Anschließen des LAN-Kabels

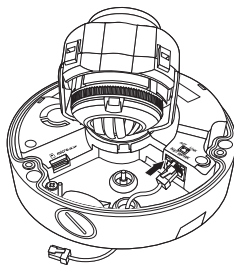
1. Die Dome-Abdeckung und den Behälter entfernen.
2. Das lange herausragende Teil des Gummistopfen am Boden herausziehen und, wie in der Abbildung dargestellt, entfernen.
3. Ziehen Sie die Gummiabdeckung über das Loch, um sie zu entfernen.



4. Verwenden Sie die Installationsvorrichtung für Kappen, um das RJ45-Kabel durchzuführen.



5. Führen Sie den Gummistopfen erneut ein und verbinden Sie das LAN-Kabel mit dem Ethernet-Anschluss.



Anbindung an den entbündelten Anschluss

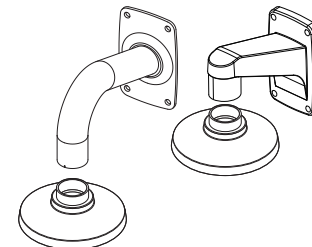
Wählen Sie eine der Optionen (entbündelt) aus und kaufen Sie was für den Ort der Installation oder Ihr Komfort notwendig ist.

1. Die Dome-Abdeckung vom Behälter entfernen, wir verweisen diesbezüglich auf den Abschnitt **„Demontage“**. (Seite 18)
2. Verwenden Sie die mitgelieferte Maschinenschraube, um die Kamera bei den entbündelten Adapter zu befestigen.
3. Verbinden Sie und ordnen Sie die benötigten Kabel sorgfältig, andernfalls werden sie während der Installation beschädigt oder verdreht.
4. Installieren Sie das Kameragehäuse in umgekehrter Reihenfolge der **„Demontage“**.
5. Stellen Sie das Objektiv in eine gewünschte Richtung ein, indem Sie den Abschnitt **„Überwachungsrichtung der Kamera einstellen“** nachsehen. (Seite 20)
6. Die Dome-Abdeckung schließen.
 - Befestigen Sie die Bestigungsschrauben sicher mithilfe des Inbusschlüssels, damit kein Wasser eindringen kann.

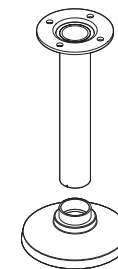
Optionales Zubehör für die Installation

Damit sich die Installation einfacher gestaltet, können Sie das entsprechende optionale Zubehör kaufen.

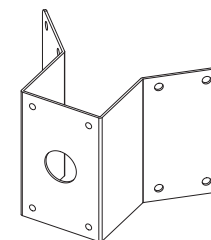
1. WANDADAPTER (SBP-300WM oder SBP-300WM1) / HÄNGEADAPER (XND-L6080R/L6080RV/L6080V : SBP-300HMB, XNV-L6080/L6080R : SBP-300HM6)
Dabei handelt es sich um einen Adapter, der zur Montage der Kuppelkamera an einer Wand verwendet wird.



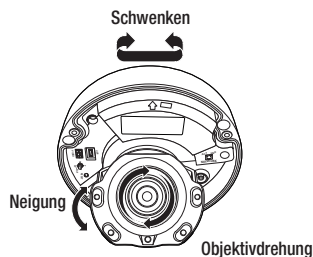
2. DECKENADAPTER (SBP-300CM) / HÄNGEADAPTER (XND-L6080R/L6080RV/L6080V : SBP-300HMB, XNV-L6080/L6080R : SBP-300HM6)
Dabei handelt es sich um einen Adapter, der zur Montage der Kuppelkamera an einer Betondecke verwendet wird.



3. ECKADAPTER (SBP-300KM)
Dabei handelt es sich um einen WANDADAPTER (SBP-300WM oder SBP-300WM1), der zur Installation in einer Wandecke verwendet wird.



Überwachungsrichtung der Kamera einstellen (XND-L6080R/L6080RV/L6080V, XNV-L6080/L6080R)



Anpassen der Überwachungsrichtung

Sie können die Richtung der Kamera nur einstellen, wenn die Kamera an der Decke befestigt ist. Wobei das Drehen der Kamera nach links oder rechts Schwenken, die Einstellung der Neigung Neigen und das Drehen des Objektivs um seine Achse Drehen genannt wird.

- Der effektive Pan-Bereich ist insgesamt 354° Grad.
- Der effektive Rotationsbereich ist insgesamt 355° Grad.
- Der effektive Neigebereich ist insgesamt 67° Grad.

- ! Das Bild kann, je nach Winkel, von der Kameratasche abgedeckt werden.
- Das Fokus-/Zoom-Objektiv nicht gewaltsam drehen, nachdem das Objektivgehäuse auseinandermontiert wurde. Ansonsten kann es aufgrund eines Motorfehlers zu einer unkorrekten Bildscharfeinstellung kommen.

Anpassungsmethode

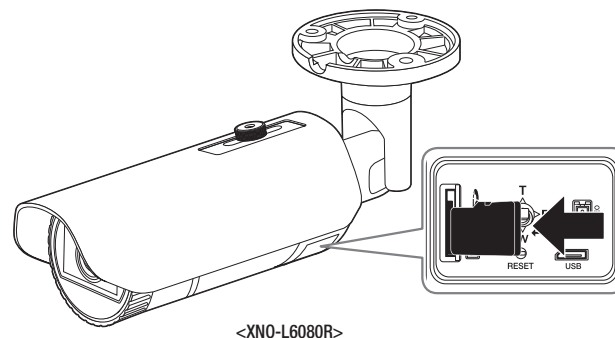
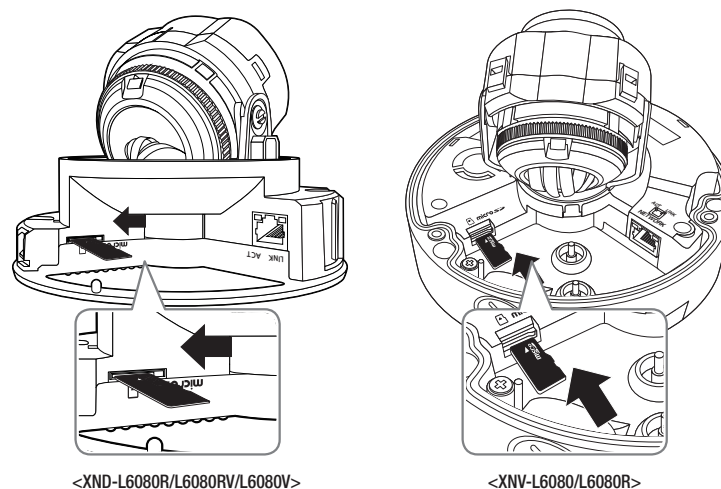
1. Passen Sie den Schwenkwinkel nach Installation der Kamera unter Erwägung der zu überwachenden Richtung an.
2. Den horizontalen Winkel so festlegen, dass das Bild nicht umgedreht ist.
3. Stellen Sie danach den Neigungswinkel so ein, dass die Kamera die Überwachungsrichtung blickt.

EINLEGEN/HERAUSNEHMEN EINER MICRO SD-SPEICHERKARTE

- ! Das Netzkabel von der Kamera abtrennen, bevor die Micro SD-Speicherkarte eingelegt wird.
- Die Micro SD-Speicherkarte nicht mit Gewalt einlegen. Prüfen, ob die Karte richtig herum eingelegt wird. Ansonsten kann die Micro SD-Speicherkarte beschädigt werden.
- Bei Regen oder hoher Luftfeuchtigkeit empfiehlt es sich nicht, die Micro-SD-Karte einzulegen oder zu entfernen.
- Der Ausbau des Produktdeckels sollte innerhalb von 5 Minuten abgeschlossen sein, sonst besteht die Gefahr der Innenkondensation von Tau.

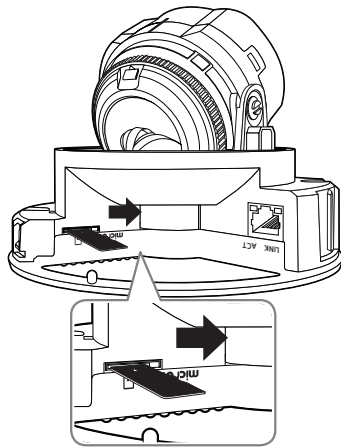
Einlegen einer Micro SD-Speicherkarte

1. Eine Micro-SD-Karte in Pfeilrichtung einlegen, siehe Abbildung.

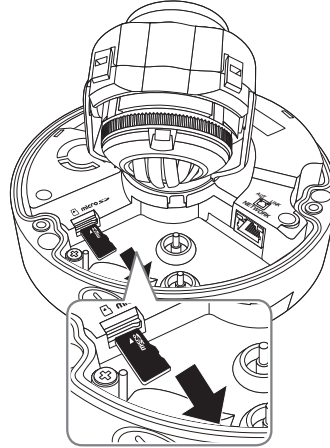


Herausnehmen einer Micro SD-Speicherkarte

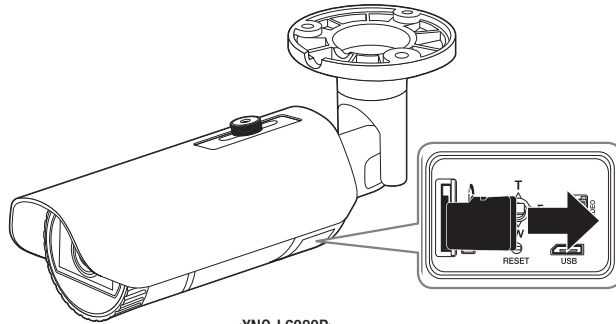
Drücken Sie leicht am ungeschützten Ende der Speicherkarte, wie im Schaubild zu sehen, um die Speicherkarte aus dem Steckplatz auszuwerfen.



<XND-L6080R/L6080RV/L6080V>



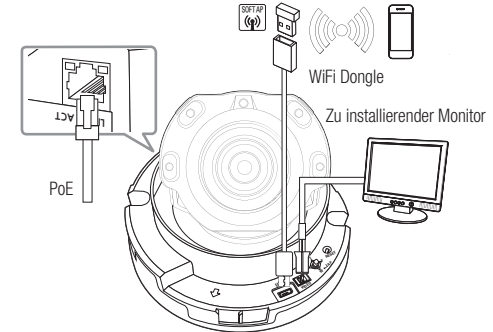
<XNV-L6080/L6080R>



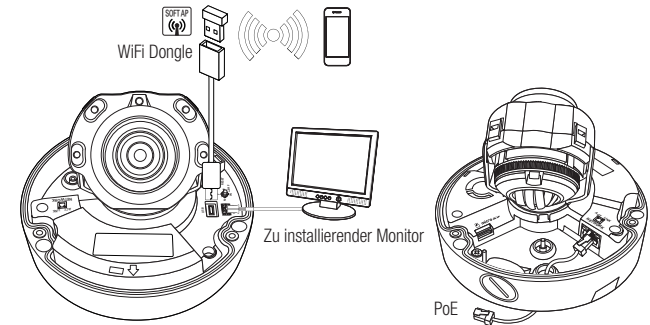
<XNO-L6080R>

- Geben Sie acht, da die Micro-SD-Karte plötzlich herausspringen könnte, falls Sie hart darauf drücken und wieder freigeben, wodurch sie aus der Kamera entfernt wird.
- Before removing the Micro SD memory card, in <Speicherkapazität>, set the device to <Off> and press the [Übernehmen] button and turn the camera off.
- Wenn Sie die Kamera ausschalten oder die Micro SD-Speicherkarte mit Produktdaten entfernen, gehen Daten möglicherweise verloren oder werden beschädigt.

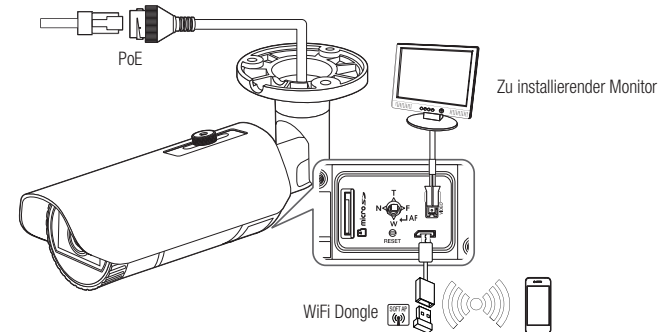
ANSCHLUSS AN ANDERE GERÄTE



<XND-L6080R/L6080RV/L6080V>



<XNV-L6080/L6080R>



<XNO-L6080R>

- 
- Der CVBS-Ausgang des Produkts wurde zur einfacheren Installation bereitgestellt und dient keinen Überwachungszwecken.
 - Der Micro USB-Ausgang des Produkts wurde zur einfacheren Installation bereitgestellt und dient keinen Überwachungszwecken.
 - Dieses Produkt enthält eine zusätzliche feuchtigkeitsbeständige Komponente, um eine Kondensation zu vermeiden. Aufgrund der Produkteigenschaften kann sich beim Einschalten des Geräts Kondenswasser bilden, welches nach etwa zwei bis drei Stunden verschwindet.

Ethernet-Verbindung

Verbinden Sie das Ethernetkabel mit dem lokalen Netzwerk oder dem Internet.

WLAN-Verbindung

Kameraeinstellung

1. Schließen Sie den OTG-Adapter (5 Stifte) und den WiFi Dongle an den Mikro-USB-Anschluss an.

Smartphone-Einrichtung

1. Installieren Sie die Wisenet Installation Anwendung.
2. Wählen Sie die SSID-Kamera nach dem Einschalten des WiFi.
3. Führen Sie die Wisenet Installationsanwendung aus.
4. Wenn Sie sich bei der Kamera anmelden, wird das Video verbunden (Anfang passwort: 4321)
 - Das Video wird abgespielt, ohne bei der ersten Verbindung angemeldet zu sein.
5. Der Kamerawinkel kann während Sie das Video über das Smartphone betrachten angepasst werden,

Empfohlener Dongle-Hersteller

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

Stromversorgung und Vernetzung

Verbinden Ihres PoE-Geräts mit der Kamera.

- 
- Stellen Sie eine Verbindung mit einem PoE-aktivierten (Power over Ethernet) Router-PoE-Anschluss her.
 - Verwenden Sie ein PoE (Power over Ethernet), welches die IEEE802.3af-Protokolle unterstützt.

Netzwerkkabel-Spezifikation

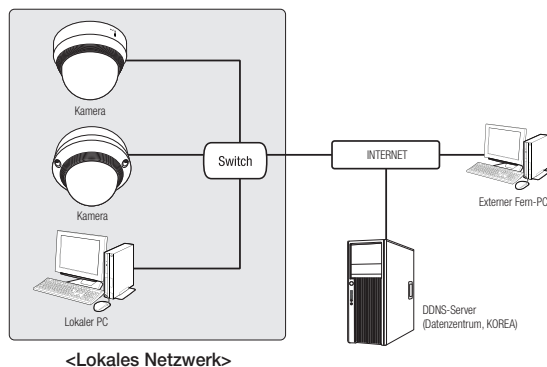
Artikel	Inhalte	Anmerkung
Stecker	RJ45	
Ethernet	10/100BASE-T	10/100 Mbps
Kabel	UTP Kategorie 5e	
Max. Entfernung	100M	Gleichstromwiderstand ≤ 0,188 Ω/m
PoE Support	IEEE 802.3af	

Sie können die Netzwerkeinstellungen gemäß Ihrer Netzwerkkonfigurationen einrichten.

DIREKTES VERBINDEN DER KAMERA AN DAS LAN

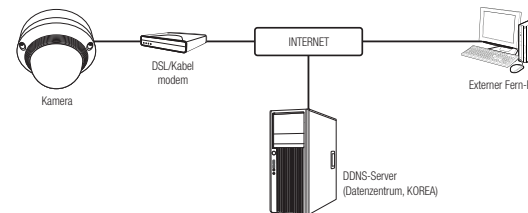
Anschluss an die Kamera von einem lokalen PC im LAN

1. Starten Sie einen Internetbrowser am lokalen PC.
2. Geben Sie die IP-Adresse der Kamera in die adressenleiste des browsers ein.



- Ein Fern-PC in einem externen Internetausgang des LAN Netzwerks kann eventuell die im Intranet installierte Kamera nicht ansteuern, wenn die Portweiterleitung nicht korrekt festgelegt oder eine Firewall eingestellt ist. Wenden Sie sich in dem Fall zur Lösung des Problems an Ihren Netzwerkadministrator.
- Im Device Manager kann das Initialpasswort „4321“ für die Einstellung von IP-Adresse, Subnetzmaske, Gateway, HTTP-Port, VNP-Port und IP-Typ verwendet werden. Nach Änderung der Netzwerk-Schnittstelle greifen Sie zwecks besserer Sicherheit auf den Webviewer zu und ändern Sie das Passwort.
- Standardmäßig wird die IP-Adresse vom DHCP-Server automatisch zugeteilt. Wenn keinen DHCP-Server verfügbar ist, wird die IP-Adresse auf 192.168.1.100 gesetzt. Zum Ändern der IP-Adresse den Device Manager verwenden. Für weitere Einzelheiten zur Verwendung des Device Manager, siehe „Verwenden des Device Manager“. (Seite 25)

VERBINDEN DER KAMERA DIREKT MIT EINEM DHCP BASIERTEN DSL/ KABELMODEM

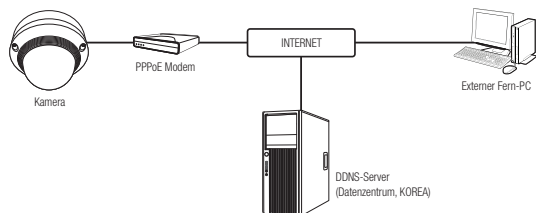


1. Den Benutzer-PC direkt mit der Netzwerkkamera verbinden.
2. Den Device Manager ausführen und die IP-Adresse der Kamera ändern, so dass Sie sich mit dem Webbrowser auf Ihrem Desktop mit dem Internet verbinden können.
3. Verwenden Sie den Webbrowser, um eine Verbindung mit dem Web Viewer herzustellen.
4. Gehen Sie weiter zur **[Setup]** Seite.
5. Gehen Sie weiter zum **[Netzwerk] – [DDNS]** und konfigurieren Sie die DDNS-Einstellungen.
6. Zu **[Basic] – [IP & Port]** navigieren und den IP-Typ auf **[DHCP]** einstellen.
7. Verbinden Sie die Kamera, die von Ihrem PC entfernt wurde, direkt mit dem Modem.
8. Starten Sie die Kamera erneut.



- Informationen für das Einrichten von DDNS finden Sie in der Online-Hilfe des WebViewer.
- Informationen für das Einrichten des IP-Formats finden Sie in der Online-Hilfe des WebViewer.

DIE KAMERA DIREKT MIT EINEM PPPoE-MODEM VERBINDEN

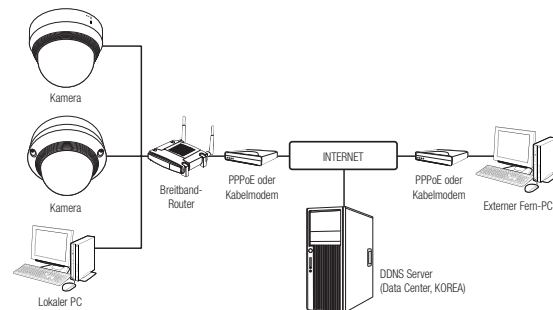


1. Den Benutzer-PC direkt mit der Netzwerkkamera verbinden.
2. Den Device Manager ausführen und die IP-Adresse der Kamera ändern, so dass Sie sich mit dem Webbrowser auf Ihrem Desktop mit dem Internet verbinden können.
3. Verwenden Sie den Webbrowser, um eine Verbindung mit dem Web Viewer herzustellen.
4. Gehen Sie weiter zur **[Setup]** Seite.
5. Gehen Sie weiter zum **[Netzwerk]** – **[DDNS]** und konfigurieren Sie die DDNS-Einstellungen.
6. Zu **[Basic]** – **[IP & Port]**-Setup-Seite navigieren und den IP-Typ auf **[PPPoE]** sowie die ID und das Passwort des Netzwerkdienstes eingeben.
7. Verbinden Sie die Kamera, die von Ihrem PC entfernt wurde, direkt mit dem Modem.
8. Starten Sie die Kamera erneut.

- Informationen für das Einrichten von DDNS finden Sie in der Online-Hilfe des WebViewer.
- Informationen für das Einrichten des IP-Formats finden Sie in der Online-Hilfe des WebViewer.

VERBINDEN DER KAMERA AN EINEN BREITBAND-ROUTER ÜBER DAS PPPoE/KABELMODEM

Das ist für eine kleine Netzwerkumgebung wie zum Beispiel Eigenheime, SOHO und gewöhnliche Geschäfte.



Konfigurieren der Netzwerkeinstellungen des an einen Breitband-Router

Befolgen Sie die nachfolgenden Anweisungen zur Konfiguration der Netzwerkeinstellungen des an einen Breitband-Router angeschlossenen lokalen PCs.

- Wählen Sie : **<Network>** → **<Properties>** → **<Local Area Connection>** → **<General>** → **<Properties>** → **<Internet Protocol (TCP/IP)>** → **<Properties>** → **<Obtain an IP address automatically>** oder **<Use the following IP address>**.
- Befolgen Sie die nachfolgenden Anweisungen bei der Auswahl von **<Use the following IP address>**:
 - bsp1) Wenn die Adresse (LAN IP)des Breitband-Routers 192.168.1.1 ist
IP-Adresse : 192.168.1.100
Subnetz Maske : 255.255.255.0
Standard Gateway : 192.168.1.1
 - bsp2) Wenn die Adresse (LAN IP)des Breitband-Routers 192.168.0.1 ist
IP-Adresse : 192.168.0.100
Subnetz Maske : 255.255.255.0
Standard Gateway : 192.168.0.1
 - bsp3) Wenn die Adresse (LAN IP)des Breitband-Routers 192.168.xxx.1 ist
IP-Adresse : 192.168.xxx.100
Subnetz Maske : 255.255.255.0
Standard Gateway : 192.168.xxx.1

- Sehen Sie bezüglich der Adresse des Breitband-Routers in der Dokumentation des Gerätes nach.
- Für weitere Informationen über die Portweiterleitung des Breitband Routers, bitte unter **"Portbereichweiterleitung Konfigurieren (Port Mapping)"** nachschlagen. (Seite 27)

VERWENDEN DES DEVICE MANAGER



- Das Programm Device Manager kann heruntergeladen werden im Menü <Technical Guides> – <Online Tool> auf der Hanwha Techwin Webseite (<http://www.hanwha-security.com>).
- Weitere Anweisungen zum Device Manager finden sich im Menü <Hilfe> auf der Hauptseite.

AUTOMATISCHE SUCHE DER KAMERA

Wenn eine Kamera mit dem selben Netzwerk des PCs, auf dem der Device Manager installiert ist, verbunden ist, kann die Netzwerkkamera mit der Suchfunktion gefunden werden.

1. Auf der Hauptseite des Device Manager auf <Suchen> klicken.
2. Die Kamera in der Liste auswählen.
 - Die MAC-Adresse auf dem Aufkleber an der Kamera prüfen.

KONFIGURIEREN DER IP-ADRESSE

Wenn Sie die Netzwerkeinstellung der Kamera ändern möchten, muss das Symbol <Login OK> unter <Status> angezeigt werden. Zum Anmelden auf der Hauptseite auf <Authentifizierung> klicken.

Konfigurieren der statischen IP

IP-Adresse und Port-Informationen manuell eingeben und konfigurieren.

1. In der Liste auf die Kamera klicken, von der die IP-Einstellungen geändert werden sollen.
2. Auf der Hauptseite des Device Manager auf <IP Assign (IP zuweisen)> klicken.
3. <Die folgende IP-Adresse zuweisen.> auswählen.
 - Die IP-Informationen der Kamera werden wie zuvor eingestellt angezeigt.
4. IP & Port in die entsprechenden Felder eingeben.

Wenn Sie keinen Breitband-Router verwenden

Den Administrator des Netzwerks nach den Werten für <IP-Adresse>, <Subnetzmaske> und <Gateway> fragen.

- HTTP Port : Zum Zugriff auf die Kamera über den Internetbrowser. Standardmäßig ist der Wert 80 eingestellt.
- VNP Port : Wird verwendet, um die Videosignalübertragung zu steuern. Der Standardwert lautet 4520.
- RTSP Port: Ein Port, der das Echtzeit-Streaming steuert. Der Initialwert ist 554.

Bei Verwendung eines Breitband-Routers

- IP Address : Geben Sie eine Adresse ein, die sich im IP-Bereich des Breitband-Routers befindet.
bsp) 192.168.1.2~254, 192.168.0.2~254, 192.168.XXX.2~254
- Subnet Mask : Die <Subnet Mask> des Breitband-Routers ist ebenfalls die <Subnet Mask> der Kamera.
- Gateway : Die <Local IP Address> des Breitband-Routers ist das <Gateway> der Kamera.



- Die Netzwerkeinstellungen können sich je nach verbundenem Breitband-Router modell unterscheiden. Für mehr Informationen, lesen Sie im Benutzerhandbuch des Routers nach.
- Für weitere Informationen über die Portweiterleitung des Breitband Routers, bitte unter "Portbereichweiterleitung Konfigurieren (Port Mapping)" nachschlagen. (Seite 27)

Wenn mehrere Kameras mit dem Breitband-Router verbunden sind

Konfigurieren Sie die IP- und Port-Einstellungen für jede Kamera einzeln und in Übereinstimmung mit den anderen.

bsp)

Kategorie		Kamera #1	Kamera #2
IP-Einstellungen	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
Port-Einstellungen	HTTP Port	8080	8081
	VNP Port	4520	4521
	RTSP Port	554	555



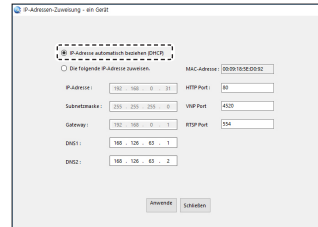
- Wenn der Wert des <HTTP port> nicht 80 ist, müssen Sie die <Port>-Nummer in die Internetadresszeile eingeben, bevor Sie auf die Kamera zugreifen können.
bsp) http://IP-Adresse: HTTP-Port
http://192.168.1.100:8080
5. Auf die Schaltfläche [Anwenden] klicken.
 6. Wenn die Erfolgsmeldung erscheint, auf [OK] klicken.

Konfigurieren der dynamischen IP

IP-Adresse vom DHCP-Server beziehen.

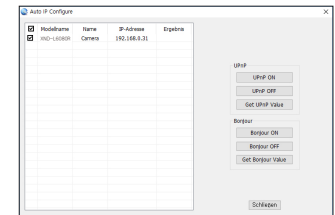
- Beispiel einer dynamischen IP-Umgebung
 - Wenn einem Breitband-Router, mit dem Kameras verbunden sind, eine IP-Adresse von einem DHCP-Server zugewiesen wird
 - Wenn die Kamera direkt mit einem xDSL- oder Kabelmodem mithilfe eines DHCP-Protokolls verbunden wird
 - Wenn die IP-Adressen von dem internen DHCP-Server über eine LAN-Verbindung zugewiesen werden

1. In der Liste auf die Kamera klicken, von der die IP-Einstellungen geändert werden sollen.
2. Auf der Hauptseite des Device Manager auf **<IP Assign (IP zuweisen)>** klicken.
3. **<IP-Adresse automatisch beziehen (DHCP)>** auswählen.
4. Auf die Schaltfläche **[Anwenden]** klicken.
5. Wenn die Erfolgsmeldung erscheint, auf **[OK]** klicken.



AUTOMATISCHE KONFIGURATION DER IP

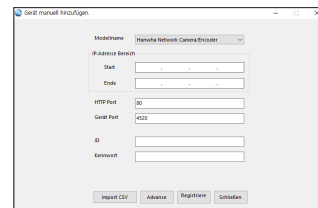
1. In der Liste auf die Kamera klicken, von der die IP automatisch konfiguriert werden soll.
2. Auf der Hauptseite des Device Manager auf **< + >** klicken.
 - Das Menü Equipment Setting erscheint.
3. Im Menü auf **<Auto IP Configure (Automatische IP-Konfiguration)>** klicken.
4. Auf die Schaltfläche **[Schließen]** klicken.



MANUELLES REGISTRIERUNG DER KAMERA

Wenn die Kamera mit der Suchfunktion nicht gefunden werden kann, kann die Kamera aus der Ferne registriert werden, indem die IP-Information manuell eingegeben werden, wenn die Kamera mit dem externen Netzwerk verbunden ist.

1. Auf **<Geräte hinzufügen>** – **<Gerät manuell hinzufügen>** auf der Hauptseite des Device Manager klicken.
2. Den Bereich der IP-Adresse, den Sie suchen, eingeben.
3. Den **<Modellname>** der Kamera, die Sie registrieren wollen, auswählen und HTTP Port, VNP-Port, ID und Passwort eingeben.
4. Auf die Schaltfläche **[Registrieren]** klicken.
5. Prüfen, ob die Kamera registriert ist.
 - Die MAC-Adresse auf dem Aufkleber an der Kamera prüfen.

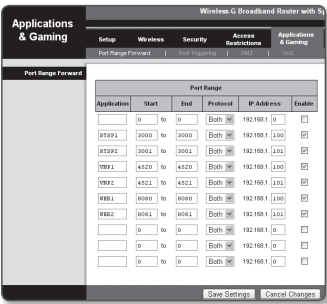


PORTBEREICHWEITERLEITUNG KONFIGURIEREN (PORT MAPPING)

Wenn Sie einen Breitband-Router mit verbundener Kamera installiert haben, müssen Sie die Weiterleitung des Portbereichs für den Breitband-Router einstellen, damit auch ein entfernter Computer auf die verbundene Kamera zugreifen kann.

Manuelle Portbereichweiterleitung

- 1. Wählen Sie aus dem Einstellungsmenü des Breitband-Routers **<Applications & Gaming>** - **<Port Range Forward>**. Für die Einstellung der Portbereichweiterleitung eines Breitband-Routers von einem anderen Anbieter lesen Sie die Bedienungsanleitung dieses Breitband-Routers.
- 2. Wählen Sie **<TCP>** und **<UDP Port>** für jede Kamera, die mit dem Breitband-Router verbunden ist. Jede Portnummer, die beim IP-Router eingestellt wird, sollte entsprechend der bei den **<Setup>** - **<Basic>** - **<IP & Port>** im Kamera-Web-Viewer festgelegten Portnummer übereinstimmen.
- 3. Wenn Sie fertig sind, klicken Sie auf **[Save Settings]**. Ihre Einstellungen werden gespeichert.

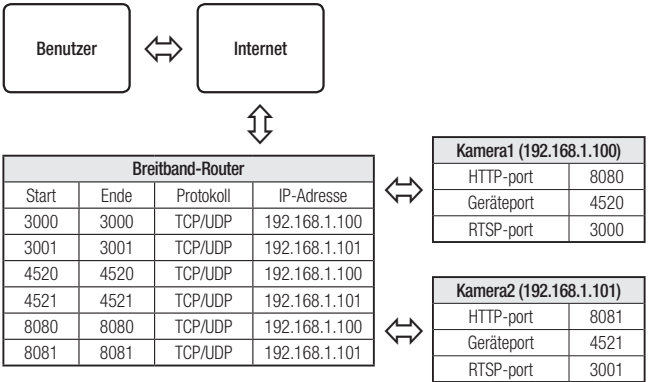


- Die Einstellung des Port-Forwarding wird am Beispiel der Einstellung eines CISCO IP-Routers gezeigt.
- Die Netzwerkeinstellungen können sich je nach Breitband-Routermodell unterscheiden. Für mehr Informationen, lesen Sie im Benutzerhandbuch des Routers nach.

Einstellen des Portweiterleitungsbereichs für mehrere Netzwerkkameras

- Sie können auf dem Breitband-Router-Gerät durch seine Webseitekonfiguration Portweiterleitung-Richtlinien setzen.
- Ein Benutzer kann jeden Port durch Verwendung des Kamera-Einstellungsbildschirms ändern.

Wenn Kamera 1 und Kamera 2 an einen Router angeschlossen sind :



- Die Port-Weiterleitung lässt sich ohne zusätzliche Router-Einstellung vornehmen, wenn der Router die UPnP (Universal Plug and Play) Funktion unterstützt. Nach dem Anschließen der Netzwerkkamera das Kontrollkästchen aus dem Menü **<Schnelle Verbindung>** in **<Wissenet-DDNS>** unter "Einstellungen -> Netzwerk -> DDNS" anticken.

VON EINEM GEMEINSAMEN LOKALEN PC EINE VERBINDUNG ZU DER KAMERA HERSTELLEN

1. Device Manager ausführen.
Es wird nach verbundenen Kameras gesucht und eine entsprechende Liste angezeigt.
2. Doppelklicken Sie auf eine Kamera, um auf sie zuzugreifen.
Der Internetbrowser wird gestartet und stellt eine Verbindung zu der Kamera her.



- Sie können ebenfalls auf die Kamera zugreifen, indem Sie die IP-Adresse der gefundenen Kamera in der Adresszeile des Internetbrowsers eingeben.

VON EINEM ENTFERNTEN PC EINE VERBINDUNG ZU DER KAMERA ÜBER DAS INTERNET HERSTELLEN

Auf einem entfernten Computer, der sich nicht im Netzwerk-Cluster des Breitband-Routers befindet, können Anwender auf Kameras im Netzwerk des Breitband-Routers durch die Verwendung der DDNS-URL der Kamera zugreifen.

1. Bevor Sie auf eine Kamera im Breitband-Routernetzwerk zugreifen können, sollten Sie die Portbereichweiterleitung für den Breitband-Router eingestellt haben.
2. Starten Sie den Internetbrowser auf dem entfernten Computer und geben Sie die DDNS-URL der Kamera oder die IP-Adresse des Breitband-Routers in die Adresszeile ein.
bsp) <http://ddns.hanwha-security.com/ID>

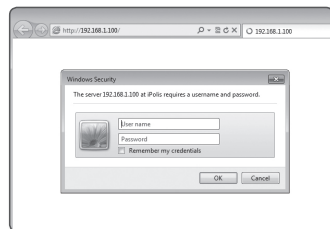


- Zur Verwendung von Wisenet DDNS auf der Wisenet DDNS Homepage anmelden (<http://ddns.hanwha-security.com>) und das Produkt unter **[Mein DDNS]>[Produkt registrieren]** registrieren.

VERBINDUNG MIT DER KAMERA

Sie würden, normalerweise

1. Starten Sie den Internetbrowser.
2. Die IP-Adresse der Kamera in die Adresszeile eingeben.
 bsp) • IP Adresse (IPv4) : 192.168.1.100 →
 http://192.168.1.100
 - Der Anmeldedialog sollte erscheinen.
 • IP Adresse (IPv6) : 2001:230:abcd:ffff:0000:0000:ffff:1111
 → http://[2001:230:abcd:ffff:0000:0000:ffff:1111] - Der
 Anmeldedialog sollte erscheinen.



Falls die Nummer des HTTP-Ports nicht 80 ist

1. Starten Sie den Internetbrowser.
2. Geben Sie in die Adressleiste des Browsers die IP-Adresse und die HTTP-Portnummer ein.
 bsp) IP Adresse: 192.168.1.100:HTTP-Portnummer(8080)
 → http://192.168.1.100:8080 - Der Anmeldedialog sollte erscheinen.

URL Benutzen

1. Starten Sie den Internetbrowser.
2. Geben Sie in die Adressleiste des Browsers die DDNS-URL-Adresse der Kamera ein.
 bsp) URL-Adresse: http://ddns.hanwha-security.com/ID
 - Der Anmeldedialog sollte erscheinen.



■ Die Netzwerkverbindung ist in der nur LAN-Umgebung deaktiviert.

Verbindung über UPnP

1. Das Kunden- oder Betriebssystem zur Unterstützung des UPnP-Protokolls ausführen.
2. Für die Suche den Kameranamen anklicken.
 Den Kameranamen, der aus dem Netzwerkmenü gesucht wurde, im Windows Betriebssystem anklicken.
 - Das Fenster Anmelden wird angezeigt.

Verbindung über Bonjour

1. Das Kunden- oder Betriebssystem zur Unterstützung des Bonjour- Protokolls ausführen.
2. Für die Suche den Kameranamen anklicken.
 Beim Mac-Betriebssystem den Kameranamen anklicken, der von der Bonjour Registerkarte von Safari gesucht wurde.
 - Das Fenster Anmelden wird angezeigt.

So überprüfen Sie die DDNS-Adresse

Wenn die Kamera direkt mit dem DHCP-Kabelmodem, DSL-Modem oder PPPoE-Modem verbunden ist, wird die IP-Adresse Ihres Netzwerks jedes Mal geändert, wenn Sie versuchen eine Verbindung mit dem ISP (Internetserviceanbieter) -Server aufzunehmen.

In diesem Fall werden Sie nicht über die durch DDNS geänderte IP-Adresse informiert.

Sobald Sie ein auf dynamischer IP basierendes Gerät beim DDNS-Server registrieren, können Sie die geänderte IP-Adresse einfach überprüfen, wenn Sie versuchen auf das Gerät zuzugreifen.

Um das Gerät auf dem <DDNS> Server zu registrieren, besuchen Sie bitte <http://ddns.hanwha-security.com>, registrieren Sie zuerst Ihr Gerät stellen Sie anschließend im Net Viewer unter <Netzwerk> - <DDNS> auf <Wisenet DDNS> und geben Sie ebenfalls die <Produkt-ID> ein, die Sie bei der DDNS-Registrierung verwendet haben.

PASSWORTEINSTELLUNG

Beim ersten Zugriff auf das Produkt, müssen Sie das Anmelde-Passwort registrieren. Beim Erscheinen des Fensters **"Passwort ändern"**, ein neues Passwort eingeben.



- Für ein neues Passwort mit 8 bis 9 Ziffern müssen Sie mindestens drei der Folgenden verwenden: Groß-/Kleinbuchstaben, Zahlen und Sonderzeichen. Für ein Passwort mit 10 bis 15 Ziffern müssen Sie mindestens zwei dieser Zeichentypen verwenden.
 - Zulässige Sonderzeichen sind: ~!@#\$%^&*()_+={}|~.~/
- Zur erhöhten Sicherheit wird empfohlen, nicht die gleichen Zeichen oder aufeinanderfolgende Eingaben der Tastatur zu wiederholen.
- Falls Sie Ihr Passwort vergessen haben, können Sie die Schaltfläche **[RESET]** drücken und das Produkt initialisieren. Verwenden Sie ein Memo-Pad oder merken Sie sich Ihr Passwort.

ANMELDEN

Immer, wenn Sie auf die Kamera zugreifen, wird das Anmeldefenster angezeigt. Geben Sie den Benutzernamen und das Passwort ein, um auf die Kamera zuzugreifen.

1. Geben Sie „**admin**“ in das **<User name>** Eingabefeld ein. Die Administrator ID, „**admin**“, kann nicht verändert werden.
2. Geben Sie das Passwort in dem Eingabefeld **<Password>** ein.
3. Klicken Sie auf **[OK]**. Wenn Sie sich erfolgreich angemeldet haben, werden Sie den Live Viewer Bildschirm sehen.



- Achten Sie beim Zugriff auf den Kamera-Webviewer besonders auf die Sicherheit, indem Sie nachprüfen ob die Bilddaten verschlüsselt sind.



- Wenn Sie die Option **„Remember my credentials“** wählen, nachdem Ihre Eingabe beendet ist, werden Sie automatisch angemeldet ohne zukünftig aufgefordert zu werden, Ihre Anmeldedaten einzugeben.
- Die beste Bildqualität wird erreicht, wenn die Bildschirmgröße auf 100% eingestellt ist. Reduzierung des Bildseitenverhältnis kann das Bild an den Rändern abschneiden.

EINSTELLEN DES KAMERA-WEB VIEWER

1. Klicken Sie auf das **[Einrichten (⚙️)]**-Symbol.
2. Das Fenster für die Einstellungen erscheint.
3. Es ist möglich, die Einstellungen grundlegender Informationen der Kamera, PTZ, Video, Netzwerk, Ereignis, Analyse, System sowie offene Plattform über das Netzwerk zu verwalten.
4. Klicken Sie auf **<Hilfe (📖)>** um detaillierte Beschreibungen jeder Funktion betrachten zu können.

SPEZIFIKATIONEN

Elemente		Beschreibung		
		XND-L6080V/L6080R/ L6080RV	XNO-L6080R	XNV-L6080/L6080R
Video	Bildaufnahmegerät	1/2.8" 2M CMOS		
	Gesamtpixelanzahl	1945(H) x 1109(V) 2,16M		
	Effektive Pixel	1945(H) x 1097(V) 2,13M		
	Abtastsystem	Progressiver Scan		
	Mindestbeleuchtung	XND-L6080V/XNV-L6080 - Farbe : 0.1 lux, S/W : 0.01 Lux XND-L6080R/XND-L6080RV/XNO-L6080R/XNV-L6080R - Farbe : 0.1 lux, S/W : 0 Lux (IR-LED ein)		
	Signal-Rauschabstand	50dB		
	Videoausgang	CVBS : 1,0 Vp-p / 75Ω Composite, 720x480(N), 720x576(P), für die Installation USB : Micro USB Typ B, 1280x720 zur Installation		
Objektiv	Brennweite (Zoomrate)	3.2~10mm(3.1x) Motorisiertes Varioobjektiv		
	Max. Blendenverhältnis	F1.6(Breite) ~ F2.9(Tele)		
	Sichtwinkelfeld	H : 109.0°(Breite) ~ 33.2°(Tele) / V : 57.4°(Breite) ~ 18.7°(Tele) / D : 132.0°(Breite) ~ 38.0°(Tele)		
	Mindestentfernung zum Objekt	0,5m (1.64 Fuß)		
	Fokus-Steuerung	Scharfeinstellung (Motorisiert V/F) / Manuell - Fernbedienung über Netzwerk (Manuell, Scharfeinstellung)		
	Objektivart	DC Auto Iris		
	Montagetyp	Fest integriert		
Schwenken / Neigen / Drehen	Schwenk-/Kipp-/Drehbereich	0° ~ 354° / 0° ~ 67° / 0° ~ 355°	-	0° ~ 354° / 0° ~ 67° / 0° ~ 355°
Funktionsweise	Sichtweite	XND-L6080V/XNV-L6080 : - XND-L6080R/XND-L6080RV : 20m XNO-L6080R/XNV-L6080R : 30m		
	Kameratitel	Aus / Ein (bis zu 85 Zeichen werden angezeigt) - W/W: Englisch/Numerisch/Sonderzeichen - Allgemein: Mehrfachleitungen (Max. 5), Farbe (Grau/Grün/Rot/Blau/Schwarz/Weiß), Transparenz, Automat. Skalierung je nach Auflösung		
	Tag und Nacht	Auto (ICR) / Farbe / S/W / Extern / Programm		

Elemente	Beschreibung		
	XND-L6080V/L6080R/ L6080RV	XNO-L6080R	XNV-L6080/L6080R
Gegenlichtkompensation	Aus / BLC / HLC (Maskierung / Dimmen) / WDR		
BREIT-Dynamischer Bereich	120dB		
Kontraststeigerung	SSDR (Aus / Ein)		
Digitale Rauschunterdrückung	SSNR5 (2D+3D Rauschunterdrückung) (Aus / Ein)		
Digitale Bildstabilisierung	Aus / Ein		
Entnebeln	Auto/Manuell/Aus		
Bewegungserkennung	Aus / Ein (8ea, 8punkt Polygonzonen), Übergeben		
Privatsphärenausblendung	Aus / Ein (32ea, Polygonzonen) - Farbe : grau, grün, rot, blau, schwarz, weiß - Mosaik		
Verstärkungssteuerung	Aus / Gering / Mittel / Hoch		
Weißabgleich	ATW / AWC / Manuell / Innenbereich / Außenbereich (Enthält Quecksilber und Natrium)		
Kontrast	Anpassung der Stufe		
LDC	Ein / Aus (5 Stufen mit Min / Max)		
Elektronischer Blendenverschluss	Minimum / Maximum / Anti-Flimmern (2 ~ 1/12 000 Sek.)		
Digitales PTZ	24X, Digital PTZ (Voreinstellung, Gruppe)		
Umdrehen / Spiegel	Umdrehen : Aus/Ein Spiegeln : Aus/Ein Hausflur : 90°/270°		
Videoanalyse	Manipulation, Defokussieren-Erkennung, Bewegungserkennung		
Alarm Auslöser	Bewegungserkennung, Videoanalyse, Netzabschaltung		
Alarmereignisse	• Datei Hochladen über FTP, E-Mail • Benachrichtigung über E-Mail • Lokale Speicherung (SD/SDHC/SDXC) oder NAS Aufnahme bei getrennten Netzwerk & Ereignis (Alarmauslöser)		
Pixelzähler	Support		

Elemente	Beschreibung		
	XND-L6080V/L6080R/ L6080RV	XNO-L6080R	XNV-L6080/L6080R
Netzwerk	Ethernet	RJ-45 (10/100BASE-T)	
	Videokomprimierungsformat	H.265/H.264 (MPEG-4 Teil 10/AVC) : Main/Baseline/High Motion JPEG	
	Auflösung	1920x1080 / 1280x1024 / 1280x960 / 1280x720 / 1024x768 / 800x600 / 800x448 / 720x576 / 720x480 / 640x480 / 640x360 / 320x240	
	Max. Framerate	H.265/H.264 : Max 60fps bei allen Auflösungen Motion JPEG : Max 30fps	
	Smart Codec	Manueller Modus (bereichsbasiert : je 5)	
	WiseStream II	Support	
	Video Qualität Anpassung	H.264/H.265 : Zielbitrate Pegelsteuerung MJPEG : Zielbitrate Pegelsteuerung	
	Bitrate Steuerungsmethode	H.264/H.265 : CBR oder VBR Motion JPEG : VBR	
	Streaming Kapazität	Mehrfach Streaming (Bis zu 5 Profile)	
	IP	IPv4, IPv6	
	Protokoll	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour	
	Sicherheit	HTTPS (SSL) Authentifizierungsprotokoll Anmelde-Übersicht Authentifizierung IP-Adressfilter Benutzerzugriff Protokoll 802.1X Authentifizierungsmethode (EAP-TLS, EAP-LEAP)	
	Streaming-Methode	Unicast / Multicast	

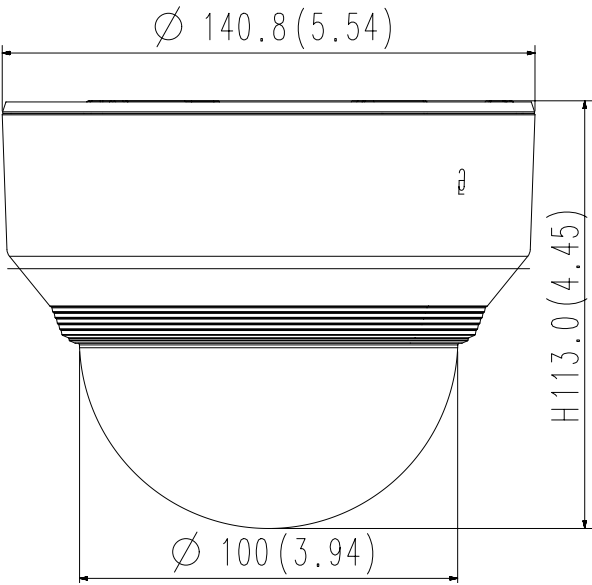
Elemente	Beschreibung		
	XND-L6080V/L6080R/ L6080RV	XNO-L6080R	XNV-L6080/L6080R
Netzwerk	Max. Benutzerzugriff	20 Benutzer im Unicast-Modus	
	Randspeicher	SD/SDHC/SDXC 1slot (bis zu 256 GB) - Auf der SD / SDHC / SDXC-Speicherkarte aufgezeichnete Bilder können heruntergeladen werden. NAS (Netzwerkspeicher) Lokaler PC für die sofortige Aufzeichnung	
	Anwendungsprogrammierschnittstelle	ONVIF Profile S/G SUNAPI(HTTP API) Offene Plattform	
	Sprache der Webseite	Englisch, Koreanisch, Französisch, Deutsch, Spanisch, Italienisch, Chinesisch, Russisch, Japanisch, Schwedisch, Portugiesisch, Tschechisch, Polnisch, Türkisch, Niederländisch, Hungarisch, Griechisch	
	Web Viewer	Unterstützte Betriebssystem : Windows 7 / 8.1 / 10, MAC OS X 10.10, 10.11, 10.12 Unterstützte Webbrowser: Google Chrome 63, MS Edge 41, MS Internet Explorer 11, Mozilla Firefox 57 (Window 64bit unterstützt) , Apple Safari 11 (Mac OS X unterstützt)	
	Software zur zentralen Verwaltung	SmartViewer, SSM	
Betriebsbedingungen	Betriebstemperatur / Feuchtigkeit	-10°C ~ +55°C (14°F ~ +131°F) / Weniger als 90% rel.Luftfeuchtigkeit	-40°C ~ +55°C (-40°F ~ +131°F) / Weniger als 90% rel.Luftfeuchtigkeit
	Lagerungstemperatur / Feuchtigkeit	-50°C ~ +60°C (-58°F ~ +140°F) / Weniger als 90% rel.Luftfeuchtigkeit	
	Schutz vor Eindringling	-	IP66
	Vandalismusschutz	IK08	IK10
Elektrisch	Eingangsspannung/Strom	PoE(IEEE802.3af, Class3)	
	Energieverbrauch	XND-L6080V : Max. 6W, Normalerweise 4W XND-L6080R/XND-L6080RV : Max. 8W, Normalerweise 4W XNV-L6080 : Max. 8W, Normalerweise 5W XNO-L6080R/XNV-L6080R : Max. 11W, Normalerweise 5W	

Elemente		Beschreibung		
		XND-L6080V/L6080R/ L6080RV	XNO-L6080R	XNV-L6080/L6080R
Mechanisch	Farbe / Materiell	XND-L6080V/XND-L6080RV/XNV-L6080/XNV-L6080R : Elfenbein (NCS S 0502-Y) / Aluminium XND-L6080R : Elfenbein (NCS S 0502-Y) / Plastik XNO-L6080R : Dunkelgrau / Aluminium		
	Abmessungen (BxHxT)	Ø 140.8 X 113.0mm (Ø5.54" X 4.45")	Ø 91 X L322.9mm (Ø 3.58" X L12.71")	Ø 160 X H118.5mm (Ø6.3" X 4.67")
	Gewicht	XND-L6080V : 675g(1.49 lb) XND-L6080R : 580g(1.28 lb) XND-L6080RV : 690g(1.52 lb) XNO-L6080R : 1,298g(4.25 lb) XNV-L6080 : 935g(2.06 lb) XNV-L6080R : 940g (2.07 lb)		

PRODUKTANSICHT

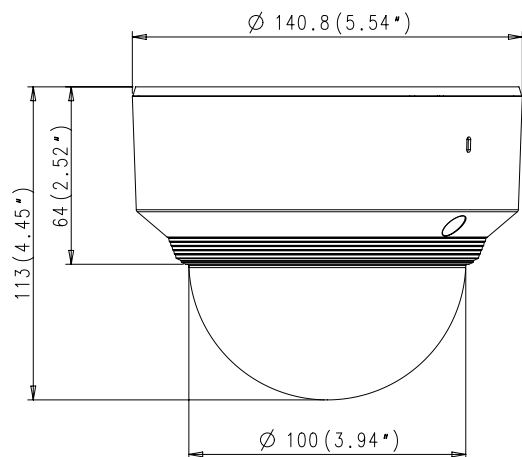
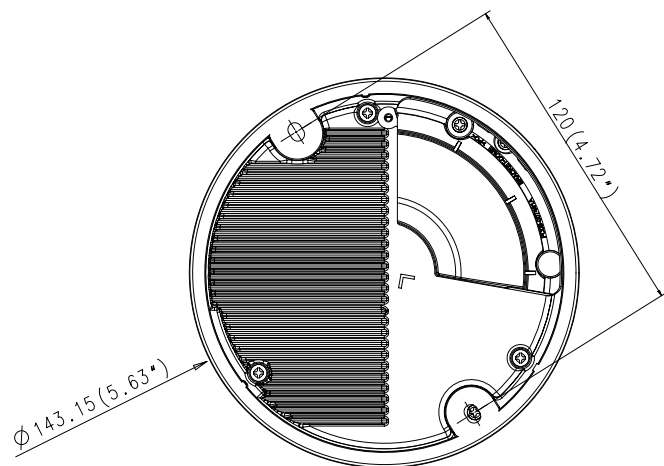
XND-L6080R

Einheit: mm (inch)



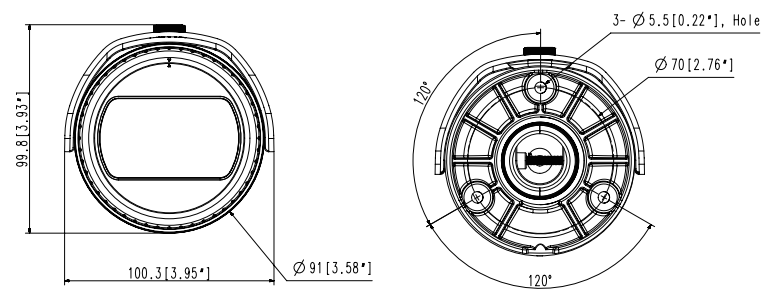
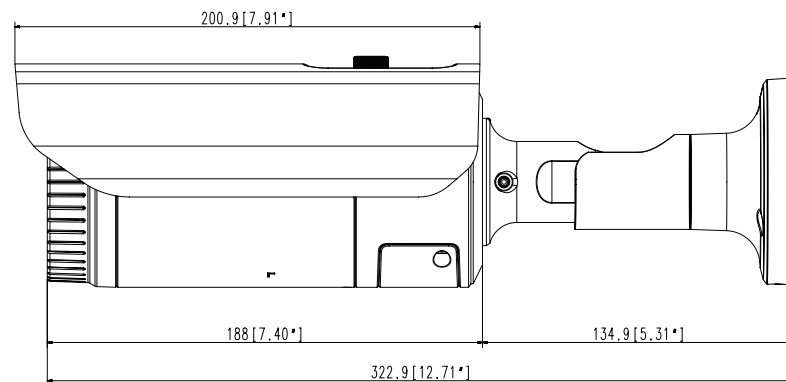
XND-L6080RV/L6080V

Einheit: mm (inch)

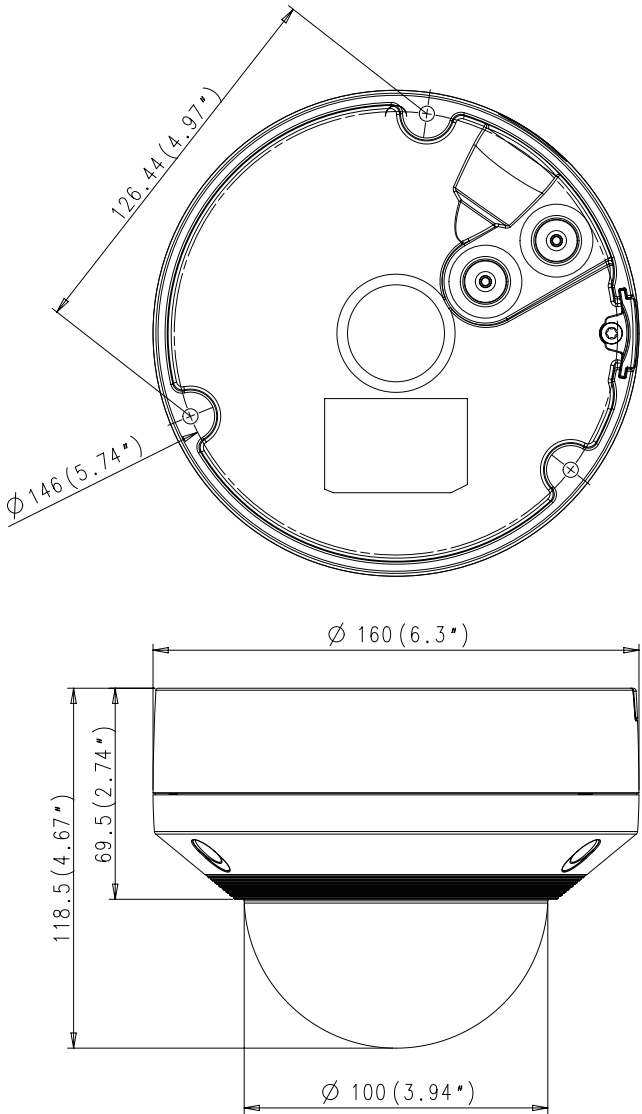


XNO-L6080R

Einheit: mm (inch)



Einheit: mm (inch)



FEHLERSUCHE

PROBLEM	LÖSUNG
Wenn Sie unter Safari per HTML auf den Plug-in-freien Webviewer zugreifen, wird kein Video angezeigt.	• Bei dem ersten Zugriff auf HTTPS klicken Sie im Pop-up-Fenster zu Authentifizierung auf "Authentifizierungszertifikat anzeigen" und wählen Sie das Feld "Beim Verbinden zur IP des designierten Webviewers immer vertrauen" aus. • Wenn im Webviewer weiterhin kein Video angezeigt wird, nachdem Sie im Nachrichtenfenster unten "Weiter" ausgewählt haben, klicken Sie auf die Befehlstaste + Q, um den Safari-Browser zu verlassen. Rufen Sie ihn dann erneut auf und folgen Sie den oben angegebenen Schritten.
Ich kann von einem Webbrowser nicht auf die Kamera zugreifen.	• Überprüfen Sie, ob die Netzwerkeinstellungen der Kamera entsprechend sind. • Kontrollieren Sie, ob alle Netzkabel korrekt angeschlossen wurden. • Prüfen Sie bei einer Verbindung über DHCP, ob die Kamera dynamische IP-Adressen problemlos erhalten kann. • Prüfen Sie, wenn die Kamera mit einem Breitband-Router verbunden ist, ob die Portweiterleitung korrekt konfiguriert ist.
Der Viewer wurde während der Überwachung getrennt.	• Verbundene Viewer werden nach etwaigen Änderungen an der Kamera oder den Netzwerkkonfigurationen getrennt. • Prüfen Sie alle Netzwerkverbindungen. • Wenn die Kamera über ein PPPoE-Netzwerk verbunden ist, kann der Viewer bei schlechten Netzwerkbedingungen getrennt werden.
Die mit dem Netzwerk verbundene Kamera wird im Programm Device Manager nicht erkannt.	• Schalten Sie die Firewall-Einstellungen an Ihrem PC aus und suchen Sie dann die Kamera erneut.
Die Bilder überlappen.	• Prüfen Sie, ob zwei oder mehr Kameras auf einer einzigen Multicast-Adresse anstelle verschiedener Adressen festgelegt sind. Wenn eine einzige Adresse für mehrere Kameras verwendet wird, können die Bilder überlappen.
Es wird kein Bild eingeblendet.	• Wenn die Übertragungsmethode auf Multicast festgelegt ist, müssen Sie überprüfen, ob ein Router vorhanden ist der Multicast im LAN, an das die Kamera verbunden ist, unterstützt.

PROBLEM	LÖSUNG
<Bewegungserkennung> des <Analyse> ist auf <Aktivieren> eingestellt, doch haben mich keine E-Mails mit Benachrichtigungen erreicht, selbst wenn ein Analyse-Ereignis eingetreten ist.	- Überprüfen Sie die Einstellungen in der folgenden Reihenfolge: A. Prüfen Sie die Einstellungen unter <Datum & Uhrzeit>. B. Die <Bewegungserkennung> muss auf <Aktivieren> gestellt sein. C. Prüfen Sie, ob die Option <E-mail> im <Ereigniseinrichtung> Menü markiert ist.
Auf die Micro SD Speicherkarte kann nicht aufgenommen werden.	Auf die SD-Speicherkarte kann nicht aufgenommen werden.
Die Micro SD Speicherkarte ist eingelegt, aber die Kamera funktioniert nicht richtig.	- Überprüfen Sie, ob die Speicherkarte richtig herum eingelegt wurde. Für diese Kamera kann nicht garantiert werden, dass eine Speicherkarte, die mit einem anderen Gerät formatiert wurde, reibungslos funktioniert. - Formatieren Sie die Speicherkarte über das Menü <Setup> → <Ereignis> → <Speicherkapazität>.
Kann nicht in NAS aufnehmen.	Bestätigen Sie, dass die in NAS registrierten Informationen richtig sind.
Meldet, dass die NAS-Einstellung fehlgeschlagen ist.	- Bestätigen Sie, dass die IP-Adresse des NAS gültig ist. - Bestätigen Sie, dass die ID/dass Passwort des NAS gültig ist. - Bestätigen Sie, dass Sie auf den als Basisordner bezeichneten Ordner mit der NAS-ID zugreifen können. - Bestätigen Sie, dass die NAS SMB/CIFS-Punkte nicht angekreuzt sind. - Bestätigen Sie, dass die NAS IP-Adresse und die Kamera-IP-Adresse dasselbe Format haben. Ex) Der Erstwert des NAS & der Kamerasubnetzmaske ist 255.255.255.0. Ist die IP-Adresse 192.168.20.32, sollte sich die NAS IP-Adresse im Bereich von 192.168.20.1~192.168.20.255. befinden - Prüfen Sie, ob Sie als ein anderer Benutzer ohne Formatierung des gespeicherten oder benutzten Basisordners zugreifen wollten. - Bestätigen Sie, dass Sie empfohlene NAS-Ausrüstung benutzen.

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If you want to obtain the complete Corresponding Source code in the physical medium such as CD-ROM, the cost of physically performing source distribution might be charged.

GPL SW

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

LGPL SW

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

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Version 2, June 1991

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jloup@gzip.org madler@alumini.caltech.edu

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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Head Office

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www.hanwha-security.com

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500 Frank W. Burr Blvd. Suite 43 Teaneck, NJ 07666
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Fax +1.201.373.0124
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Heriot House, Heriot Road, Chertsey, Surrey, KT16 9DT, United Kingdom
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