

Netzwerkamera NWB6230F v.3 (für NWA-Sets)

Anleitung

1. Einleitung

Lesen Sie diese Hinweise und die Anleitung vollständig durch. Diese Anleitung gehört zu diesem Produkt und enthält wichtige Hinweise zur Inbetriebnahme und Handhabung.

Diese Kamera ist für den Anschluss an ein Indexa NWA-Set. Lesen Sie hierzu die Anleitung des im Set enthaltenen Netzwerk-Videorecorders (NVR).

Beachten Sie immer alle Sicherheitshinweise. Sollten Sie Fragen haben oder unsicher in Bezug auf die Handhabung des Gerätes sein, dann holen Sie den Rat eines Fachmannes ein. Bewahren Sie diese Anleitungen bitte sorgfältig auf und geben Sie sie ggf. an Dritte weiter.

2. Lieferumfang

- 1 x Kamera mit Wandarm
- 3 x Montageschrauben und Dübel 6 mm
- 1 x DC-Stecker mit Schraubklemmen
- 1 x Innensechskantschlüssel
- 1 x Bohrschablone
- 1 x Anschlusshülse RJ45
- 1 x Anleitung

3. Technische Daten und Anschlüsse

- | | |
|------------------------|---|
| Sensor: | 1/2,8 Zoll SONY STARVIS CMOS |
| Objektiv: | 3,6 mm Fix-Objektiv |
| Erfassungswinkel: | 80° horizontal |
| Auflösung: | 1920 x 1080 bei bis zu 25 fps |
| Lichtempfindlichkeit: | 0,06 Lux (F1.4 Farbe); 0,001 Lux (s/w)
0 Lux (mit IR) |
| Tag/Nacht-Umschaltung: | automatischer IR-Filter-Austausch |
| Infrarotausleuchtung: | bis zu 20 m (850 nm) |
| Kompression: | H.265/H.264 / MJPEG |
| Protokolle: | SLINK sowie ONVIF 17.06 |
| Spannungsversorgung: | 12 V DC (Stromverbrauch max. 500 mA)
oder PoE 802.3af
(Leistungsaufnahmemax. 6 W) |

- | | |
|---------------------|-----------------------------|
| Anschlüsse: | RJ45 Ethernet; DC Anschluss |
| Farbe: | weiß ähnlich RAL 9003 |
| Betriebstemperatur: | -10 bis +40° C |
| Schutzart: | IP66 |

4. Ausstattung



- 1 Infrarot-LEDs
- 2 Objektiv
- 3 Helligkeitssensor
- 4 Reset-Taste
- 5 12 V DC-Anschluss
- 6 RJ45-Buchse
- 7 Innensechskantschraube
- 8 Innensechskantschraube
- 9 Halterung

5. Platzierung

Überprüfen Sie am Besten vor der Montage das Kamerabild. Nehmen Sie hierzu das Gerät in Betrieb und halten Sie die Kamera an die gewünschte Stelle. Verändern Sie bei Bedarf die Kameraposition oder stellen Sie das Objektiv ein, bis Sie den optimalen Bildausschnitt gefunden haben.

Achten Sie auf folgende Punkte:

- Die Kamera sollte so angebracht werden, dass möglichst kein direktes Licht oder Sonneneinstrahlung auf das Objektiv fällt, ansonsten kann das Bild übersteuert werden. Platzieren Sie die Kamera in Innenräumen so, dass möglichst keine Beleuchtung und kein Fenster im Bild zu sehen sind. Im Außenbereich sollte die Kamera so hoch angebracht werden, dass sie nach unten schaut und kein Himmel im Bild zu sehen ist. Denken Sie auch daran, dass die Position der Sonne nicht konstant ist.



falsch

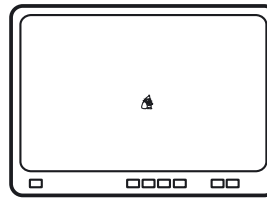
richtig

- Bei Kameras mit integrierter Infrarotbeleuchtung achten Sie darauf, dass sich keine großen hellen Objekte im Nahbereich befinden, da die helle Reflexion des Infrarotlichtes durch diese Objekte zur Übersteuerung führt und der Hintergrund dadurch dunkler erscheint.
- Schützen Sie Kameras mit integrierter Infrarotbeleuchtung möglichst vor Regen, da Regentropfen direkt vor dem Objektiv das Infrarotlicht verstärkt reflektieren.
- Achten Sie darauf, dass der Montageort der Kamera möglichst Staub- und vibrationsfrei ist, und dass eine gute Luftzirkulation gegeben ist.
- Achten Sie darauf, dass sich eine geeignete Durchführungsmöglichkeit für das Spannungsversorgungs- und das Netzkabel am Montageort befindet.
- Wollen Sie die Kamera im Außenbereich montieren, sollte der Montageort nach Möglichkeit vor direktem Regeneinfall geschützt sein. Das Netzgerät muss geschützt sein. Alle Steckverbindungen zum Netzgerätekabel müssen so geschützt werden, dass keine Nässe in die Verbindung gelangen kann.
- Durch die Eigenwärmeentwicklung der Kamera ist in der Regel keine zusätzliche Heizung nötig. Um Kondenswasserbildung im Winter zu vermeiden, muss die Kamera immer mit Spannung versorgt werden. Wird die Kamera für eine längere Zeit ohne Spannungsversorgung betrieben, muss die Kamera aus dem Außenbereich entfernt werden, da sonst Luftfeuchtigkeit in die Kamera eindringen kann.

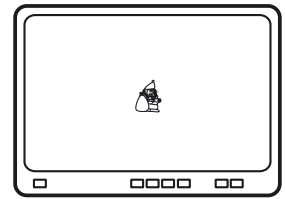
6. Gewünschter Blickwinkel / Detailerkennung festlegen

Entsprechend dem Zweck der Überwachung muss der Blickwinkel festgelegt werden. Je größer der Bildausschnitt, desto weniger Details sind erkennbar.

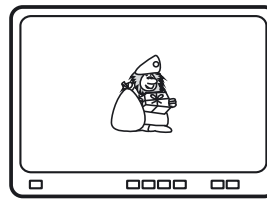
Beispiele der Detailerkennung einer Person:



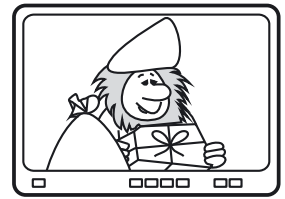
Wahrnehmen



Detektieren

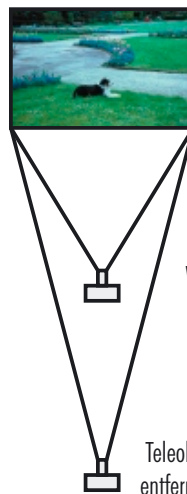


Erkennen



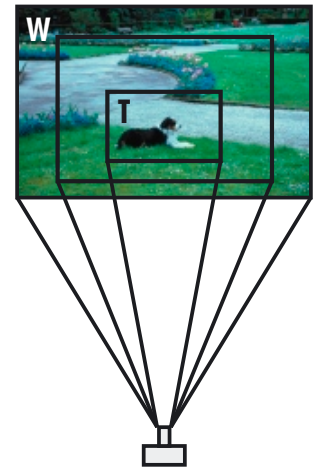
Identifizieren

Das von der Kamera erfasste Bild ergibt sich aus der Entfernung zwischen Kamera und Objekt und dem Objektivwinkel:



Weitwinkelobjektiv
nah beim Objekt

Teleobjektiv weiter
entfernt vom Objekt



Weitwinkelobjektiv und
Teleobjektiv in gleicher
Entfernung zum Objekt

Das Objekt erscheint bei beiden Objektiven gleich groß und deshalb genauso detailliert.



Der Weitwinkel zeigt einen
größeren Bildausschnitt



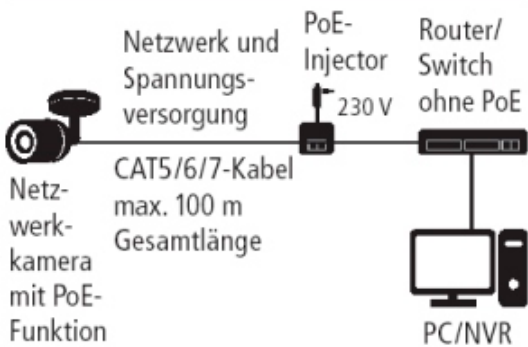
Der Telewinkel zeigt
mehr Details

Ein kleiner Verlust der Detailerkennung durch Bildbearbeitung und Komprimierung muss berücksichtigt werden. Verluste entstehen durch Bearbeitung von Digitalrecordern, durch Aufzeichnung und Wiedergabe und durch Netzwerkübertragung oder Internetübertragung.

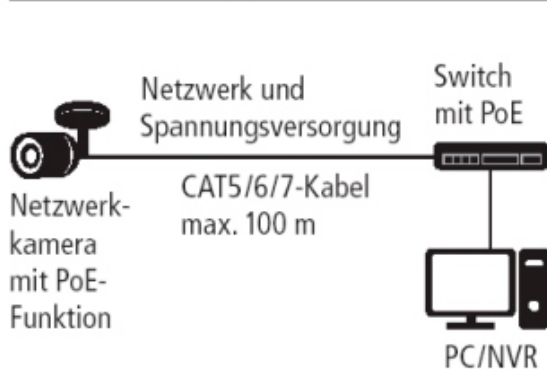
7. Anschluss

1. Die Kamera kann mit einem separaten Netzgerät versorgt werden. Verwenden Sie bei Bedarf den beigefügten DC-Stecker mit Schraubklemmen. Die RJ45-Buchse muss über Netzwerkkabel mit einem Router/Switch verbunden werden.
2. Alternativ kann die Kamera mit PoE verbunden werden. Hierzu muss die Netzwerkleitung mit einem Router/Switch mit PoE Funktion, einem PoE-Injektor, einem PoE-NVR oder einem Powerline-Adapter verbunden werden. Ein Netzgerät ist hier für die Kamera nicht erforderlich..

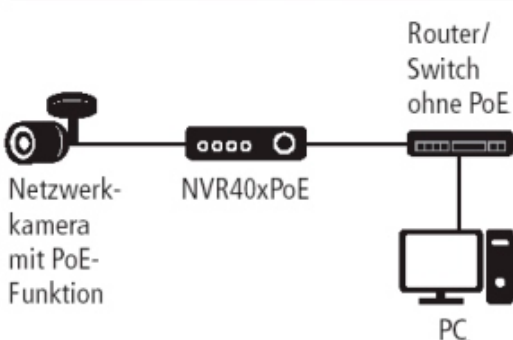
Router/Switch ohne PoE-Funktion, Einsatz eines PoE-Injectors



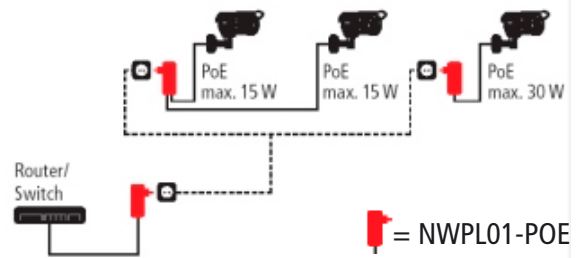
Switch mit PoE-Funktion



NVR mit integrierter PoE-Funktion



Einsatz von PoE-Powerline-Adaptern



8. Montage und Ausrichtung

Die Kamera eignet sich zur Wand- oder Deckenmontage. Verwenden Sie die Befestigungspunkte in der Halterung. Lösen Sie die Innensechskantschrauben, um die Kamera korrekt auszurichten.

9. Verbindung zu NVR

Die Verbindung zu einem NVR der Serie 404/408/416 sowie die Einstellungen der Kamera erfolgen über das Menü des NVR. Der Zugriff auf die Kamera über Netzwerk, Internet oder App erfolgt ebenfalls über den NVR, siehe hierzu die Anleitung des NVR. Zur Verbindung wählen Sie das Protokoll "SLINK".

10. Wartung und Reinigung

- Das Gerät ist wartungsfrei: Öffnen Sie niemals das geschlossene Gehäuse.
- Überprüfen Sie regelmäßig die technische Sicherheit und die Funktion.
- Ziehen Sie vor der Reinigung das Netzgerät aus der Steckdose.
- Äußerlich darf das Gerät nur mit einem weichen, nebelfeuchten Tuch oder Pinsel gereinigt werden.
- Verwenden Sie zur Reinigung keine carbonhaltigen Reinigungsmittel, Benzine, Alkohole oder ähnliches. Dadurch wird die Oberfläche des Gerätes angegriffen. Außerdem sind die Dämpfe gesundheitsschädlich und explosiv. Verwenden Sie zur Reinigung auch keine scharfkantigen Werkzeuge, Schraubendreher, Metallbürsten o.ä.

11. Optionales Zubehör

- Anschlusskasten AK50, Art.Nr. 26607. PG-Verschraubungen zur Seite nach unten und hinten. Abmessungen: 95 x 115 x 45 mm
- Anschlusskasten AK208, Art.Nr. 29298. Bietet Platz für ein ORBIT Netzgerät. Kann auf Masthalterung MH152 montiert werden. Abmessungen: 121 x 45 mm

12. Entsorgung



Die durchgestrichene Mülltonne bedeutet, dass Sie gesetzlich verpflichtet sind, diese Geräte einer vom unsortierten Siedlungsabfall getrennten Erfassung zuzuführen.

Die Entsorgung über die Restmülltonne oder die gelbe Tonne ist untersagt. Sie haben Altbatterien und Altakkumulatoren, die nicht vom Altgerät umschlossen sind, sowie Lampen, die zerstörungsfrei aus dem Altgerät entnommen werden können, vor der Abgabe an einer Erfassungsstelle vom Altgerät zerstörungsfrei zu trennen. Den zuständigen Recyclinghof bzw. die nächste Sammelstelle erfragen Sie bei Ihrer Gemeinde oder unter <https://www.ear-system.de/ear-verzeichnis/sammel-und-ruecknahmestellen>. Außerdem besteht die Möglichkeit der kostenfreien Rücknahme über Ihren Händler. Das Löschen eventuell vorhandener privater Daten vor der Entsorgung obliegt Ihnen als Nutzer.

13. FAQ

Wie lautet die URL für einen RTSP Stream?

Main Stream `rtsp://<IP-Adresse>:554/ch01.264`

Sub Stream `rtsp://<IP-Adresse>:554/ch01_sub.264`

Eine Verbindung mit einem Stream erfordert die Eingabe von Nutzernamen und Passwort. Eine Abfrage kann deaktiviert werden (Setup/NetworkSettings/RTSP validation/Http-Base64).

Gibt es eine Möglichkeit, ein Bild über einen Http-Befehl abzufragen?

Zur Zeit ist keine Abfrage über eine URL mit Http-Befehl möglich.



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2022/12/01

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