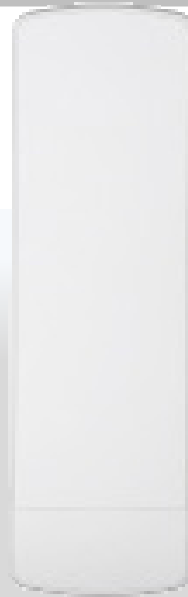Abb. unverbindlich

Lieferumfang:
1x WVT-881*
1x Kurzanleitung und Sicherheitshinweise
1x Montagematerial

Items included in the delivery:
*1x WVT-881**
1x Quick installation guide and security note
1x Mounting material

Besondere Ausstattungsmerkmale:

- Richtfunk für Videoübertragung
- 5GHz Frequenzbereich
- Bis zu 300Mbit/s
- Bis zu 3km Reichweite
- Bis zu 40Mbit/s bei 3km

Special features:

- *Long range wireless transceiver*
- *5GHz freuencey*
- *Up to 300Mbps*
- *Up to 3km transmission distance*
- *Up to 40Mpbs at 3km*

*für den Betrieb einer Richtfunkstrecke werden zwei WVT-881 benötigt. Beachten Sie die lokalen Bestimmungen.
Two WVT-881 are required for operating a directional radio link. Observe the local regulations.

Wichtige Sicherheitshinweise und Warnungen

Der folgende Inhalt befasst sich mit der ordnungs- und bestimmungsgemäßen Verwendung des Radars und der Vermeidung von Gefahren und Sachschäden während des Betriebs. Lesen Sie das Handbuch sorgfältig durch, bevor Sie das Radar benutzen, halten Sie sich strikt an das Handbuch und bewahren Sie es zum späteren Nachschlagen sorgfältig auf.

Betriebsanforderungen

- Stellen oder installieren Sie das System nicht an einem Ort, der dem direkten Sonnenlicht ausgesetzt, oder in der Nähe einer Wärmequelle ist.
- Halten Sie das System von Feuchtigkeit, Staub oder Ruß frei um die Funktion zu sichern.
- Montieren Sie das System an einem stabilen Ort, damit es nicht herunterfallen kann.
- Lassen Sie keine Flüssigkeit auf ungeschützte Stellen des Systems tropfen oder spritzen.
- Betreiben Sie das System innerhalb des Nennbereichs der Leistungsaufnahme und -abgabe.
- Nehmen Sie das System nicht auseinander.
- Transportieren, verwenden und lagern Sie das System unter den zulässigen Feuchtigkeits- und Temperaturbedingungen.
- Sorgen Sie für einen ausreichenden Mindestabstand zu Objekten und Gegenständen im Erfassungsbereich

Elektrische Sicherheit

- Verwenden Sie die in der Region empfohlenen Netzkabel und halten Sie sich an die Nennleistungsspezifikation.
- Verwenden Sie das mit dem System gelieferte Netzteil; andernfalls kann es zu Verletzungen von Personen und zu Geräteschäden kommen.

Important safty warning

The following content deals with the proper and intended use of the radar and the avoidance of hazards and property damage during operation. Read the manual carefully before using the radar, strictly adhere to the manual and keep it in a safe place for future reference.

Operating Requirements

- Do not place or install the system in a location exposed to direct sunlight, or near a heat source.
- Keep the system free from moisture, dust or soot to ensure proper operation.
- Mount the system in a stable place so that it cannot fall down.
- Do not allow liquid to drip or splash on unprotected areas of the system.
- Operate the system within the rated range of power input and output.
- Do not disassemble the system.
- Transport, use and store the system under the permissible humidity and temperature conditions.
- Ensure a sufficient minimum distance to objects and objects in the detection range.

Electrical Safety

- Use the regionally recommended power cords and adhere to the rated power specification.
- Use the power supply provided with the system; failure to do so may result in personal injury and equipment damage.

Technische Zeichnung / *Technical drawing*
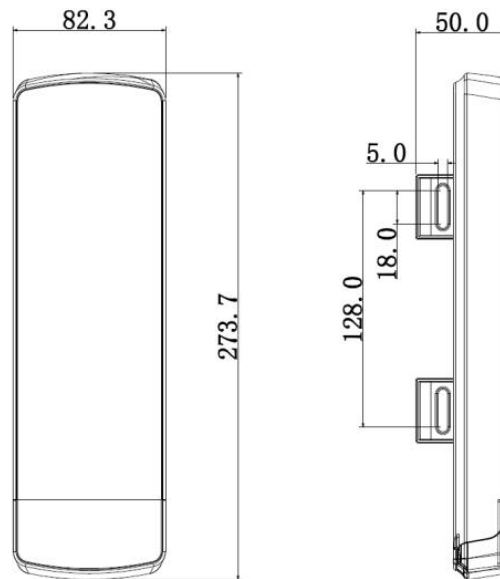
Alle Angaben in mm [inch]. Zeichnung nicht maßstabsgerecht. Irrtum, technische Änderungen, geringe Maß- und Gewichtsdifferenzen vorbehalten.
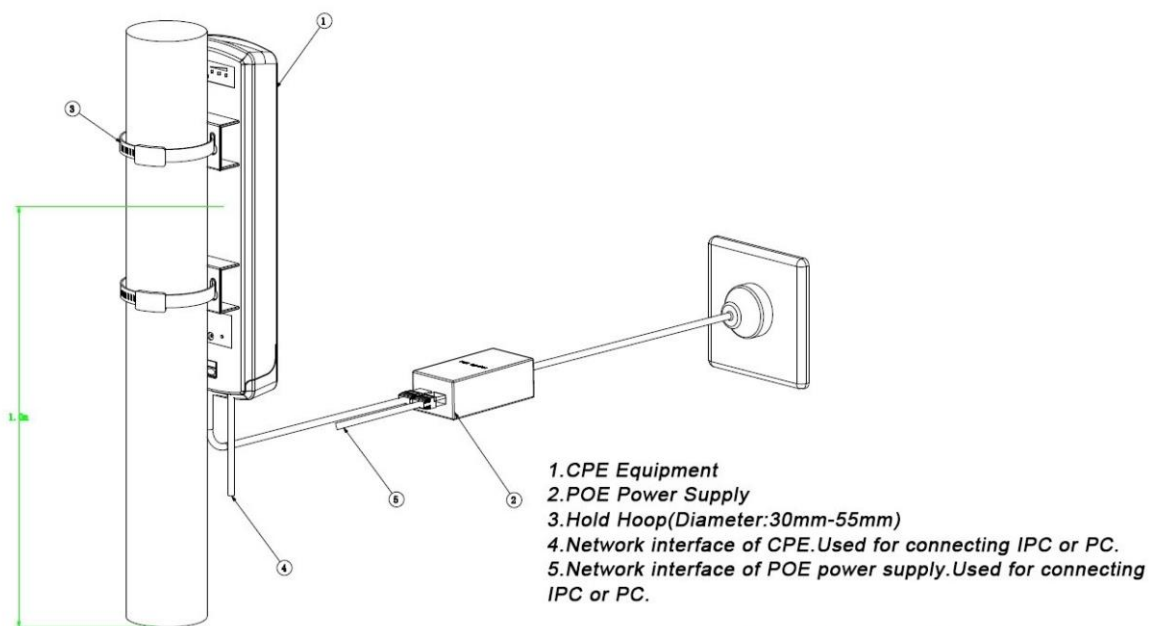
All dimensions in mm[inch]. Drawings not true to scale. We reserve the right to change technical specifications including slight variation in size and weight, technical changes, errors excepted.

Spezifikation / *Specifications*

Wireless Features	
Wireless Standard	IEEE802.11 a/n
Working Frequency	5745~5825MHz(extended range: 4920~6100MHz)
Wireless Speed	300Mbps
Modulation Mode	OFDM
Antenna	Built-in antenna: gain 15dBi
Output Power	27dBm (max)
Receiving Sensitivity	-74dBm@65Mbps, -96dBm@1Mbps
Transmission Distance	0-3KM
Wireless Direction Angle	Horizontal 40°, vertical 15°
Hardware	
Power	1*PoE RJ45(IN: 220V, OUT: 24V/0.5A);
Power Consumption	Max. 8W
Ethernet Port	1*LAN RJ45 + 1*LAN RJ45 from passive PoE adapter
Indicator Light	Wi-Fi status indicator light / LAN port indicator light / Power indicator light / Signal intensity indicator light
Working Temperature	-30℃～+70℃
Storage Temperature	-30℃～+80℃
Working Humidity	5%～95%RH(no condensation)
Equipment Dimension	280mmx30mmx80mm
Equipment Weight	0.45Kg
Mast Diameter	40mm~60mm

Software	
Encryption Type	WEP/WPA-PSK/WPA2/CCMP(AES)/TKIP
Network Mode	Route/Network Bridge
Working Mode	Access Point/Client/WDS AP/WDS client/WDS Repeater
Security Mechanism	IP/MAC address filtering, hide network name, etc.
Network Protocol	TCP/UDP/ARP/ICMP/DHCP/HTTP/NTP
TDMA Enhancement	Support(TDMA eliminate hidden nodes influence and greatly improve one-to-many performance)
Auto ACK Timing Adjustment	Support(Auto optimize parameter within long-distance communication and make the performance optimal)
Management and Log	NTP, SNMP, Syslog, Telnet
Webpage Configuration Management	Support webpage configuration
Firmware Update	Support firmware webpage update
Long-Distance Communication Throughput Rate	≤40Mbps@3km
Bandwidth Flexible	5M/10M/20M/40MHz

Schematischer Aufbau / *Line connection*

1.CPE Equipment
2.POE Power Supply
3.Hold Hoop(Diameter:30mm-55mm)
4.Network interface of CPE.Used for connecting IPC or PC.
5.Network interface of POE power supply.Used for connecting IPC or PC.

Note: the recommended installation height is 4m, and no barrier between two points. The actual installation height is determined by the installation environment.

Port Beschreibung / *Port description*

Port	Beschreibung	Description
POE	Versorgen Sie den WVT-881 mit 24V Versorgung und Datenübertragung durch Anschluss von Twisted-Pair mit POE-Port.	Provide WVT-881 with 24V power supply and data transmission by connecting twisted-pair with POE port.
LAN	Kann verwendet werden, um die IP-Kamera genau wie den "LAN"-Anschluss anzuschließen, Sie können einen der beiden LAN-Anschlüsse wählen, um das Debugging des Geräts durchzuführen	Can be used to connect IP camera just like "LAN" port, can choose either LAN port to do the device debugging.

System Beispiel / *Example*

Back-to-Back Wired Connection
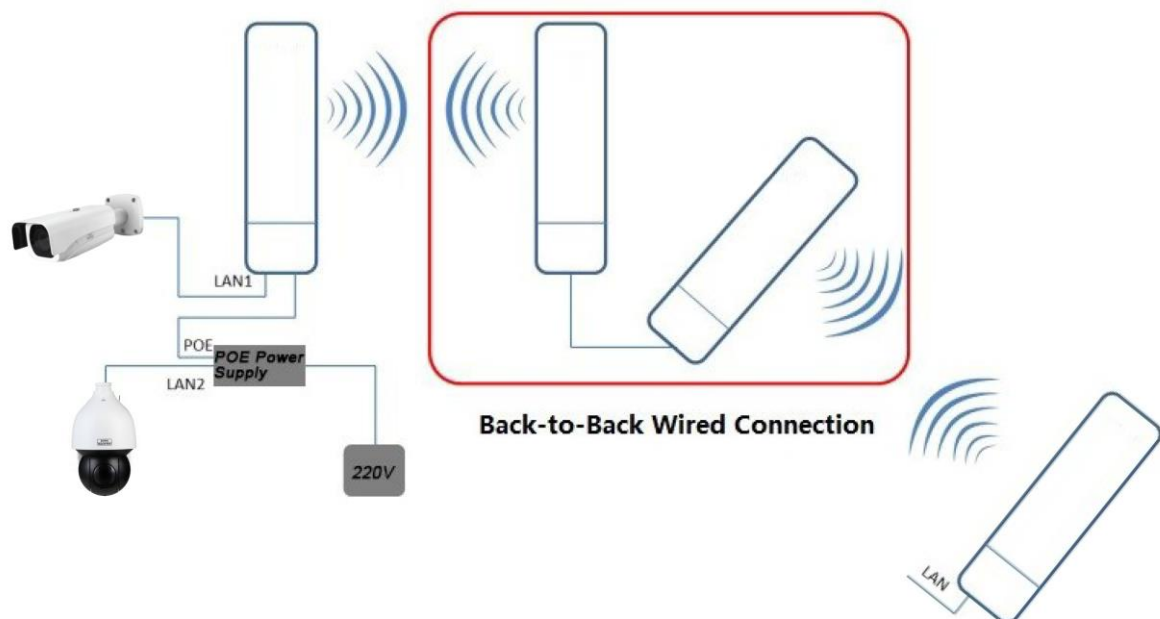
Inbetriebnahme

- Installieren Sie das System am gewünschten Ort.

- Schließen Sie das System an die Betriebsspannung / PoE an.

- Installieren Sie den IP-Finder und öffnen Sie das Webinterface des Systems

  - **Username: admin**
  - **Password: admin**

Download IP-Finder: Link

Getting started

- *Install the system in the desired location.*

- *Connect the system to power / PoE.*

- *Install the IP-Finder and open devices webinterface*

  - **Username: admin**
  - **Password: admin**

Download IP-Finder: Link

www.Santec-Video.de ► Downloads & Software ► SANTEC IP-Finder & Config Tool

Schritt 1 Konfigurieren Sie die Host-IP-Adresse mit "192.168.1.x "(x kann nicht 36 sein) Zum Beispiel 192.168.1.180

Step 1 Configure host IP address with "192.168.1.x "(x can't be 36) For example 192.168.1.180
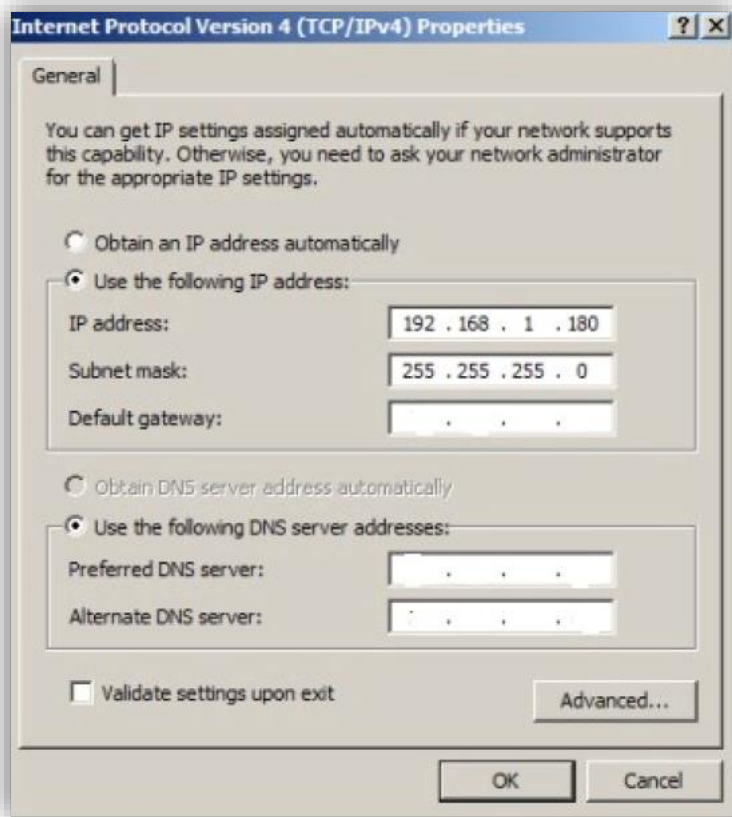
Schritt 2 Geben Sie die Standard-IP-Adresse 192.168.1.36 des WVT-881-Geräts in den Browser ein, das System öffnet die Startseite.

Step 2 Enter the default IP address 192.168.1.36 of WVT-881 equipment in the browser, the system will display login page.
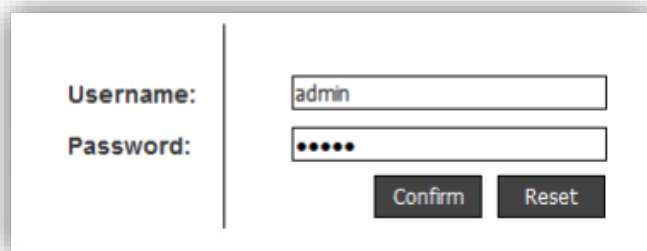
Schritt 3 Geben Sie den Benutzernamen und das Passwort ein (der Standardwert für Benutzernamen und Passwort ist admin) und klicken Sie auf "Confirm". Das System zeigt die Seite der Statusanzeige an, die den Betriebszustand des Geräts, die aktuelle Einstellung, die Softwareversion und einige andere grundlegende Informationen enthält.

Step 3 Enter user name and password (the default of both user name and password is admin), click "login". The system displays the page of status display, which includes the equipment's working condition, current setting, software version and some other basic information.
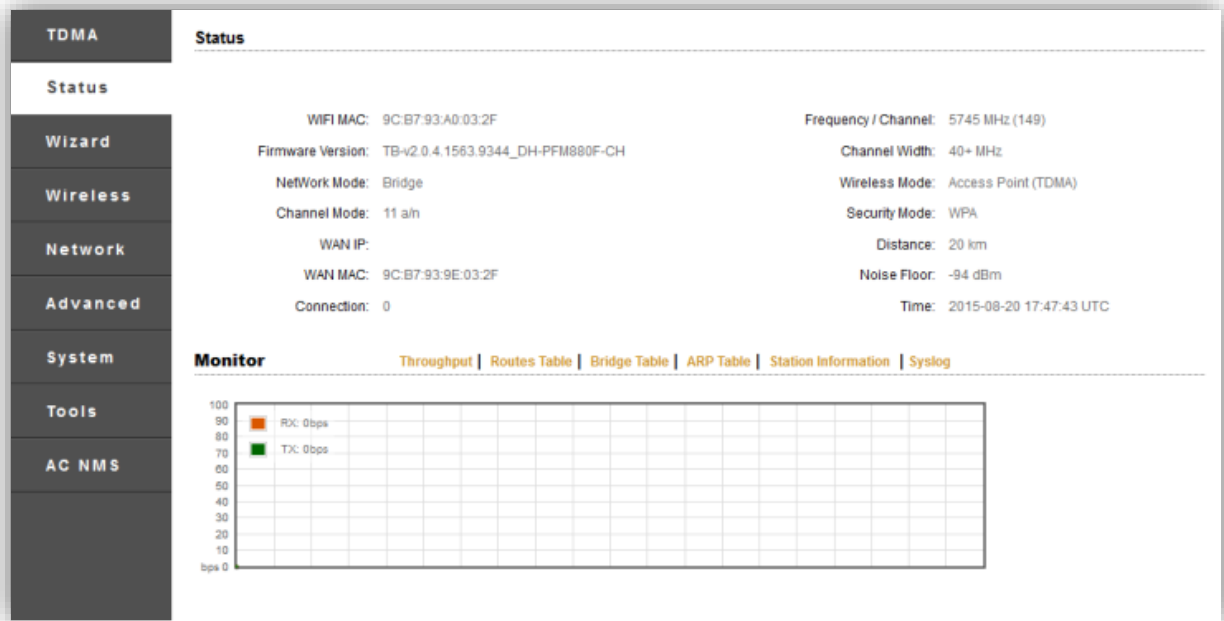
Schritt 4 Klicken Sie auf der linken Seite auf "Setup-Assistent", der dem Benutzer helfen kann, das Gerät sehr schnell zu konfigurieren schnell zu konfigurieren, z. B. Netzwerk-konfiguration, Wireless-Modus usw. Sie können auf die entsprechende Konfigurationsseite aufrufen, indem Sie auf das Menü links auf der Seite klicken. Es werden grundlegende Netzwerkparameter-Konfiguration angezeigt. Die Standardkonfiguration des Geräts ist "Bridge Mode", die IP-Adresse des LAN-Ports ist "192.168.1.36", daher wird den Benutzern dringend empfohlen, die IP-Adresse zu ändern, sobald sie das Gerät anmelden.
Hinweis: Die IP-Adresse des Geräts ist innerhalb desselben LANs eindeutig, achten Sie also darauf, die IP Adresse entsprechend dem Design zu ändern und sicherzustellen, dass die IP-Adresse innerhalb desselben Netzwerks nicht in Konflikt gerät.

Step 4 Click "setup wizard" on the left, which can help users to configure the equipment very quickly, such as network configuration, wireless mode and etc. You can also enter the corresponding configuration page by clicking the menu on the left side of the page. It will display basic network parameter configuration. The equipment default configuration is "Bridge Mode", the IP address of LAN port is "192.168.1.36", so the users are strongly advised to modify the IP address as soon as they login the equipment.
 Note: The equipment IP is unique within the same LAN, so pay attention to modify the IP address according to the design and make sure IP won't conflict within the same network.

Schritt 5 Klicken Sie auf "Weiter" und es werden die grundlegende Konfiguration der drahtlosen Parameter und die Optionen für die drahtlose Verschlüsselungsoptionen. Die beiden am häufigsten verwendeten Drahtlos-Modi von Geräten sind "Client" und "Access Point". Innerhalb desselben LAN sollte der Server in Übereinstimmung mit der drahtlosen Verschlüsselungsoption, der Netzwerk-namenoption und der Passwort Option des drahtlosen Client-Geräts übereinstimmen.
Anmerkung:
Im "Station"-Modus wird das Gerät, das die Kameraseite verbindet, im Allgemeinen im Client-Modus betrieben.

Step 5 Click "Next" and it will display basic wireless parameter configuration and wireless encryption options. Two most commonly used wireless modes of equipment are "Client" and "Access Point". Within the same LAN, the server should be in accordance with wireless encryption option, network name option and password option demand of client wireless device.
Note:
Under "Station" mode, the equipment which connects camera end is generally set as client mode.

Schritt 6 Klicken Sie auf "Weiter" und es wird die Seite "Wizard-Finish" angezeigt.

Step 6 Click "Next" and it will display "Wizard-Finish" page.

Schritt 7 Klicken Sie auf die Schaltfläche "Ändern", um alle Einstellungen zu speichern, und dann auf die Schaltfläche "Übernehmen", damit Ihre Einstellungen übernommen werden. Sie können auch auf "Last" klicken, um die vorherige Konfiguration zu ändern.

Step 7 Click "Change" button to save all the settings, then click "Apply" button to make your settings valid. You can also click "Last" to modify previous configuration.
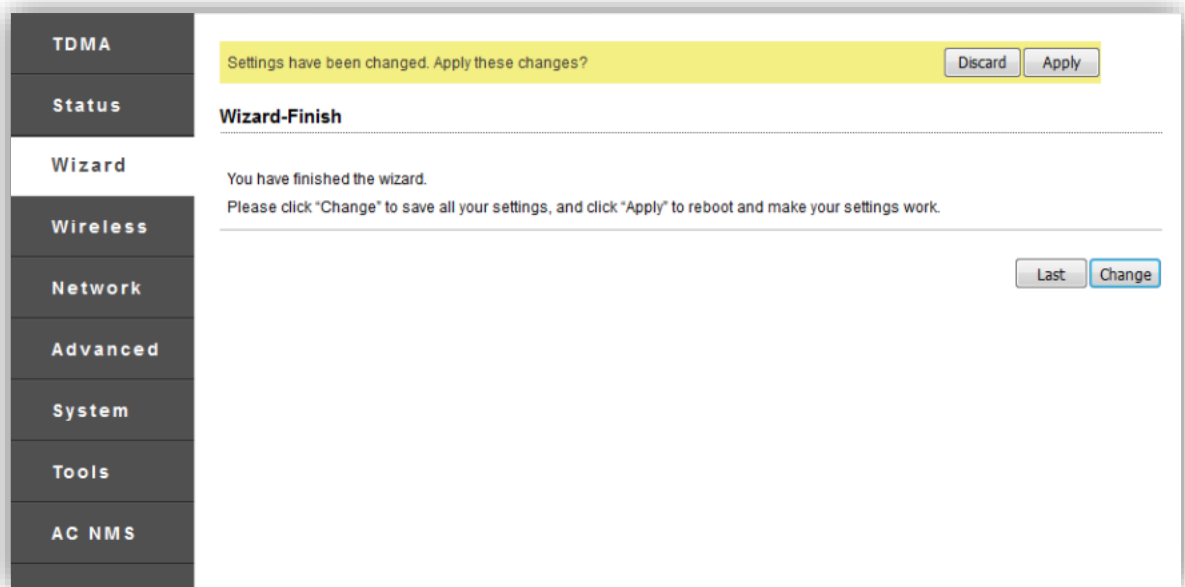
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Die BURG-WÄCHTER KG folgt der branchen-üblichen Praxis bei der Produkt- / Softwareprüfung und dem Umgang mit gefundenen Schwachstellen von Produkten und Produktsoftware, um das Risiko für Kunden zu minimieren. Leider kann für eine vollständige Sicherheit von Produkten, Software und Diensten, die nach bestem Wissen und Gewissen erstellt und geprüft werden, eine vollständige Fehler-freiheit, die nicht von möglicherweise böswilligen Angreifern überwunden werden kann, nicht gänzlich garantiert werden. Dies betrifft nicht nur BURG-WÄCHTER Geräte, sondern vielmehr die All-gemeinheit von vernetzbaren Geräten die über Kommunikationsschnittstellen und Dienste verfügen. Die BURG-WÄCHTER KG kann garantieren, dass wir uns bemühen das Risiko auf ein Minimum zu reduzieren.

Die Behebung von Schwachstellen ist ein fortlaufender Prozess, da immer neue Schwachstellen, u.a. in Netzwerkprotokollen und Diensten, gefunden werden und nicht gänzlich ausgeschlossen werden können.

Bei Fragen zum Produkt oder dessen Einrichtung wenden Sie sich bitte an: camera-service@burg.biz

Cyber security information

The BURG-WÄCHTER KG follows the industry-standard practice of dealing with found product weaknesses and product software in order to minimize the risk for customers. Unfortunately, for complete security of products, software and services that are created and verified to the best of our knowledge and belief, complete freedom from errors that can't be overcome by potentially malicious attackers can't be fully guaranteed. This does not only apply to devices of BURG-WÄCHTER devices, but rather to the generality of networkable devices. BURG-WÄCHTER can guarantee that we try to reduce the risk to a minimum.

Fixing vulnerabilities is an ongoing process because there are always new vulnerabilities, e.g. in network protocols and services, and can't be completely excluded.

If you have any questions, please contact camera-service@burg.biz

DSGVO Hinweis

Beim Einsatz von Videosicherheitssystemen werden personenbezogene Daten in auto-matisierter Form erhoben, verarbeitet und genutzt. Derartige Daten stehen unter dem Schutz der DSGVO, die als EU-Verordnung direkt in Deutschland Anwendung findet. Verantwortlich für den Betrieb und die Ver-arbeitung der Daten ist der Betreiber der Anlage. Bei der Installation der Videosicherheits-anlage sind geeignete technisch-, organisatorische Maßnahmen zur Wahrung der Persönlich-keitsrechte Betroffener zu ergreifen.

GDPR information

When using video security systems, personal data is collected in an automated manner, processed and used. Such data are under the protection of the GDPR, which is direct as an EU regulation. The operator of the system is responsible for the operation and processing of the data. When installing the video security system, appropriate technical and organizational measures must be taken to safeguard the personal rights of those affected.

Allgemeine Sicherheitshinweise

- Vor Inbetriebnahme des Gerätes sollte dieses Handbuch sorgfältig gelesen und als Nachschlagewerk verwahrt werden.
- Vor jeder Reinigung muss das Gerät ausgeschaltet und von der Betriebsspannung getrennt werden. Benutzen Sie für die Reinigung ein feuchtes Tuch.
Benutzen Sie keine scharfen Reinigungsmittel oder Sprühdosen. Das Typenschild darf nicht ersetzt werden.
- Benutzen Sie keine Zusatzgeräte, die nicht vom Hersteller des Gerätes empfohlen wurden. Diese können die Funktionalität des Gerätes beeinflussen und schlimmstenfalls Verletzungen und einen elektrischen Schlag herbeiführen oder sogar Feuer auslösen.
- Betreiben Sie das Gerät niemals in der Nähe von Wasser oder anderen Flüssigkeiten.
- Das Gerät sollte an einem sicheren Ort und auf fester Unterlage gemäß den Angaben des Herstellers installiert werden. Schweres Gerät sollte mit großer Sorgfalt transportiert werden. Schnelle Halts, übermäßige Krafteinwirkungen und unebener Boden können die Ursache sein, dass das Gerät zu Boden fällt und schweren Schaden an Personen und anderen Objekten verursacht.
- Eventuell am Gerät befindliche Öffnungen dienen der Entlüftung und schützen das Gerät vor Überhitzung. Diese Öffnungen dürfen niemals zugedeckt oder zugestellt werden. Sorgen Sie dafür, dass das Gerät nicht überhitzt wird.
- Verwenden Sie nur die empfohlene Betriebsspannungsversorgung. Wenn Sie nicht sicher sind, ob die am Installationsort vorhandene Stromversorgung verwendet werden kann, fragen Sie Ihren Händler.
- Ein Gerät, das von einer polarisierten Stromversorgung versorgt wird, hat meistens als Sicherheitsvorkehrung einen Netzanschlussstecker mit unterschiedlichen Klinken, welche nur auf eine Art und Weise mit der Netzsteckdose verbunden werden können. Versuchen Sie niemals, diese Sicherheitsvorkehrung eines polarisierten Steckers außer Betrieb zu setzen.
- Wenn das Gerät eine Stromversorgung mit Erdungsanschluss erfordert, dann sollte es auch nur an eine entsprechende Netzsteckdose mit Erdungsanschluss angeschlossen werden. Steht eine solche Schukosteckdose nicht zur Verfügung, dann sollte sie von einem Elektriker installiert werden.
- Anschlusskabel sollten so verlegt werden, dass man nicht darauf treten kann oder dass sie durch herab fallende Gegenstände beschädigt werden können.
- Bei einem Gewitter oder bei längerer Nutzungspause sollte das Gerät immer von der Betriebsspannung getrennt werden. Lösen Sie auch andere Kabelverbindungen. Auf diese Weise schützen Sie das Gerät vor Blitzschäden oder Stromstößen.
- Setzen Sie Netzsteckdose und Netzkabel niemals einer Überbelastung aus. Feuer und elektrische Schläge können die Folge sein.
- Stecken Sie niemals Gegenstände durch die Öffnungen des Geräts. Sie können Spannungs- führende Teile berühren und einen elektrischen Schlag erhalten.
- Vergießen Sie auch niemals Flüssigkeiten über das Gerät.
- Bei Betriebsstörungen oder einem vollständigen Betriebsausfall schalten Sie das Gerät aus und trennen es von der Versorgungsspannung. Versuchen Sie niemals, selbst Wartungs- oder Reparaturarbeiten bei geöffnetem Gehäuse durchzuführen, da Sie sich gefährlichen Spannungen aussetzen. Überlassen Sie Wartungs- oder Reparaturarbeiten ausschließlich qualifizierten Fachwerkstätten.
- Als Ersatzteile dürfen nur Teile verwendet werden, die vom Hersteller zugelassen wurden oder solche, die identische Leistungsdaten aufweisen. Nicht genehmigte Ersatzteile können zu Schäden an Personen (elektrischer Schlag) und Gerät (Feuer) führen.
- Nach jeder Wartung oder Reparatur des Geräts muss das Gerät auf einwandfreien Betrieb überprüft werden.
- Die Installation des Geräts darf nur von qualifiziertem Personal ausgeführt werden und muss den örtlichen Spezifikationen und Vorschriften entsprechen, beachten Sie die Datenschutz Grundverordnung.
- Bei Einsatz dieser Kamera an Orten mit stark unterschiedlichen Lichtverhältnissen ist die Blendeneinstellung anzupassen.
- Bitte beachten Sie im Fall der Entsorgung unbrauchbarer Geräte die geltenden gesetzlichen Vorschriften.

Dieses Symbol bedeutet, dass elektrische und elektronische Geräte am Ende ihrer Nutzungsdauer vom Hausmüll getrennt entsorgt werden müssen. Bitte entsorgen Sie das Gerät bei Ihrer örtlichen kommunalen Sammelstelle.

Bei Kameras mit einem IR-Scheinwerfer:
Bewahren Sie stets einen Abstand von > 1m, um gesundheitlichen Schäden vorzubeugen.
Schauen Sie nie direkt in den IR-Scheinwerfer hinein, um Augenschäden zu vermeiden.

CE Richtlinien
Vorsicht: Änderungen und Modifizierungen, die nicht ausdrücklich durch die zuständige Genehmigungsbehörde genehmigt worden sind, können zum Entzug der Genehmigung zum Betreiben des Gerätes führen. Dieses Gerät entspricht den CE-Richtlinien.

General safety precautions and safety instructions

- Before operating the appliance, please read this manual carefully and retain it for further reference.
- Before cleaning the appliance, it has to be switched off and unplugged from the power outlet. Wipe the appliance with a soft damp cloth.
  Do not use harsh cleansers or aerosols for cleaning. The type label may not be replaced.
- Do not use attachments unless recommended by the manufacturer as they may affect the functionality of the appliance and result in the risk of fire, electric shock or injury.
- Never install the appliance in areas exposed to water or other liquids.
- The appliance has to be installed in a safe and stable location which is able to carry the weight of the appliance. Quick stops, excessive force, and uneven surfaces may cause the appliance to fall causing serious injury to persons and damage to objects.
- Openings in the appliance, if any, are provided for ventilation to ensure reliable operation of the appliance and to protect if from overheating. These openings must not be covered or blocked. Please make sure that the appliance does not overheat.
- The appliance should only be operated from the type of power source indicated on the marking label. If you are not sure of the type of power supplied at the installation location, please contact your local dealer.
- An appliance which is powered through a polarized plug (a plug with one blade wider than the other) will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug into the outlet, try reversing the plug. Do not defeat the safety purpose of the polarized plug.
- If the appliance is powered through a grounding-type plug, the plug will only fit into a grounding-type power outlet. This is a safety feature. If your outlet does not have the grounding plug receptacle, contact your local electrician.
- Route power cords and cables in a manner to protect them from damage by being walked on or pinched by items places upon or against them.
- For protection of the appliance during a lightning storm or when it is left unattended and unused for a longer period, unplug the appliance from the wall outlet. Disconnect any antennas or cable systems that may be connected to the appliance. This will prevent damage to the appliance due to lightning or power-line surges.
- Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.
- Never insert items into the openings of the appliance. They may touch parts under electric current which may cause an electric shock.
- Never pour any liquids over the appliance.
- In case of any operating interruption or a complete operating failure please switch off the appliance and disconnect it from the wall outlet. Never attempt to service or repair the appliance yourself, as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
- When replacement parts are required, be sure that the service technician uses replacements parts specified by the manufacturer or that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.
- Upon completion of any service or repairs to the appliance, ask the service technician to perform safety checks to verify that the appliance is in proper operating condition.
- The appliance must only be installed by qualified service personnel and has to comply with local specifications and regulations, e.g. GDPR.
- At the installation site, the camera has to be adjusted to the given light conditions (see OSD).
- Please respect the local legal regulations on waste if you need to dispose of discarded appliances.

This symbol means that electrical appliances need to be disposed of properly and not simply with unsorted household refuse. Please respect local regulations on waste disposal.

For cameras equipped with IR LEDs:
Please make sure to always keep a distance of > 1m to avoid damages to your health. Never look directly into the IR-LEDs – this may cause eye damages!

CE compliance
Attention: Any changes or modifications to this appliance which have not been explicitly approved of by the respective regulatory authority, may lead to a prohibition of usage of this appliance.
This appliance complies with the CE guidelines.

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Bitte richten Sie Ihre entsprechende Anfrage an:

SANTEC BW AG	Tel: +49 2358 905 490
Wormgermühle	Fax: +49 2358 905 4490
58540 Meinerzhagen	E-Mail: camera-service@burg.biz
Deutschland	

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Please send your request to the following address:

SANTEC BW AG	*Tel: +49 2358 905 490*
Wormgermühle	*Fax: +49 2358 905 4490*
58540 Meinerzhagen	*E-Mail: camera-service@burg.biz*
Germany	

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Preamble
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