

WISeNeT

NETZWERKKAMERA

Benutzerhandbuch

PNM-9000VQ
SLA-2M2400Q/2M2800Q/2M3600Q/
2M6000Q/5M3700Q/5M4600Q/5M7000Q



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, Stativen, 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. Dieses Gerät ist für die Versorgung von einem eingetragenen Netzanschlussgerät mit der Kennzeichnung „Klasse 2“ oder „LPS“ und einer Ausgangsleistung von PoE , 0.6A. (PNM-9000VQ) vorgesehen.
16. 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.
17. 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.
18. 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.
19. 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.
20. 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 eingelegerter Akku) dürfen keiner extremen Hitze, z. B. Sonneneinstrahlung, Feuer oder Ähnlichem, ausgesetzt 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

Wird die Batterie nicht mit der richtigen Batterie ausgetauscht, besteht Explosionsgefahr. Entsorgen Sie gebrauchte Batterien vorschriftsgemäß.

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.

In bestimmten Installationsumgebungen kann es zu Störungen der Funkkommunikation kommen. Wenn eine Störung von elektromagnetischen Wellen zwischen dem Produkt und einem Funkkommunikationsgerät auftritt, wird empfohlen, einen gewissen Abstand zwischen den beiden einzuhalten oder die Richtung der Empfangsantenne zu ändern.

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EMPFOHLENE PC-SPEZIFIKATIONEN

- CPU : Intel(R) Core(TM) i7 3.4 GHz oder höher
- Unterstützte Betriebssystem : MS Windows, Mac OS X
- **Plug-in freier Web-Viewer**
Unterstützte Webbrowser: Google Chrome, MS Edge, Mozilla Firefox(Nur Windows 64bit), Apple Safari (wird nur bei Mac OS X)

Im Anhang finden Sie detaillierte Informationen über bestätigte Betriebssysteme und Browser.
Einige Funktionen können auch in unterstützten Browsern eingeschränkt sein.

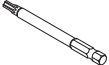
EMPFOHLENE TECHNISCHE DATEN FÜR MICRO SD/SDHC/SDXC
SPEICHERKARTEN

- 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
- Es wird empfohlen, eine Speicherkarte von 16 GB oder mehr zu verwenden, die mit der UHS-3-Klasse (MLC-Typ) Spezifikation konform ist.

LIEFERUMFANG (PNM-9000VQ)

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

Produktdesign	Bezeichnung	Menge	Beschreibung
	Selbstdrehende Schraube	4	Zur Montage an die Wand oder Decke
	Plastikdubel	4	Zum Befestigen einer in einer Bohrung eingesetzten Schraube (verstärkende, verankernde Wirkung)
	Maschinenschraube	4	Benutzt um das Kuppelgehäuse zusammenzubauen, wenn das Produkt auf Rohr, Wandhalterung, usw. installiert oder ein Loch blockiert wird.
	Kappen-Installierer	1	Zum Anschluss des RJ45-Kabels verwendet
	Kartentyp Feuchtigkeitsabsorbierend	1	Bei Installation befestigt.
	Bohrer	1	Wird für die Demontage der Kuppelabdeckung, Montage und Kamerainstallation verwendet.

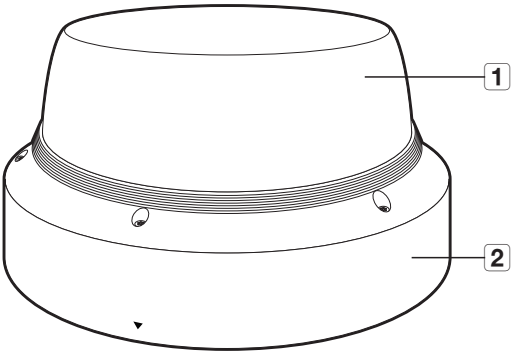
Produktdesign	Bezeichnung	Menge	Beschreibung
	Kabeltülle	1	Wird zum Verbinden des LAN-Kabel mit einem Durchmesser von 7-8,5 verwendet.
	Eisenkern	1	Nutzung zum Blockieren der Hochfrequenz-Bauteile in der Stromversorgung und des Signalendes, damit es nicht nach außen ausgestrahlt wird. ■ Es wird vor Nutzung ein 2-maliges Umwickeln um das Stromkabel und LAN-Kabel empfohlen.

LIEFERUMFANG (OBJEKTIVMODUL-OPTIONAL)

Produktdesign	Bezeichnung	Menge	Beschreibung	Modellbezeichnung
	Objektivmodul	1	Auf PNM-9000VQ montiert	SLA-2M2400Q
		1		SLA-2M2800Q
		1		SLA-2M3600Q
		1		SLA-2M6000Q
		1		SLA-5M3700Q
		1		SLA-5M4600Q
		1		SLA-5M7000Q

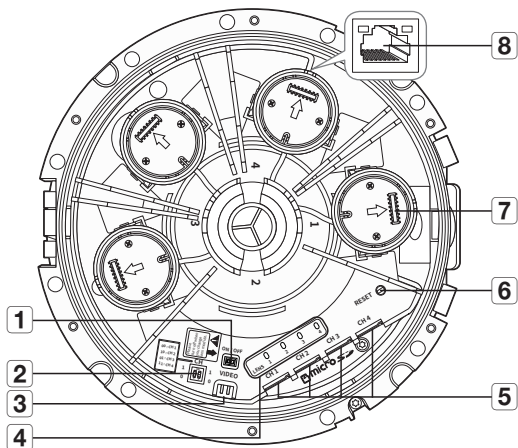
AUF EINEN BLICK (PNM-9000VQ)

Aufbau



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

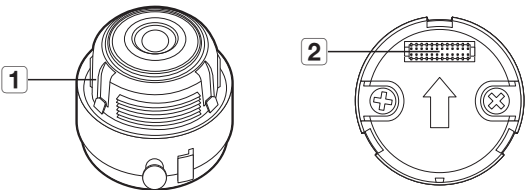
Komponenten



Bezeichnung	Beschreibung
1 Netzschalter	Schalter, mit dem das Produkt ein-/ausgeschaltet werden kann. Nur zum Austausch Ihres Objektivmoduls verwenden.
2 DIP-Schalter für einen Wechsel des Kanals	Ändern Sie die DIP-Schalter, um den Kanal anzugeben, den Sie verwenden möchten, um das Installationsvideo zu betrachten.
3 Test Monitor Ausgang	Anschluss zum Testen der Videoausgabe. Verwenden Sie das Test Monitor Kabel, um ein tragbares Anzeigergerät anzuschließen und das Videobild zu testen.
4 Anzeigenleuchte des Objektivmoduls (normal: grün, anormal: rot)	Wann immer das Objektiv korrekt angeschlossen wird, leuchtet die grüne LED auf und erlischt nach etwa 40 Sekunden. (um unerwünschte Reflexionen zu verhindern)
5 Micro SD-Speicherkartenfach	Fach für die Micro SD-Speicherkarte.
6 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 kein DHCP-Server im Netzwerk verfügbar ist, muss das IP-Installer-Programm gestartet werden und Netzwerkeinstellungen wie IP-Adresse, Subnetzmaske, Gateway usw. konfiguriert werden, damit das System mit dem Internet verbunden werden kann.
7 Objektivmodul-Montageteil	Dies ist der Anschluss zum Anbringen des Objektivmoduls.
8 PoE+ Anschlussklemme	Die Klemme verbindet Stromversorgung und Netzwerk über das PoE+-Kabel.

AUF EINEN BLICK (OBJEKTIVMODUL)

Aufbau



Bezeichnung	Beschreibung
1 Objektivmodul	Dies ist ein Objektivmodul, welches Videos aufzeichnet.
2 Kameraanschluss	Dies ist ein Anschluss für die Verbindung mit der Kamera.

INSTALLATION



- 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.

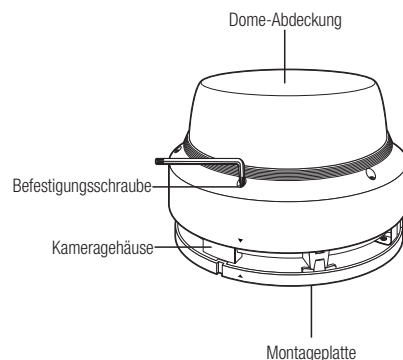
Bevor Sie mit der Installation beginnen

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

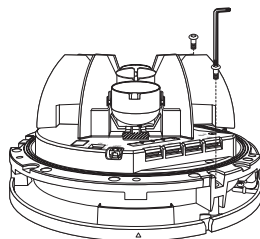
- Wählen Sie einen Aufstellungsort, der mindestens 5-mal das Gewicht der Kamera tragen kann.
- Verklemmte Kabel oder ein abgelöster Kabelschutz können zu Schäden an dem Produkt und Brandgefahr führen.
- Halten Sie aus Sicherheitsgründen andere Personen von dem Ort der Kamerainstallation fern. Achten Sie darauf, dass sich in der Nähe der Kamerainstallation keine Gegenstände des Personals befinden.
- Falls das Produkt mit großem Kraftaufwand installiert wird, kann die Kamera aufgrund von Fehlfunktionen beschädigt werden. Das Erzwingen der Montage mit nicht-konformen Werkzeugen kann das Produkt beschädigen.
- Das Objektivmodul darf, während das Gerät eingeschaltet ist, nicht entfernt werden.

Demontage

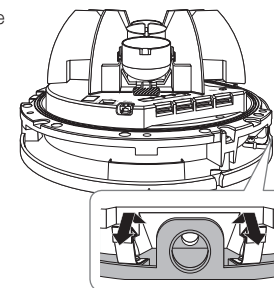
1. Entfernen Sie die Kuppelabdeckung, indem Sie die Befestigungsschraube der Kuppelabdeckung lösen. Dies kann vorgenommen werden, indem der bereitgestellte Inbusschlüssel oder Bohrer gegen den Uhrzeigersinn verwendet wird.



2. Lösen Sie die Befestigungsschraube am Kameragehäuse.

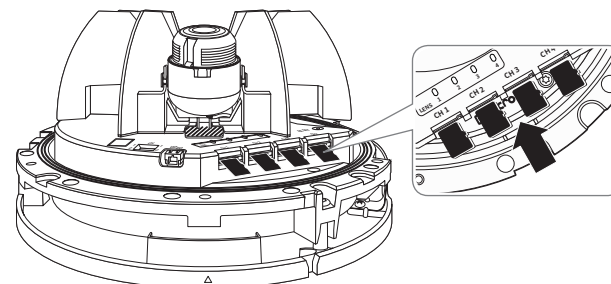


3. Entfernen Sie das Kameragehäuse und die Montageplatte, indem Sie die Tellerfeder ziehen, wie in der Abbildung gezeigt.



Einlegen einer Micro SD-Speicherkarte

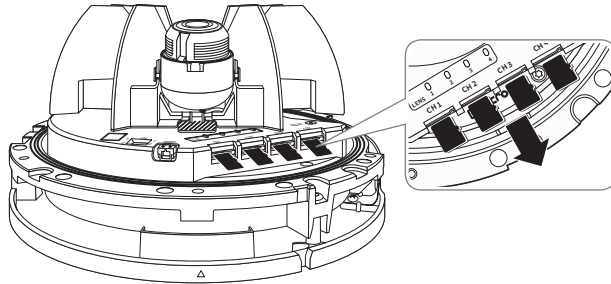
1. Entfernen Sie die Kuppelabdeckung der Kamera.
2. Eine Micro-SD-Karte in Pfeilrichtung einlegen, siehe Abbildung.



- Das Netzkabel von der Kamera abtrennen, bevor die Micro SD-Speicherkarte eingelegt wird.
- Nicht mit Gewalt in falscher Richtung einsetzen. Dies kann Ihre Micro SD-Speicherkarte und Ihr Produkt beschädigen.
- 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.

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.

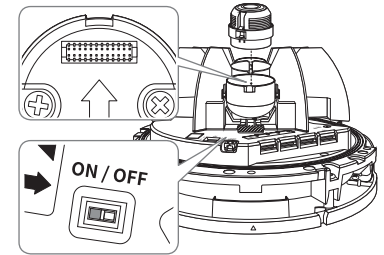


- ! ■ Sie sollten eine SD-Karte für jeden Kanal aufheben.
- Bitte beachten Sie, dass, falls Sie die Micro SD-Speicherkarte fest drücken und loslassen, sobald sie ausgeworfen wird, diese herausspringen kann.
- Bevor Sie die Micro SD-Speicherkarte im <Speicherkapazität> entfernen, müssen Sie das Gerät auf <Aus> stellen und die [Anwenden]-Taste drücken und die Kamera deaktivieren.
- Wenn Sie die Kamera ausschalten oder die Micro SD-Speicherkarte mit Produktdaten entfernen, gehen Daten möglicherweise verloren oder werden beschädigt.

Objektivmodul montieren

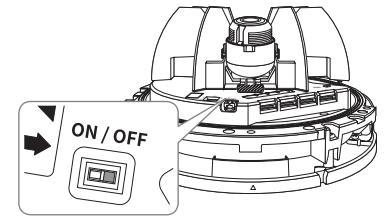
1. Richten Sie den Stecker des Objektivmoduls mit dem Anschluss des Kameragehäuses aus und befestigen Sie ihn.

- ! ■ Installieren Sie das Objektivmodul wenn die Stromversorgung nicht angeschlossen ist (PoE+).
- Prüfen Sie, ob der Netzschalter auf „OFF“ steht, bevor Sie das Objektivmodul installieren.
- Es wird empfohlen, das Objektiv selbst nicht zu berühren, da es werksseitig mit der bei der Fertigungskontrolle eingestellten Bildschärfe geliefert wird.



2. Schließen Sie den Montagevorgang für das Objektiv ab.
3. Schließen Sie die Stromversorgung an das Produkt an (PoE+).

- ! ■ Wenn Sie das Objektivmodul austauschen wollen, während die Stromversorgung an das Produkt angeschlossen ist (PoE+), schalten Sie den Netzschalter „OFF“, tauschen Sie das Objektivmodul aus und schalten Sie dann den Netzschalter „ON“.
- Achten Sie darauf beim Umgang mit dem Schalter kein spitzes Werkzeug zu verwenden, um den Schalter nicht zu beschädigen.
- Achten Sie darauf, den Schalter nicht mit Gewalt zu betätigen, um ihn nicht zu beschädigen.

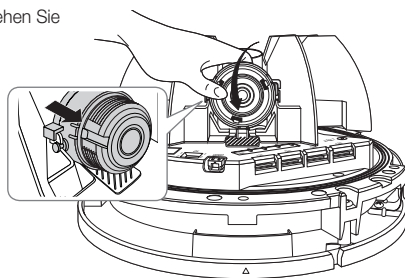


Installation unter Verwendung der senkrechten Fallmethode

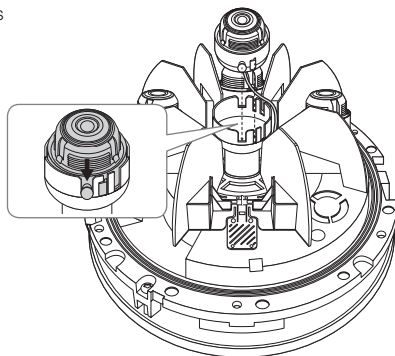
Sie können das Objektiv für nur einen Kanal bewegen, um das Video zu sehen, bevor Sie es in direkt beleuchteter Weise installieren.

In diesem Fall kann die Objektivrichtung um 90 Grad nach oben gekippt werden.

1. Kippen Sie den Objektivmodulteil nach vorne und ziehen Sie dann daran.

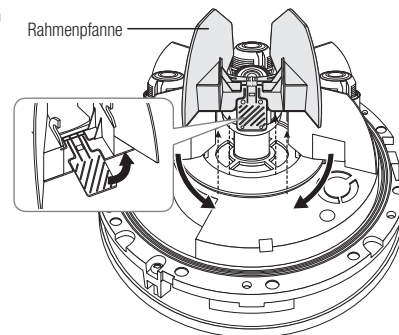


2. Richten Sie die Nut mit der Mitte des rotierenden Teils aus.



3. Heben Sie das Teil mit den diagonalen Linien an, um die Rahmenpfanne freizugeben.

4. Bewegen Sie die drei Kanalobjektive entlang der unteren Schiene.

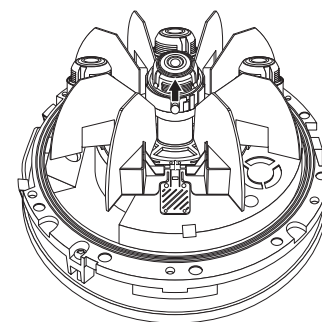


Installation mit der Kippmethode

Sie können die Objektive von KA1 - KA4 entlang der unteren Schiene verschieben, um Videos anzusehen, indem sie mittels Kippmethode installiert werden.

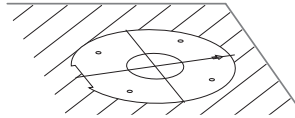
In diesem Fall kann die Orientierung des Objektivs nicht um 90 Grad gekippt werden.

1. Befestigen Sie die Rahmenpfanne.
2. Entfernen Sie das direkt beleuchtete Objektiv vom Drehpunkt.
3. Bewegen Sie die vier Kanalobjektive entlang der unteren Schiene.

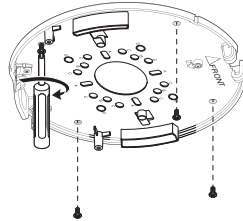


Installation an einer Decke oder Wand

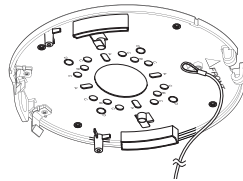
1. Verwenden Sie die mitgelieferte Schablone, um Löcher für die Installation zu bohren (Durchmesser 6 mm und Mindestdiefe 45 mm) und führen Sie die mitgelieferten Kunststoffanker zum Ende hin ein.



2. Richten Sie die Bohrungen der Befestigungsplatte zur Installation mit den Bohrungen der Kunststoffdübeln aus und ziehen Sie die Schneidschrauben an.



3. Befestigen Sie das Sicherheitskabel.



4. Befestigen Sie das Kameragehäuse an der Befestigungsplatte.
 - Befestigen Sie es an den Scharnieren wie in der Abbildung dargestellt.

5. Verbinden Sie die Klemme in der Kamera mit dem erforderlichen Kabel.

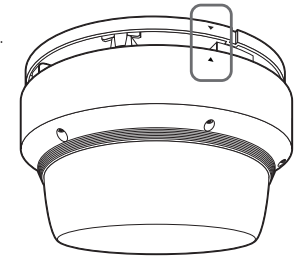
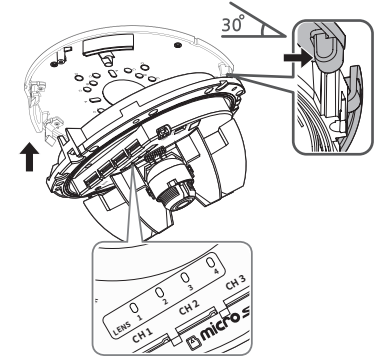
- ! ■ Sollte das Objektivmodul inkorrekt angeschlossen sein, leuchtet die Statusleuchte des Objektivmoduls rot auf, wie dies in der Abbildung dargestellt wird. Tritt dies ein, schalten Sie das Gerät aus und befestigen Sie das Objektivmodul erneut. Wann immer es normal angeschlossen wird, leuchtet es grün auf und ertitst nach etwa 40 Sekunden.

6. Drücken Sie die Stiftfeder hinein.

7. Stellen Sie das Objektiv auf die gewünschte Richtung ein, indem Sie sich auf „**Einstellen der Überwachungsrichtung der Kamera**“ beziehen. (Seite 17)
 - Falls Sie das Objektiv kippen, müssen Sie das Objektiv anpassen, da dies sonst den Bildschirm blockieren kann.

8. Montieren Sie die Kuppelabdeckung.

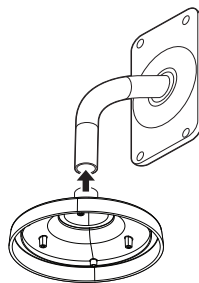
- Bei der Montage der Kuppelabdeckung müssen die Pfeile ausgerichtet werden.
- Um sicherzustellen, dass es keine Probleme mit einer Undichtigkeit gegen Wasser gibt, müssen die Befestigungsschrauben unter Zuhilfenahme eines Inbusschlüssels oder Bohrers festgezogen werden.



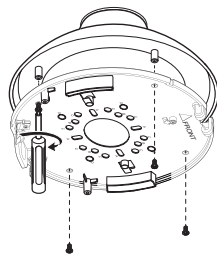
Anbindung an den entbündelten Anschluss

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

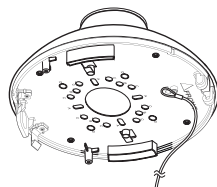
1. Installieren sie die Hängehalterung an den Wandhalterungsadapter.
 - Wandhalterungsadapters und Hängehalterungen werden separat verkauft.



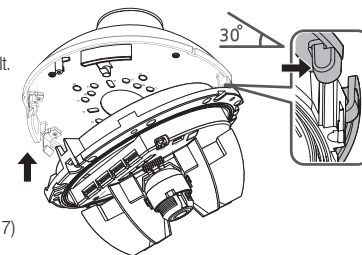
2. Verbinden Sie die Montageplatte mit der Aufhängung.



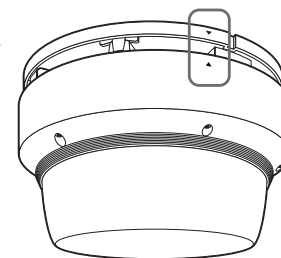
3. Befestigen Sie das Sicherheitskabel.



4. Befestigen Sie das Kameragehäuse an der Befestigungsplatte.
 - Befestigen Sie es an den Scharnieren wie in der Abbildung dargestellt.
5. Verbinden sie die Klemme in der Kamera mit dem erforderlichen Kabel.
6. Drücken Sie die Stiftfeder hinein.
7. Stellen Sie das Objektiv auf die gewünschte Richtung ein, indem Sie sich auf „**Einstellen der Überwachungsrichtung der Kamera**“ beziehen. (Seite 17)
 - Falls Sie das Objektiv kippen, müssen Sie das Objektiv anpassen, da dies sonst den Bildschirm blockieren kann.



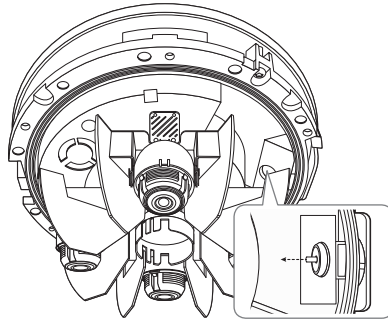
8. Montieren Sie die Kuppelabdeckung.
 - Bei der Montage der Kuppelabdeckung müssen die Pfeile ausgerichtet werden.
 - Um sicherzustellen, dass es keine Probleme mit einer Undichtigkeit gegen Wasser gibt, müssen die Befestigungsschrauben unter Zuhilfenahme eines Inbusschlüssels oder Bohrers festgezogen werden.



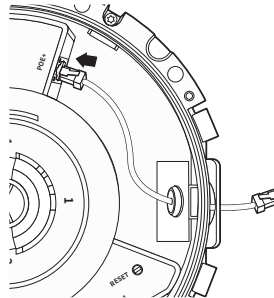
Methode 1. Anschluss des LAN-Kabels

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.

- ! ■ Eine geeignete Kabeltülle zum Verbinden des LAN-Kabels verwenden.
- Basiskamera : Das Kabel mit dem Durchmesser 5-6,5 verwenden
 - Bereitgestellte Komponenten: Das Kabel mit dem Durchmesser 7-8,5 verwenden

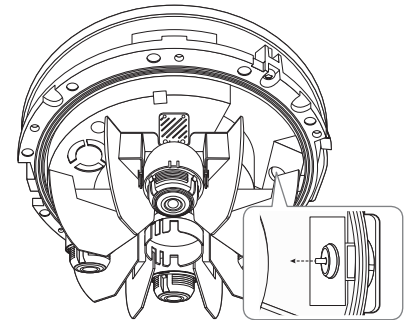


3. Setzen Sie das LAN-Kabel durch die Bohrung ein, die nach dem Entfernen des vorstehenden Teils in Schritt 2 oben erscheint.
4. Entfernen Sie den Mantel mit einem Kabelschneider und gleichen Sie die Kabel an.
5. Das LAN-Kabel mit einem LAN-Stecker verbinden und in das LAN-Werkzeug einstecken.
6. Nachdem das Kabel fertig ist, kann es mit dem Ethernet-Port verbunden werden.

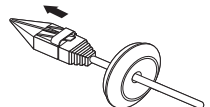
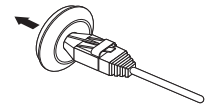
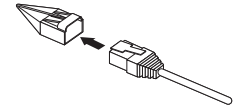


Methode 2. Anschluss des LAN-Kabels

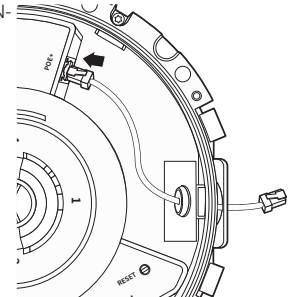
1. Die Dome-Abdeckung und den Behälter entfernen.
2. Das lange herausragende Teil des Gummistopfen am Boden herausziehen und, wie in der Abbildung dargestellt, entfernen.
3. Ziehen Sie die Gummiabdeckung über das Loch, um sie zu entfernen.



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.



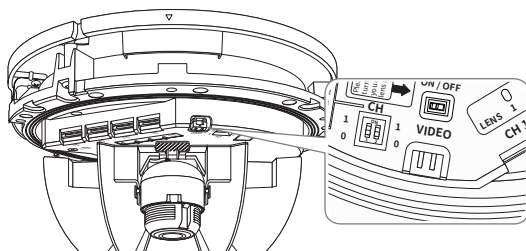
Wie man Kanäle einrichtet, um die Installation zu überwachen

Das Kameragehäuse besitzt einen Kanal-DIP-Schalter, wie in der Abbildung gezeigt.

Sie können den Kanal der Kamera mit den Kanal-DIP-Schaltern ändern.

CH1	CH2	CH3	CH4
00	01	10	11

- Falls ein DIP-Schalter sich nicht vollständig ein/aus stellen lässt, ist das Produkt möglicherweise defekt. Prüfen Sie im Anschluss der Installation die DIP-Schalter auf der Rückseite.
- Lassen Sie Vorsicht walten, um einen DIP-Schalter nicht mit einem scharfen Werkzeug zu beschädigen.
- Seien Sie vorsichtig, da der DIP-Schalter möglicherweise beschädigt werden kann, falls Sie ihn mit übermäßiger Kraft bewegen.



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. Verbinden Sie das PoE-Kabel.
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.

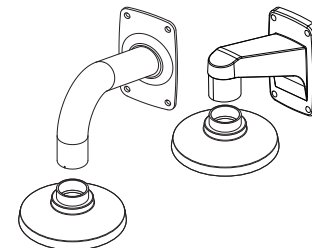


- Sollte die Kabelummantelung nicht richtig wasserundurchlässig sein, kann das zu einer unmittelbaren Undichtigkeit führen. Stellen Sie sicher, dass das Kabel dicht mit einem Klebeband geschützt ist.
- Das wasserdichte Butylklebeband besteht aus Butylkautschuk und kann auf das Doppelte seiner normalen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

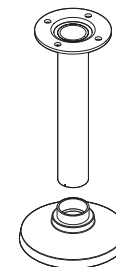
Optionales Zubehör für die Installation

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

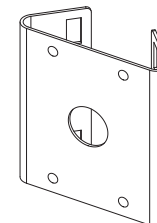
1. WANDADAPTER (SBP-300WM/SBP-300WM1) / HÄNGEADAPER (SBP-276HM)
Dabei handelt es sich um einen Adapter, der zur Montage der Kuppelkamera an einer Wand verwendet wird.



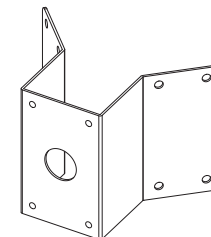
2. DECKENADAPTER (SBP-300CM) / HÄNGEADAPTER (SBP-276HM)
Dabei handelt es sich um einen Adapter, der zur Montage der Kuppelkamera an einer Betondecke verwendet wird.



3. Die MASTBEFESTIGUNGSHALTERUNG (SBP-300PM) ist diejenige Halterung, die bei der Installation der SCHWENKARMHALTERUNG (SBP-300WM oder SBP-300WM1) an einem 80mm oder größeren Mast verwendet werden soll.

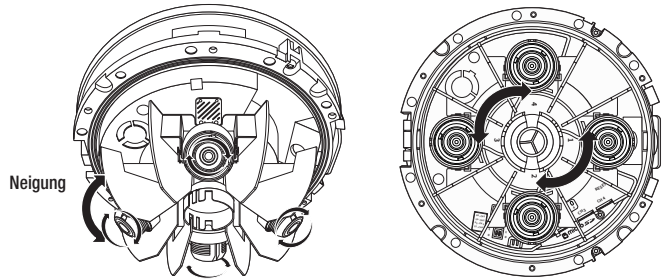


4. ECKADAPTER (SBP-300KM)
Dabei handelt es sich um einen WANDADAPTER (SBP-300WM oder SBP-300WM1), der zur Installation in einer Wandecke verwendet wird.



Überwachungsrichtung der Kamera einstellen

Bewegen des Kameramoduls (Schwenken)



Anpassen der Überwachungsrichtung

Sie können die Richtung der Kamera nur einstellen, wenn die Kamera an der Decke befestigt ist. Das Bewegen des Kameramoduls wird „Schwenken“ genannt; die Einstellung seines Winkels „Neigen“; das Drehen des Objektivs entlang der Achse „Drehen“.

- Der Drehwinkel für Schwenken beträgt -90° bis +90° für jedes Modul.
- Der Drehwinkel für Drehen beträgt -180° bis +180°.
- Der Drehwinkel für Kippen variiert für jedes Objektiv. Siehe die detaillierten Angaben. (Seite 27)

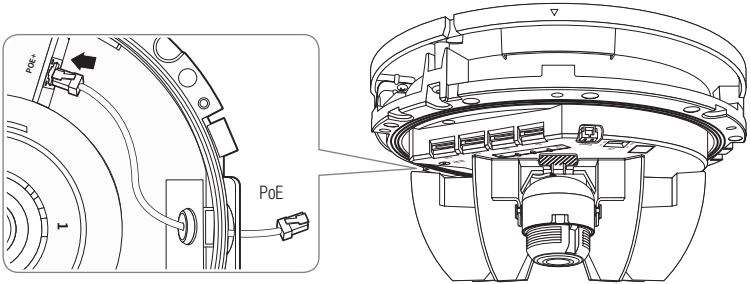


- Das Bild kann, je nach Winkel, von der Kameratasche abgedeckt werden.
- Schwenken Sie nicht über den angegebenen Drehwinkel hinaus. Dies kann das Kabel beschädigen, was zu einer Fehlfunktion des Produkts führen kann.

Anpassungsmethode

1. Nach der Installation der Kamera, unter Berücksichtigung der Richtung zum Monitor, stellen Sie den Schwenkwinkel entlang der unteren Schiene ein.
2. Passen Sie den horizontalen Winkel so an, dass das Bild während der Drehung nicht umgekehrt erscheint.
3. Passen Sie den Neigungswinkel so an, dass sie in die zu überwachende Richtung zeigt.

ANSCHLUSS AN ANDERE GERÄTE



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

Antrieb und Netzwerkbetrieb

Verbinden sie das PoE+-Gerät mit der PoE-Klemme der Kamera.



- Verbinden und verwenden Sie einen PoE+-fähigen Router.
- Verwenden sie ein PoE+-Gerät, das dem Standard IEEE802.3at entspricht.

Netzwerkabel-Spezifikation

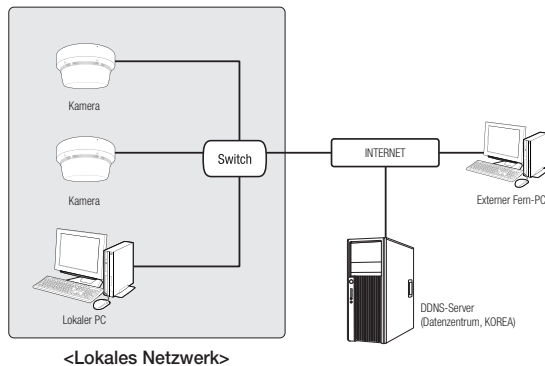
Artikel	Inhalte	Anmerkung
Stecker	RJ45 (10/100/1000BASE-T)	
Ethernet	10/100/1000BASE-T	Für den Betrieb mit 1000BASE-T muss für den Giga-Hub ein Kabel der Kategorie UTP-6 oder höher verwendet werden.
Kabel	UTP Kategorie 6	
Max. Entfernung	100M	Gleichstromwiderstand $\leq 0,188 \Omega/m$
PoE+ Support	IEEE 802.3at	

Sie können die Netzwerkeinstellungen gemäß Ihrer Netzwerkkonfigurationen einrichten.

DIREKTES VERBINDEN DER KAMERA AN DAS LAN

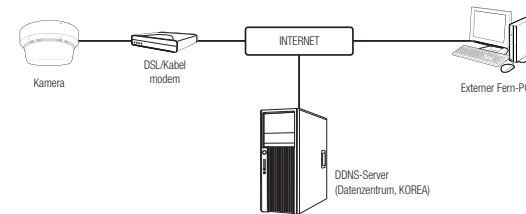
Anschluss an die Kamera von einem lokalen PC im LAN

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.
- Bei dem IP-Installer können Sie das Anfangspasswort "4321" zum Einstellen der IP-Adresse, Subnet Mask, Gateway, HTTP Port, VNP Port, IP-Typ verwenden. 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. Verwenden Sie die IP-Adresse, um den IP-Installer zu ändern. Weitere Informationen zur Verwendung des IP-Installers finden Sie unter „Einstellung der statischen IP“; (Seite 19)

VERBINDEN DER KAMERA DIREKT MIT EINEM DHCP BASIERTEN DSL/ KABELMODEM

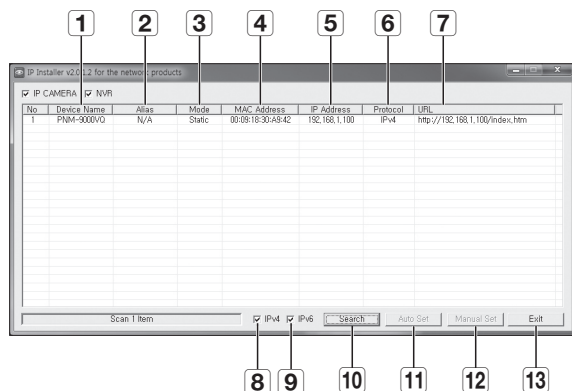


1. Den Benutzer-PC direkt mit der Netzwerkkamera verbinden.
2. Führen Sie den IP-Installer aus und ändern Sie die IP-Adresse der Kamera, damit Sie den Webbrowser Ihres Desktops mit dem Internet verbinden können.
3. Verwenden Sie den Webbrowser, um eine Verbindung mit dem Web Viewer herzustellen.
4. Gehen 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.

SCHALTFLÄCHEN DES IP-INSTALLATIONSPROGRAMMS



Bezeichnung	Beschreibung
1 Device Name	Modellname der verbundenen Kamera. Klicken Sie auf die Spalte, um die Liste nach Modellnamen zu sortieren. Wenn Sie jedoch während einer Suche darauf klicken, wird die Suche gestoppt.
2 Alias	Diese Funktion steht zurzeit nicht zur Verfügung.
3 Mode	Für den aktuellen Verbindungsstatus des Netzwerkes wird entweder <Static> oder <Dynamic> angezeigt.
4 MAC(Ethernet) Address	Ethernetadresse der verbundenen Kamera. Klicken Sie auf die Spalte, um die Liste nach Ethernetadressen zu sortieren. Wenn Sie jedoch während einer Suche darauf klicken, wird die Suche gestoppt.
5 IP Address	IP-Adresse. Klicken Sie auf die Spalte, um die Liste nach IP-Adressen zu sortieren. Wenn Sie jedoch während einer Suche darauf klicken, wird die Suche gestoppt.
6 Protocol	Netzwerkeinstellungen der Kamera. Standardmäßig ist „IPv4“ eingestellt. Kameras mit der Einstellung „IPv6“ werden mit „IPv6“ angezeigt.
7 URL	DDNS URL-Adresse für den externen Zugriff vom Internet aus. Diese wird jedoch von der <IP Address> der Kamera ersetzt, wenn die DDNS-Registrierung fehlschlug.
8 IPv4	Sucht nach Kameras mit der Einstellung IPv4.
9 IPv6	Sucht nach Kameras mit der Einstellung IPv6. Ist nur in einer IPv6 kompatiblen Umgebung aktiviert.

Bezeichnung	Beschreibung
10 Search	Sucht nach Kameras, die zurzeit mit dem Netzwerk verbunden sind. Wenn weder IPv4 noch IPv6 aktiviert sind, wird diese Schaltfläche grau dargestellt.
11 Auto Set	Der IP-Installer konfiguriert die Netzwerkeinstellungen automatisch.
12 Manual Set	Sie müssen die Netzwerkeinstellungen manuell vornehmen.
13 Exit	Damit wird das IP-Installationsprogramm beendet.



- Bei der Installation des IP-Installers nur das auf der Installations-CD gelieferte Installationsprogramm oder, falls vorhanden, die neueste Version verwenden. Die neueste Softwareversion kann von der Hanwha Techwin Electronics-Website heruntergeladen werden.
- Wenn das unterstützte Betriebssystem Windows 8.1 ist, wird es empfohlen, den Wisenet Device Manager anstelle des IP Wisenet zu verwenden.
Das Wisenet Device Manager Programm kann auf der Website von Hanwha Techwin (<http://www.hanwha-security.com>) unter dem Menüpunkt <Technisches Handbuch> - <Online-Werkzeug> heruntergeladen werden.

EINSTELLUNG DER STATISCHEN IP

Manuelle Netzwerkeinstellung

Führen Sie die Datei <IP Installer_v2.XX.exe> aus, um die Kamerasuchliste anzuzeigen.
Anfangs werden sowohl [Auto Set] als auch [Manual Set] grau dargestellt.

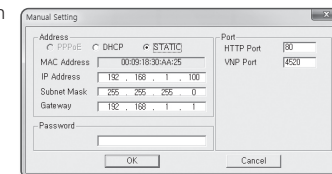
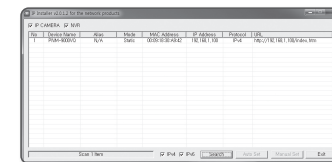


- Für gefundene Kameras mit der Einstellung IPv6 werden diese Schaltflächen grau dargestellt, da die Kameras diese Funktion nicht unterstützen.

- Wählen Sie eine Kamera aus der Suchliste.
Lesen Sie die MAC-Adresse der Kamera vom Etikett der Kamera ab.
Die Schaltflächen [Auto Set] und [Manual Set] sind nun aktiviert.
- Klicken Sie auf [Manual Set].
Das Dialogfenster für die Manual Setting erscheint.
<IP Address>, <Subnet Mask>, <Gateway>, <HTTP Port> und <VNP Port> der Kamera werden bei den voreingestellten Werten angezeigt.
- Geben Sie die nötigen Informationen in dem Fenster <Address> an.
 - MAC (Ethernet) Address : Die auf dem Etikett der Kamera abgedruckte MAC-Adresse wird automatisch angezeigt und erfordert keine Einstellung durch den Benutzer.



- Auf das IP bezogene Parameter lassen sich nur einstellen, wenn DHCP nicht aktiviert ist.



Wenn Sie keinen Breitband-Router verwenden

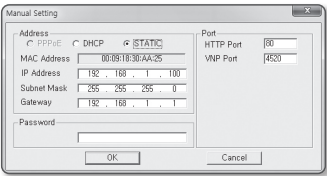
Kontaktieren Sie ihren Netzwerkadministrator für die Einstellung der <IP Address>, <Subnet Mask> und für das <Gateway>.

4. Geben Sie die nötigen Informationen in dem Fenster <Port> an.

- 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.

5. Geben Sie das Kennwort ein.

Geben Sie das Passwort des „admin“ Kontos für den Zugriff auf die Kamera ein.



! Es wird empfohlen, dass Sie für Ihr Passwort aus Sicherheitsgründen eine Kombination aus Zahlen, alphabetischen Groß- und Kleinbuchstaben und Sonderzeichen verwenden.

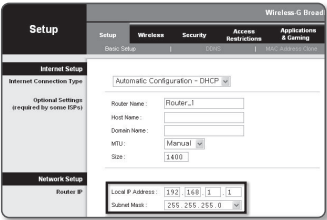
Informationen für das Ändern des Passworts finden Sie in der Online-Hilfe des WebViewer.

6. Klicken Sie auf [OK].

Die manuelle Netzwerkeinstellung ist beendet.

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 21)

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

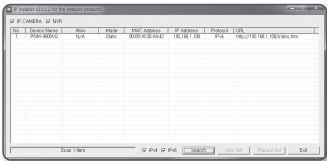
! Wenn der Wert des <HTTP port> nicht 80 ist, müssen Sie die <Port>-Nummer in die Internetadresszeile eingeben, bevor Sie auf die Kamera zugreifen können.
bsp) http://IP-Adresse: HTTP-Port
http://192.168.1.100:8080

Automatische Netzwerkeinstellung

Führen Sie die Datei <IP Installer_v2.XX.exe> aus, um die Kamerasuchliste anzuzeigen.
Anfangs werden sowohl [Auto Set] als auch [Manual Set] grau dargestellt.

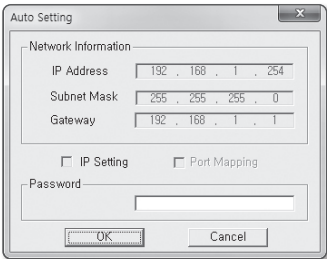
! Für gefundene Kameras mit der Einstellung IPv6 werden diese Schaltflächen grau dargestellt, da die Kameras diese Funktion nicht unterstützen.

1. Wählen Sie eine Kamera aus der Suchliste.
Lesen Sie die MAC-Adresse der Kamera vom Etikett der Kamera ab.
Die Schaltflächen [Auto Set] und [Manual Set] sind nun aktiviert.
2. Klicken Sie auf [Auto Set].
Das Dialogfenster für die Auto Setting erscheint.
Die <IP Address>, <Subnet Mask> und das <Gateway> werden automatisch eingerichtet.
3. Geben Sie das Kennwort ein.
Geben Sie das Passwort des "admin" Kontos für den Zugriff auf die Kamera ein.



! Es wird empfohlen, dass Sie für Ihr Passwort aus Sicherheitsgründen eine Kombination aus Zahlen, alphabetischen Groß- und Kleinbuchstaben und Sonderzeichen verwenden.
Informationen für das Ändern des Passworts finden Sie in der Online-Hilfe des WebViewer.

4. Klicken Sie auf [OK].
Die automatische Netzwerkeinstellung ist beendet.



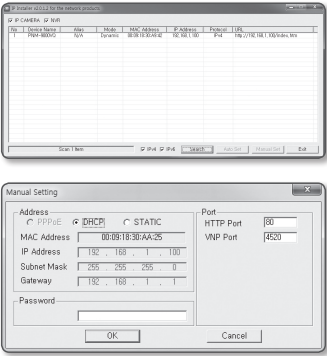
EINSTELLUNG DER DYNAMISCHEN IP

Einstellung der dynamischen IP-Umgebung

- 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

Die dynamische IP überprüfen

1. Führen Sie den IP-Installer auf dem lokalen Computer des Benutzers aus.
Kameras mit **<Dynamic IP>** werden in der Liste angezeigt.
2. Wählen Sie eine Kamera aus den Suchergebnissen aus.
3. Klicken Sie auf die Schaltfläche **[Manual Set]** und prüfen Sie die **<Dynamic IP>** der Kamera.
Wenn die Markierung von **<DHCP>**, gelöscht wird, kann IP auf **<Static>** eingestellt werden.

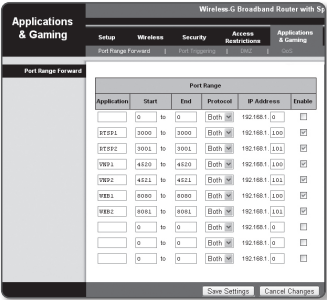


PORTBEREICHWEITERLEITUNG KONFIGURIEREN (PORT MAPPING)

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.



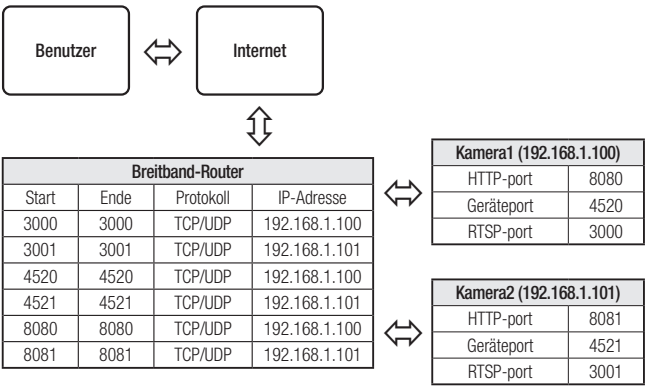
3. Wenn Sie fertig sind, klicken Sie auf **[Save Settings]**.
Ihre Einstellungen werden gespeichert.

- Die oben Beispielanweisungen basieren auf dem CISCO's Breitband-Router.
- 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.

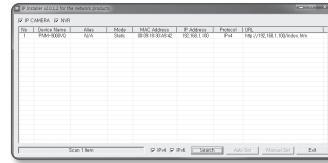
Wenn Kamera 1 und Kamera 2 an einen Router angeschlossen sind :



- 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. Führen den IP-Installer aus.
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

Da die Verwendung des IP-Installers auf einem Remotecomputer der nicht im Netzwerk-Cluster des Breitband-Routersverbunden ist, nicht zugelassen wird, können Benutzer auf die Kameras innerhalb des Breitband-Router-Netzwerks über die DDNS URL der Kamera zugreifen.

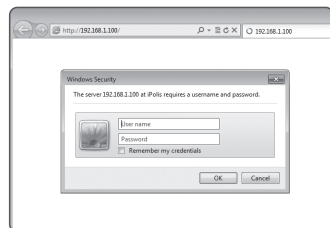
1. Bevor Sie auf eine Kamera im Breitband-Router-Netzwerk zugreifen können, sollten Sie die Portbereichweiterleitung für den Breitband-Router eingestellt haben.
2. Starten Sie den Internetbrowser auf dem entfernten Computer und geben Sie die DDNS-URL der Kamera oder die IP-Adresse des Breitband-Routers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

- Informationen, wie die DDNS zu registrieren ist, können Sie der Einrichtungsanleitung für Netzwerke entnehmen.

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

Falls die Kamera direkt an ein DHCP-basiertes Kabelmodem oder DSL-Modem angeschlossen wird, ändert sich die IP-Adresse bei jedem Versuch, eine Verbindung mit dem ISP (der Firma, die Sie abonniert haben) herzustellen.

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.

Administrator password change

New password

Confirm new password

. If the password is 8 to 9 letters long, then it should be a combination of at least three types upper/lower case alphabets, numbers and special characters.
 . If the password is 10 to 15 letters long, then it should be a combination of at least two types upper/lower case alphabets, numbers and special characters.
 . User name should be different from password.
 . The following special characters are available for use: ~!@#\$%^&*()_+={}|~.~/?
 . Don't use 4 or more characters consecutive together. (examples: 1234, abcd)
 . Don't use 4 or more characters repeated. (examples: 1111, 1111, aaaa)

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.

Windows Security

The server 192.168.1.100 at iPolis requires a username and password.

User name

Password

☐ Remember my credentials

OK Cancel

EINRICHTUNG VON CAMERA WEB VIEWER

1. Klicken Sie auf das **[Einrichten (⚙️)]**-Symbol.
2. Das Fenster für die Einstellungen erscheint.
3. Sie können Einstellungen für die grundlegenden Informationen der Kamera, das Video, das Audio, das Netzwerk, das Ereignis, die Analyse sowie für das Kamerasystem über das Netzwerk konfigurieren.
4. Klicken Sie auf **<Hilfe (🔗)>** um detaillierte Beschreibungen jeder Funktion betrachten zu können.

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, oballe 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.
Die an das Netzwerk verbundene Kamera wird im IP-Installationsprogramm nicht erkannt.	Schalten Sie die Firewall-Einstellungen an Ihrem PC aus und suchen Sie dann die Kamera erneut.

PROBLEM	LÖSUNG
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. - Überprüfen Sie, ob das Objektivmodul einwandfrei arbeitet.
<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>.

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GPL SW

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

LGPL SW

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

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

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



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