

WLAN-Repeater / Access Point

Bedienungsanleitung

1. Einleitung

Lesen Sie diese Bedienungsanleitung vollständig und sorgfältig durch. Die Bedienungsanleitung gehört zu diesem Produkt und enthält wichtige Hinweise zur Inbetriebnahme und Handhabung.

Lesen Sie auch die Bedienungsanleitung der WLAN-Kamera WR100B/WR100D bzw. WR120B/WR120SN und des Systems, mit dem die WLAN-Kamera betrieben wird.

Beachten Sie immer alle Sicherheitshinweise. Sollten Sie Fragen haben oder unsicher in Bezug auf die Handhabung der Geräte sein, dann holen Sie den Rat eines Fachmannes ein.

Bewahren Sie diese Anleitung sorgfältig auf und geben Sie sie ggf. an Dritte weiter.

2. Bestimmungsgemäße Verwendung

Der WLAN-Repeater / Access Point WR100E ist ein Zubehör passend zu den Kameras des Systems WR100.

Bis zu insgesamt vier Kameras (WR100B/WR100D/WR120B/WR120SN) können an einem WR100E angemeldet werden.

Der WR100E kann als WLAN-Repeater zwischen den Kameras WR100B/WR100D/WR120B/WR120SN und dem Recorder WR100R/WR100M oder Empfänger WR100M7 dienen.

Alternativ kann der WR100E als Access Point zwischen den Kameras WR100B/WR100D/WR120B und einem Router/Switch verwendet werden. Hierbei werden die Kameras per WLAN mit dem WR100E verbunden; die Verbindung zwischen WR100E und Router erfolgt per LAN. Die angemeldeten Kameras können an den folgenden Empfängern angemeldet werden:

- Recorder WR100R/WR100M
- Empfänger WR100M7
- INDEXA DVRx22 (ab Lieferung 2019) (WR100E für WR100 Kameras zwingend erforderlich; keine Repeaterfunktion möglich)
- INDEXA NVR4xx (ab Lieferung 2019), nur möglich mit WR120 Kameras und den Kameras WR100Bv.3 und WR100Dv.3 (WR100E für WR100 Kameras zwingend erforderlich; keine Repeaterfunktion möglich)

Wird der WR100E an einen Router/Switch angeschlossen, muss darauf geachtet werden, dass im Netzwerk befindliche Multicast-Geräte (z.B. Mediareceiver) auf demselben Protokoll (IGMP v.2) senden wie der WR100E.

Eine Verkettung mehrerer WR100E ist nicht möglich.

Die Einbindung der Kameras am WR100E erfolgt dank Systemcodierung im Plug and Play-Verfahren.

Das WLAN-Protokoll ist **nicht** kompatibel mit anderen WLAN-Kameras oder Geräten.

Theoretisch können mehrere Geräte im Netzwerk betrieben werden. In der Praxis ist dies jedoch durch die gesamte WLAN-Belastung im Objekt begrenzt. Die Kanäle werden nicht nur von WLAN-Kameras sondern auch von anderen aktiven WLAN-Geräten wie Smartphones oder Notebooks genutzt. In der Regel können bis zu acht WLAN- oder andere Funkgeräte (im 2,4 GHz Bereich) in einem Objekt betrieben werden. Unter Umständen müssen auch die Geräte (im 2,4 GHz Bereich) in der direkten Nachbarschaft berücksichtigt werden. Mehr als vier WLAN-Kameras pro Objekt sind nicht zu empfehlen. Der Betrieb der Geräte muss deshalb vor der endgültigen Montage getestet werden.

Die Spannungsversorgung des WR100E erfolgt über das mitgelieferte Netzgerät, betrieben mit 230V ~ AC, 50 Hz.

Der WR100E ist zur Nutzung im Innenbereich geeignet und für den Betrieb in privaten Haushalten konzipiert.

Jede andere Verwendung oder Veränderung des Gerätes gilt als nicht bestimmungsgemäß und birgt erhebliche Unfallgefahren. Der Hersteller haftet nicht für Schäden, die durch nicht bestimmungsgemäßen Gebrauch oder falsche Bedienung verursacht werden.

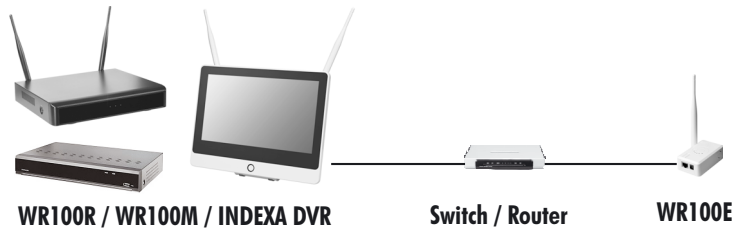
Dieses Gerät ist nicht dafür bestimmt, durch Personen (einschließlich Kinder) mit eingeschränkten physischen, sensorischen oder geistigen Fähigkeiten oder mangels Erfahrung und/oder mangels Wissen benutzt zu werden, es sei denn, sie werden durch eine für ihre Sicherheit zuständige Person beaufsichtigt oder erhalten von ihr Anweisungen, wie das Gerät zu benutzen ist. Kinder müssen beaufsichtigt werden, um sicherzustellen, dass sie nicht mit dem Gerät spielen.

3. Lieferumfang

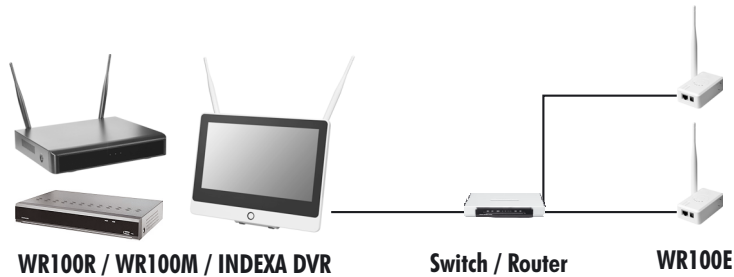
- WR100E
- Netzgerät mit 2,9 m Anschlusskabel
- Befestigungsmaterial
- Bedienungsanleitung
- Schnellanleitung

Anwendungsmöglichkeiten

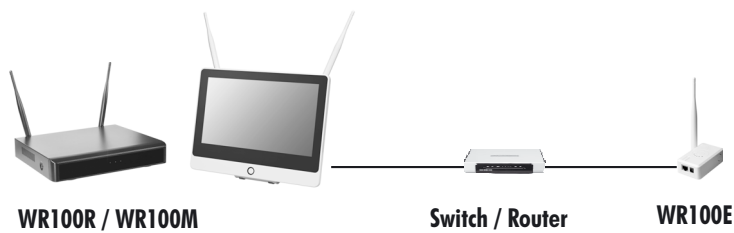
WR100E als ACCESS POINT für max. 4 Kameras



2 x WR100E als 2 ACCESS POINTS für max. 4 Kameras



WR100E als ACCESS POINT für max. 4 Kameras, 1 Kamera kann als Repeater* dienen (mit einem DVR/NVR ist keine Repeater-Funktion möglich)



WR100E als REPEATER für max. 4 Kameras (mit einem DVR/NVR ist keine Repeater-Funktion möglich)



WR100E als REPEATER für max. 4 Kameras, 2 Kameras dienen dabei als Repeater* (mit einem DVR/NVR ist keine Repeater-Funktion möglich)



* Achtung: max. 3 Geräte mit IP-Adresse in Reihe; Kamera WR120SN kann repeateret werden, aber keine andere Kamera repeaten

4. Technische Daten

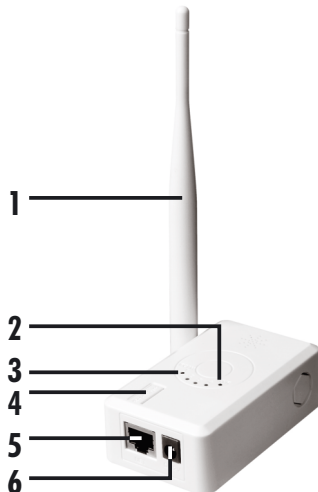
WR100E

| | |
|-------------------------------------|---|
| Betriebsspannung: | 12 V \equiv DC (Netzgerät) |
| Stromaufnahme: | max. 500 mA |
| WLAN: | 802.11 b/g/n (nur mit WLAN-Kameras des WR100 Systems) |
| Frequenzband: | 2,4000 - 2,4835 GHz |
| Abgestrahlte max. Sendeleistung: | 100 mW |
| LAN: | RJ45 |
| Internet Group Management Protocol: | IGMP v.2 |
| ONVIF Standard: | 2.4 (LAN-Verbindung) |
| Anwendung: | IP20 (Innenbereich) |
| Gehäuseabmessungen (mm): | 57 x 94 x 31 |
| Betriebstemperatur: | $\pm 0^\circ$ C bis $+ 40^\circ$ C |

Netzgerät

| | |
|---|------------|
| Modellkennung: | CS-1201000 |
| Eingangsspannung: | 230 V |
| Eingangswechselstromfrequenz | 50 Hz |
| Ausgangsspannung: | 12,0 V DC |
| Ausgangsstrom: | 1,0 A |
| Ausgangsleistung: | 12,0 W |
| Durchschnittliche Effizienz im Betrieb: | 83,6 % |
| Effizienz bei geringer Last: | 79,8 % |
| Leistungsaufnahme bei Nulllast: | 0,06 W |

5. Ausstattung



- 1 Antenne
- 2 LED-Anzeige "NVR": Power-LED; leuchtet bei Nutzung als Repeater (WLAN), blinkt bei Nutzung als Access Point (LAN)
- 3 LED-Anzeige "IPCAM 1/2/3/4" (leuchtet bei angemeldeter WR100 Kamera)
- 4 Taste "Reset/ Sync"
- 5 RJ45-LAN-Anschluss
- 6 Netzgerät-Anschluss

6. Sicherheitshinweise

Die folgenden Hinweise dienen Ihrer Sicherheit und Zufriedenheit beim Betrieb des Gerätes. Beachten Sie, dass die Nichtbeachtung dieser Sicherheitshinweise zu erheblichen Unfallgefahren führen kann.

- ⚠ Gefahr!** Bei Nichtbeachtung dieses Hinweises werden Leben, Gesundheit und Sachwerte gefährdet.
- Lassen Sie Kleinkinder nicht unbeaufsichtigt mit dem Gerät, Verpackungsmaterial oder Kleinteilen! Andernfalls droht Lebensgefahr durch Erstickten!
- Beschädigen Sie bei Bohrarbeiten und beim Befestigen keine Leitungen für Gas, Strom, Wasser oder Telekommunikation! Andernfalls droht Lebens-, Verletzungsgefahr!
- Behandeln Sie die Zuleitungen vorsichtig! Verlegen Sie diese so, dass sie nicht beschädigt werden können und keine Stolpergefahr darstellen. Ziehen Sie die Kabel nicht über scharfe Kanten, und quetschen oder klemmen Sie sie nicht anderweitig ein. Andernfalls drohen Lebens- und Verletzungsgefahr!
- Um Verletzungen vorzubeugen, befestigen Sie den WR100E zuverlässig gemäß den Montageanweisungen.
- Verhindern Sie, dass das Netzgerät mit Feuchtigkeit in Berührung kommt und tauchen Sie die Geräte nicht ins Wasser ein! Andernfalls droht Lebensgefahr!
- Vergewissern Sie sich vor dem Anschluss des Netzgerätes, dass die Spannung 230 V \sim AC, 50 Hz beträgt und mit einem Leitungsschutzschalter abgesichert ist. Andernfalls droht Lebensgefahr durch Stromschlag und Brand!
- Setzen Sie das Gerät und das Netzgerät nicht der Nähe von Feuer, Hitze oder lang andauernder hoher Temperatureinwirkung aus!
- Schützen Sie das Gerät vor starken mechanischen Beanspruchungen und Erschütterungen!
- Schützen Sie das Gerät vor starken magnetischen oder elektrischen Feldern!
- Verwenden Sie das Gerät nur mit den gelieferten Originalteilen oder Originalzubehör!
- Überprüfen Sie vor dem Zusammenbau und der Inbetriebnahme die Lieferung auf Beschädigungen und Vollständigkeit!
- Trennen Sie bei längerem Nichtbenutzen des Gerätes immer das Netzgerät von der Steckdose.
- Schließen Sie kein beschädigtes Gerät (z.B. Transportschaden) an. Trennen Sie bei Beschädigungen inklusive der Verkabelung sofort die Netzspannung. Lassen Sie Schäden sofort durch einen Fachmann beheben. Ziehen Sie das Netzgerät aus der Steckdose. Andernfalls droht Lebensgefahr durch Stromschlag und Brand!
- Dieses System erzeugt und verwendet WLAN. Wenn die Geräte nicht in Übereinstimmung mit der Anleitung installiert und betrieben werden, kann dies eine Störung anderer Geräte zur Folge haben, bzw. können diese durch andere Geräte gestört werden. Versuchen Sie solche Störungen zu vermeiden, indem Sie die Lage der Geräte verändern.

7. Platzierung

Achtung: Montieren Sie die Kamera(s) und den WR100E immer erst nachdem Sie die WLAN-Verbindung zwischen den Komponenten aufgebaut haben.

Bevor Sie den WR100E ggf. montieren, planen Sie zuerst die Montagestelle des WR100E und der Kamera(s). Überprüfen Sie von dort aus vor der Montage die Funktion der Geräte und die WLAN-Übertragung.

- Achten Sie darauf, dass sich in der Nähe des WR100E eine Steckdose befindet. Optional können Sie ein Verlängerungskabel verwenden (s. Kapitel "Optionales Zubehör").

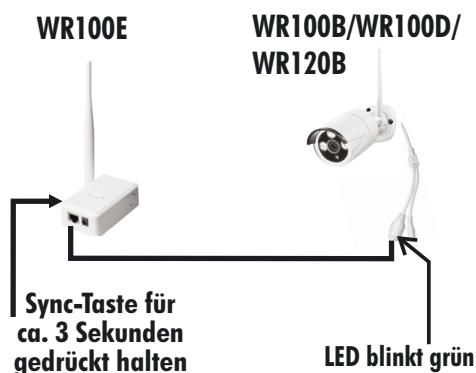
8. Inbetriebnahme des WR100E

- Drehen Sie die Antenne [1] des WR100E so, dass sie möglichst senkrecht steht.
- Verbinden Sie den Kleinspannungsstecker des Netzgerätes mit dem Netzgerät-Anschluss [6] des WR100E.
- Stecken Sie das Netzgerät des WR100E in eine geeignete Steckdose, und warten Sie ca. 30 Sekunden, bis der WR100E vollständig hochgefahren ist und die LED "NVR" [2] dauerhaft leuchtet bzw. in regelmäßigen Abständen blinkt.

9. Eine Kamera am WR100E anmelden

WR100B/WR100D/WR120B

- Verbinden Sie den RJ45-LAN-Anschluss [5] des WR100E über Netzwerkkabel mit der Kamera. Die LED am Kamera-Netzwerk-Anschlusskabel blinkt grün.



- Halten Sie die Taste "Reset/Sync" [4] für ca. 3 Sekunden gedrückt. Die LEDs 1-4 blinken.
- Warten Sie einige Minuten, bis die LEDs 1-4 nicht mehr blinken.
- Trennen Sie nun die Netzwerkkabelverbindung zwischen WR100E und Kamera, die Kamera läuft nach ein paar Sekunden im WLAN-Betrieb weiter.
- Leuchtet LED1 nach 1 Minute noch nicht, führen Sie die Paarung erneut durch, überprüfen Sie, ob die grüne LED am Netzwerk-Anschlusskabel der Kamera blinkt, ob eine LAN-Verbindung zwischen WR100E und der Kamera besteht und ob die Kamera mit Spannung versorgt wird.

WR120SN

- Platzieren Sie den WR100E direkt neben der Kamera.



- Verbinden Sie die Kamera mit Spannung, und warten Sie, bis sie piept (Sollte die Kamera nicht piepen, halten Sie die Reset-Taste an der Kamera für ca. 10 Sekunden gedrückt und warten Sie, bis sich die Kamera kalibriert hat und schließlich piept.)
- Halten Sie die Taste "Reset/Sync" [4] am WR100E für ca. 3 Sekunden gedrückt. Die LEDs 1-4 blinken.
- Warten Sie einige Minuten, bis die LEDs 1-4 nicht mehr blinken. LED1 leuchtet dann entsprechend als Indikator für die erfolgreiche Anmeldung der Kamera 1.
- Wiederholen Sie bei Bedarf den jeweiligen Anmeldevorgang für die weiteren Kameras. Hierbei leuchten entsprechend die LEDs 2-4. Es können bis zu insgesamt vier Kameras an einem WR100E angemeldet werden.

Hinweis:

- Im Kameramenü des Recorders WR100R/WR100M bzw. Empfängers WR100M7 kann es 1-2 Minuten dauern, bis die neu am WR100E angemeldeten Kameras gefunden werden.

Um den WR100E als Repeater zu verwenden, beachten Sie Kapitel 10. Um ihn als Access Point zu verwenden, beachten Sie bitte Kapitel 11.

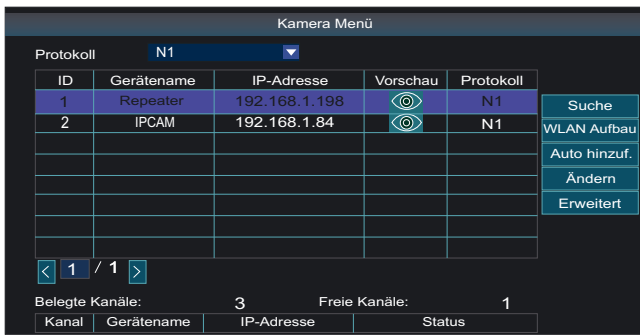
10. WR100E als Repeater verwenden

- Gehen Sie zuerst vor, wie in Kapitel 9 beschrieben.

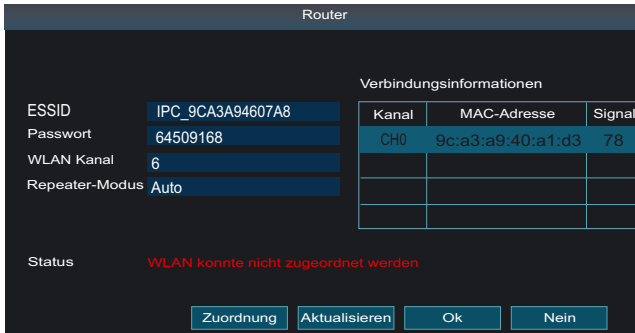
10.1 WR100E am Recorder WR100R/ WR100M anmelden



- Verbinden Sie den WR100E bei Nutzung als Repeater per Netzwerkkabel direkt mit dem Recorder WR100R/WR100M oder einem Router/Switch im gleichen Netzwerk.
- Warten Sie bis die NVR-LED und die LEDs 1-4 (je nach Anzahl der angemeldeten Kameras) wieder leuchten.
- Klicken Sie im Kameramenü auf "Suche" bzw. "Aktualisieren".
- In der oberen Liste erscheint der WR100E (als "Repeater" bzw. "Router").



- Durch Doppelklick auf "Repeater" bzw. "Router" öffnet sich das Menü des WR100E. Der Status "WLAN konnte nicht zugeordnet werden" erscheint in roter Schrift.



- Klicken Sie auf "Zuordnung". Der Status ändert sich zu "WLAN wurde angepasst" in grüner Schrift.
- Klicken Sie auf "OK". Danach kann das Netzkabel wieder entfernt werden.
- Stecken Sie den WR100E aus (spannungsfrei), warten Sie mindestens 30 Sekunden und stecken ihn wieder ein, damit sich die Kamera-IP-Adresse an den Recorder anpasst.

10.2 WR100E am Empfänger WR100M7 anmelden

- Platzieren Sie den Empfänger WR100M7 direkt neben dem WR100E. Der Empfänger muss eingeschaltet sein.

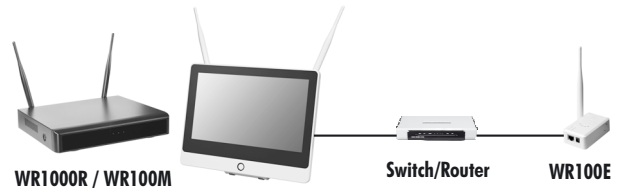


- Achten Sie darauf, dass die NVR-LED und die LEDs 1-4 (je nach Anzahl der angemeldeten Kameras) am WR100E leuchten.
- Halten Sie die Taste "Reset/Sync" [4] für ca. 10 Sekunden gedrückt. Der WR100E verbindet sich nun automatisch mit dem Empfänger WR100M7 und die NVR-LED blinkt kurzzeitig schnell.
- Warten Sie, bis die NVR-LED und die LEDs 1-4 (je nach Anzahl der angemeldeten Kameras) am WR100E wieder leuchten.
- Stecken Sie den WR100E aus (spannungsfrei), warten Sie mindestens 30 Sekunden und stecken ihn wieder ein, damit sich die Kamera(s) an den Empfänger anpassen.

Hinweis: Im Repeater-Menü des WR100M7 wird der WR100E erst angezeigt, wenn eine über ihn verbundene Kamera hinzugefügt wurde.

11. WR100E als Access Point verwenden

- Gehen Sie zuerst vor, wie in Kapitel 9 beschrieben.
- Machen Sie den WR100E spannungslos.
- Verbinden Sie den WR100E bei Nutzung als Access Point per Netzkabel mit einem Router/Switch (gleiches Netzwerk wie Recorder WR100R/WR100M/DVRx22/NVR4xx).

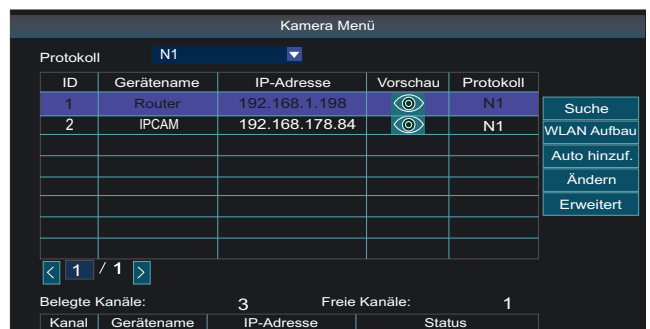


- Schließen Sie das Netzgerät wieder an (der WR100E muss vorher mindestens 30 Sekunden spannungslos gewesen sein). Die IP-Adressen der Kameras passen sich automatisch an das Netzwerk an.

12. Kamera(s) über das Menü hinzufügen

Recorder WR100R/WR100M

- Öffnen Sie das Kameramenü, indem Sie im Livebild per Rechtsklick "Kameramenü" auswählen.
- Falls die Kameras bereits am Recorder WR100R/WR100M angemeldet war, löschen Sie diese aus der unteren Liste des Kameramenüs, indem Sie die Kamera markieren und dann auf "Kanal löschen" klicken.
- Wählen Sie im Kameramenü das Protokoll "N1" aus und klicken Sie auf [Suche] bzw. [Aktualisieren]. Die Kamera wird mit einer an das Netzwerk angepassten IP-Adresse gefunden (Wenn der WR100E vorher mindestens 30 Sekunden spannungslos war)




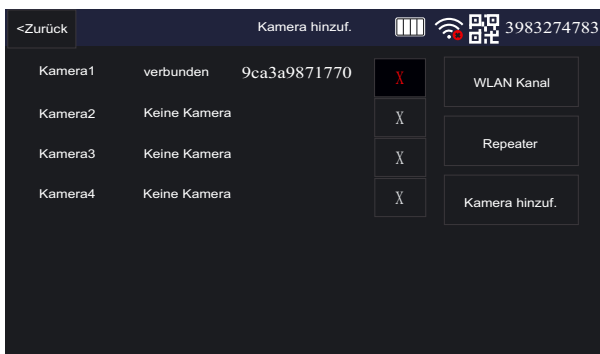
- Klicken Sie doppelt auf die IP-Adresse, damit diese in die untere Liste verschoben wird.
- Sollte nach dem Hinzufügen der Status "abweichendes Netzwerk" erscheinen, löschen Sie die Kamera noch einmal aus

der unteren Liste. Im Anschluss haben Sie folgende Möglichkeiten:

- Den WR100E noch einmal ausstecken, mind. 30 Sekunden warten, danach wieder einstecken. Nachdem der WR100E wieder hochgefahren ist und die LEDs 1-4 entsprechend der Anzahl der angemeldeten Kameras leuchten, suchen Sie die Kameras erneut im Kameramenü, und prüfen Sie, ob die IP-Adresse nach Hinzufügen wieder "abweichendes Netzwerk" anzeigt.
- Klicken Sie auf "Auto hinzuf.". Bestätigen Sie mit "Ja". Alle am WR100E angemeldeten Kameras werden hinzugefügt und die IP-Adressen ggf. angepasst. Nach dem Hinzufügen, wenn die Kamera(s) als erfolgreich verbunden angezeigt werden, muss ggf. noch auf [Beenden] geklickt werden.

Empfänger WR100M7

- Öffnen Sie das Hauptmenü, indem Sie auf das Display und dann auf  tippen.
- Öffnen Sie das Menü [Kamera hinzuf.] und tippen Sie auf "Kamera hinzuf.".



- Wenn alle Kameras, die über den WR100E angemeldet sind, hinzugefügt wurden und als "verbunden" angezeigt werden, tippen Sie auf [Beenden].

DVR

Um WR100/WR120 Kameras mit dem DVR verbinden zu können, gehen Sie vor wie in der DVR-Anleitung für das Hinzufügen von IP-Kameras beschrieben.

- Die Kamera muss über das Protokoll "ONVIF" hinzugefügt werden.
- Der Benutzername ist "admin", die Kamera hat werksseitig kein Passwort.

NVR

Achtung: Es können nur die Kameras WR120B, WR120SN sowie die Kameras WR100B und WR100D (ab Version 3) als WLAN-Kameras für einen NVR verwendet werden.

- Um WR100/WR120 Kameras mit dem NVR verbinden zu können, gehen Sie vor wie in der NVR-Anleitung beschrieben.
- Die Kamera muss über das Protokoll "ONVIF" hinzugefügt werden.

- Der Benutzername ist "admin", die Kamera hat werksseitig kein Passwort.

13. Kamera-IP-Adresse über einen Windows PC anpassen (IPCamSuite)

Wenn keine oder bei mehreren Kameras nur eine IP-Adresse gefunden wird, laden Sie (vor allem bei Nutzung eines DVR oder NVR) die Software "IPCamSuite" über www.indexa.de/w2/download/software/WR100/WR100BDsw.zip herunter.

Stellen Sie bei der Installation die Sprache auf "English" um, und klicken Sie auf den linken Button als Bestätigung. Klicken Sie 4 mal auf [Next], danach auf [Install] und [Finish].

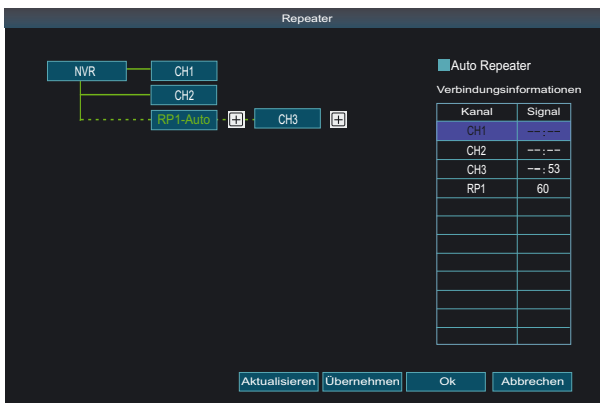
- Öffnen Sie die Software, und stellen Sie oben links die Sprache ggf. auf "Deutsch" um.
- Klicken Sie ggf. auf [Aktualisier].
- Durch einfaches Klicken auf die IP-Adresse werden rechts die IP-Adresse, Subnet Mask, Gateway, Port und Firmware Version angezeigt. Die IP- und Gateway (Router)-Adresse kann manuell geändert und über [Übernehmen] gespeichert werden. Danach muss die Kamera nochmal über [Aktualisier.] gesucht werden.
- Wenn Sie einen Haken vor die Kamera setzen und auf [IP Schnellkonfig] klicken, wird der Kamera automatisch eine neue IP-Adresse zugewiesen.
- Nach Änderung der IP-Adresse kann die Kamera anschließend mit der neuen IP-Adresse über den INDEXA DVR/NVR bzw. den Recorder WR100R/WR100M gesucht und hinzugefügt werden.

14. Verbindungsinformationen und Signalstärke

Die korrekte Anmeldung der Kameras über den WR100E und die Signalstärke können Sie über das Menü am Recorder WR100R/WR100M bzw. am Empfänger WR100M7 auslesen (nicht möglich über DVR/NVR).

Recorder WR100R/WR100M

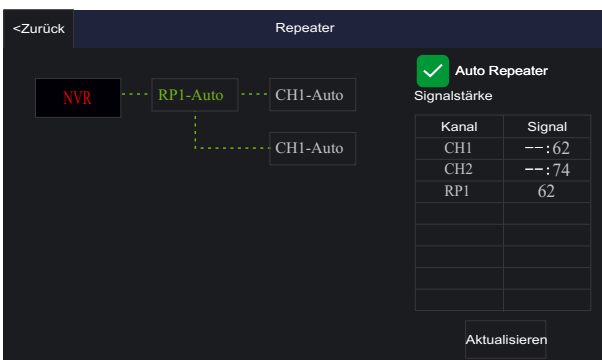
- Durch Doppelklick auf "Repeater" bzw. "Router" in der oberen Liste des Kameramenüs sehen Sie unter "Verbindungsinformationen" die Zuordnung der angemeldeten Kameras zu den Kanälen des WR100R/WR100M, nachdem diese der unteren Liste hinzugefügt wurden.
- Durch Klicken auf "Repeater" unten rechts im Kameramenü, öffnet sich ein Schaubild, welches die Recorder-, Repeater- und Kameraverbindungen anzeigt. Die Verbindungsinformationen rechts zeigen die Signalstärke des Repeaters und der Kameras an, diese sollte mindestens 30 betragen.



gestrichelte grüne Linie: WLAN-Verbindung
 durchgezogene grüne Linie: LAN-Verbindung
 gestrichelte rote Linie: keine Verbindung (WLAN)
 durchgezogene rote Linie: keine Verbindung (LAN)
 Signalstärke sollte mind. 30 betragen

Empfänger WR100M7

- Durch Tippen auf "Repeater" unten rechts im Menü [Kamera hinzuf.], öffnet sich ein Schaubild, welches die Empfänger-, Repeater- und Kameraverbindungen anzeigt. Die Verbindungsinformationen rechts zeigen die Signalstärke des Repeaters und der Kameras an, diese sollte mindestens 30 betragen.



15. Reset

Durch Gedrückthalten der Taste [4] am WR100E für ca. 10 Sekunden wird der WR100E zurückgesetzt. Alle LEDs blinken mehrfach auf.

- Die Kamera-Anmeldungen bleiben bestehen (es sei denn die Kamera wird auf Werkseinstellungen zurückgesetzt).
- Im Kameramenü des Recorders WR100R /WR100M können über das Menü "Repeater" alle angemeldeten Kameras am WR100E gelöscht werden, indem auf die entsprechenden Kameras geklickt und mit "Übernehmen" bestätigt wird. Direkt am WR100E ist es nur möglich, Kameras zu überschreiben.
- Der WR100E befindet sich nach dem Reset wieder im Access Point-Modus und muss bei Nutzung als Repeater wieder mit dem WR100R/WR100M oder einem Router/Switch im gleichen Netzwerk per Netzkabel verbunden werden. Die WLAN-Verbindung muss dann erneut aufgebaut werden.
- Um eine Kamera auf Werkseinstellungen zurückzusetzen, beachten Sie bitte die Anleitung der Kamera.

- Sollte der Reset neben einem Empfänger WR100M7 durchgeführt werden, wird kein Reset durchgeführt, sondern die Verbindung zum Empfänger aufgebaut.

16. Wandmontage

Der WR100E kann aufgestellt bzw. an der Wand montiert werden.

- Bei Wandmontage: Befestigen Sie den WR100E mit den mitgelieferten Schrauben und ggf. Dübel an einer geeigneten Stelle (horizontaler Abstand der Löcher ca. 32 mm). Beachten Sie dabei, dass die Schrauben nicht vollständig in die Wand geschraubt werden: das Gewinde muss noch ca. 2 mm aus der Wand herauschauen, damit der WR100E auf die Schrauben aufgesetzt werden kann.

17. Wartung und Reinigung

- Das Gerät ist wartungsfrei: Öffnen Sie es deshalb niemals.
- 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.

18. Optionales Zubehör

- DC-Verlängerungskabel DC10, schwarz (DC-Stecker auf DC-Kupplung), Länge 10 m. Art. Nr. 32118

19. Vereinfachte EU-Konformitätserklärung



Hiermit erklärt INDEXA GmbH, dass der Funkanlagentyp WR100E der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: <https://www.indexa.de/ce.htm>.

20. Entsorgung



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

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