



# Wireless Input Expander

## User's Manual








# Foreword

## General

This manual introduces the functions and operations of the wireless input expander (hereinafter referred to as the "input expander").

## Safety Instructions

The following signal words might appear in the manual.

Signal Words	Meaning
 <b>DANGER</b>	Indicates a high potential hazard which, if not avoided, will result in death or serious injury.
 <b>WARNING</b>	Indicates a medium or low potential hazard which, if not avoided, could result in slight or moderate injury.
 <b>CAUTION</b>	Indicates a potential risk which, if not avoided, could result in property damage, data loss, reductions in performance, or unpredictable results.
 <b>TIPS</b>	Provides methods to help you solve a problem or save time.
 <b>NOTE</b>	Provides additional information as a supplement to the text.

## Revision History

Version	Revision Content	Release Time
V1.0.0	First release.	October 2021

## Privacy Protection Notice

As the device user or data controller, you might collect the personal data of others such as their face, fingerprints, and license plate number. You need to be in compliance with your local privacy protection laws and regulations to protect the legitimate rights and interests of other people by implementing measures which include but are not limited: Providing clear and visible identification to inform people of the existence of the surveillance area and provide required contact information.

## About the Manual

- The manual is for reference only. Slight differences might be found between the manual and the product.
- We are not liable for losses incurred due to operating the product in ways that are not in compliance with the manual.
- The manual will be updated according to the latest laws and regulations of related jurisdictions. For detailed information, see the paper user's manual, use our CD-ROM, scan the QR code or visit our official website. The manual is for reference only. Slight differences might be found between the electronic version and the paper version.

- All designs and software are subject to change without prior written notice. Product updates might result in some differences appearing between the actual product and the manual. Please contact customer service for the latest program and supplementary documentation.
- There might be errors in the print or deviations in the description of the functions, operations and technical data. If there is any doubt or dispute, we reserve the right of final explanation.
- Upgrade the reader software or try other mainstream reader software if the manual (in PDF format) cannot be opened.
- All trademarks, registered trademarks and company names in the manual are properties of their respective owners.
- Please visit our website, contact the supplier or customer service if any problems occur while using the device.
- If there is any uncertainty or controversy, we reserve the right of final explanation.

# Important Safeguards and Warnings

This section introduces content covering the proper handling of the Device, hazard prevention, and prevention of property damage. Read carefully before using the Device, comply with the guidelines when using it, and keep the manual safe for future reference.

## Operation Requirements



- Make sure that the power supply of the device works properly before use.
- Do not pull out the power cable of the device while it is powered on.
- Only use the device within the rated power range.
- Transport, use and store the device under allowed humidity and temperature conditions.
- Prevent liquids from splashing or dripping on the device. Make sure that there are no objects filled with liquid on top of the device to avoid liquids flowing into it.
- Do not disassemble the device.

## Installation Requirements



- Connect the device to the adapter before power on.
- Strictly abide by local electrical safety standards, and make sure that the voltage in the area is steady and conforms to the power requirements of the device.
- Do not connect the device to more than one power supply. Otherwise, the device might become damaged.



- Observe all safety procedures and wear required protective equipment provided for your use while working at heights.
- Do not expose the device to direct sunlight or heat sources.
- Do not install the device in humid, dusty or smoky places.
- Install the device in a well-ventilated place, and do not block the ventilator of the device.
- Use the power adapter or case power supply provided by the device manufacturer.
- The power supply must conform to the requirements of ES1 in IEC 62368-1 standard and be no higher than PS2. Note that the power supply requirements are subject to the device label.
- Connect class I electrical appliances to a power socket with protective earthing.

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# 1 Introduction

Wireless input expander is a conversion device that connects to a detector through wired mode, and sends the message in wireless mode to the security system. It can be set up via the DMSS app for iOS and Android phones.

## 2 Checklist

Figure 2-1 Checklist

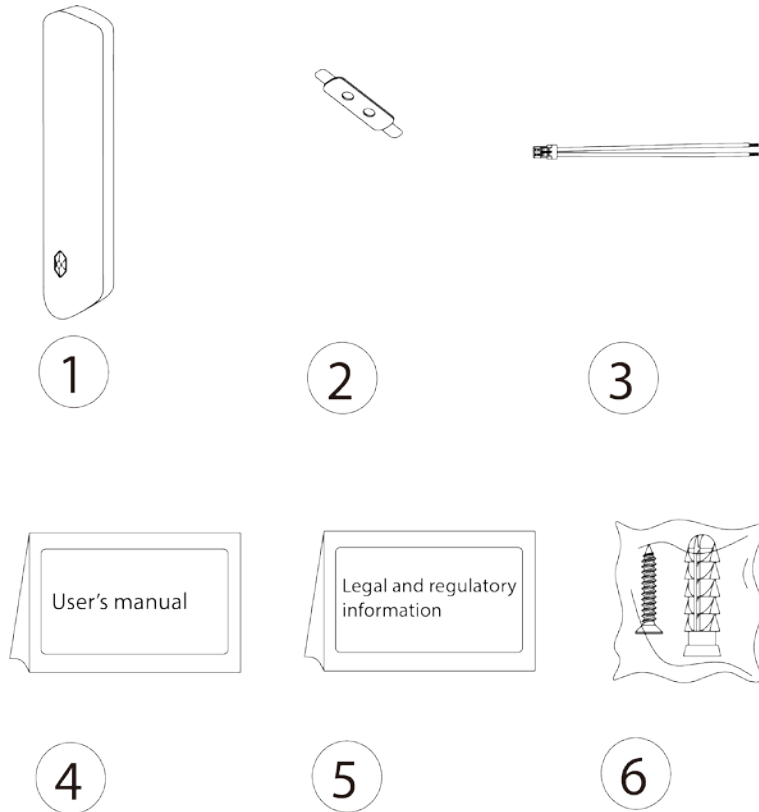


Table 2-1 Checklist

No.	Item Name	Quantity	No.	Item Name	Quantity
1	Input expander	1	4	User's manual	1
2	Double-sided adhesive tape	1	5	Legal and regulatory information	1
3	Cable	1	6	Screw package	1

## 3 Design

### 3.1 Appearance

Figure 3-1 Appearance

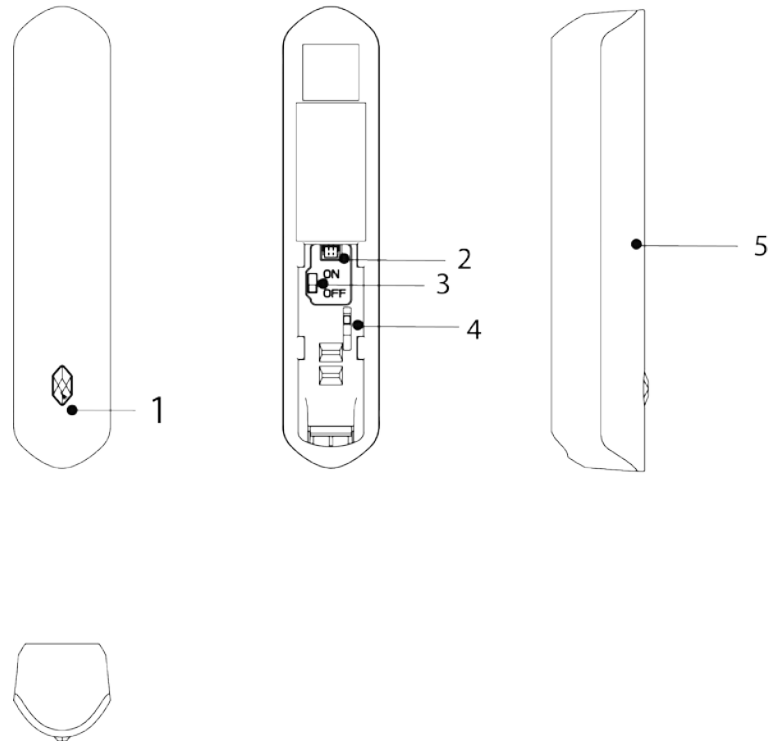


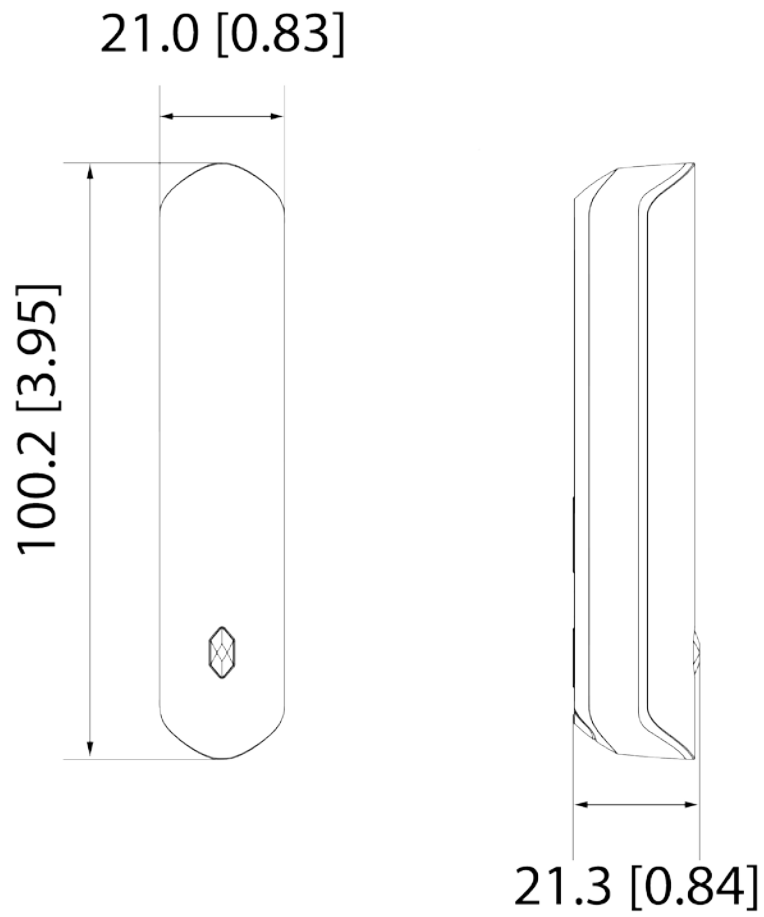
Table 3-1 Structure

No.	Name	Description
1	Indicator	<ul style="list-style-type: none"> <li>Flashes green quickly: Pairing mode.</li> <li>Solid green: Alarm event was triggered.</li> <li>Solid green for 2 seconds: Pairing successful.</li> <li>Slowly flashes green for 3 seconds: Pairing failed.</li> </ul>
2	Peripheral port	Connect the peripheral with the alarm cable.
3	On/Off switch	Turn on or turn off the input expander.
4	Tamper switch	When the tamper switch is released, the tamper alarm will be triggered.
5	Lid	<ul style="list-style-type: none"> <li>Normal status: Lid closed.</li> <li>Abnormal status: Lid open.</li> </ul>



## 3.2 Dimensions

Figure 3-2 Dimensions (mm [inch])




## 4 Connecting to the Hub

Before you connect it to the hub, install the DMSS app to your phone. This manual uses iOS as an example.



- Make sure the version of the DMSS app is 1.96 and later, and the hub is V1.001.0000000.4.R.211014 and later.
- Make sure that you have already created an account, and added the hub to DMSS.
- Make sure that the hub has a stable internet connection.
- Make sure that the hub is disarmed.

Step 1 Go to the hub screen, and then tap  to add the input expander.

Step 2 Tap  to scan the QR code at the bottom of the input expander, and then tap **Next**.

Step 3 Tap **Next** after the input expander has been found.

Step 4 Follow the on-screen instructions and switch the input expander to on, and then tap **Next**.

Step 5 Wait for the pairing.

Step 6 Customize the name of the input expander, and select the area, and then tap **Completed**.

## 5 Installation

Prior to installation, connect the input expander to the hub and check the signal strength of the installation location. We recommend installing the input expander in a place with a signal strength of at least 2 bars.

We recommend using expansion screws when installing the input expander.



Make sure that you have inserted the provided cable into the input expander to connect it to the wired detector.

Figure 5-1 Installation

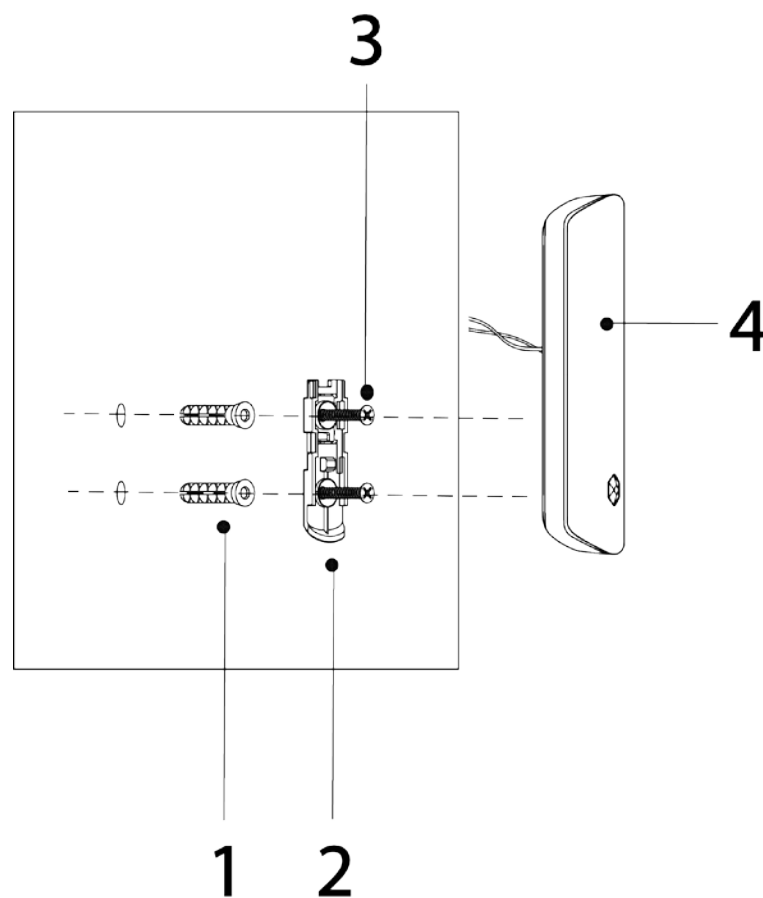


Table 5-1 Installation items

No.	Item name	No.	Item name
1	Expansion bolt	3	ST3 × 18 mm self-tapping screw
2	Attachment panel	4	Input expander

**Step 1** Drill 2 holes into the door according to the hole positions of the attachment panel.

**Step 2** Put the expansion bolts into the holes.

**Step 3** Align the screw holes on the plate with the expansion bolts.

**Step 4** Secure the attachment panels with ST3 × 18 mm self-tapping screws.

**Step 5** Put the input expander into the attachment panel.

## 6 Configuration

You can view and edit general information of the input expander.

### 6.1 Configuring the Input Expander







On the **Hub** screen, select the input expander as needed from the accessory list, and then tap  to configure the parameters of the input expander.

Table 6-1 Parameter description


















Parameter	Description
Device Configuration	<ul style="list-style-type: none"> <li>View device name, type, SN and device model.</li> <li>Edit device name, and then tap <b>Save</b> to save configuration.</li> </ul>
Area	Select the area to which the input expander is assigned.
Temporary Deactivate	<ul style="list-style-type: none"> <li>Tap <b>Enable</b>, and then the function of the input expander will be enabled. <b>Enable</b> is set by default.</li> <li>Tap <b>Only Disable Tamper Alarm</b>, and then the system will only ignore tamper alarm messages.</li> <li>Tap <b>Disable</b>, and then the function of the input expander will be disabled.</li> </ul>
24 H Protection Zone	The accessory located in the 24 h protection zone is always active whether the security system is configured in the armed mode or not.
Home Mode	Enable the home mode, and then the selected accessories under the hub will be armed.
Delay Mode under Home Mode	Enable the <b>Delay Mode under Home Mode</b> , the selected accessory under the hub will be armed and the alarm will not be triggered until the end of customized delay time.  Only enable <b>Home Mode</b> first can <b>Delay Mode under Home Mode</b> take effect.
Delay Time	<ul style="list-style-type: none"> <li>The system provides you with time to leave or enter the armed zone without alarm.</li> <li>Select from 0 s to 120 s.</li> </ul>  The arming mode will be effective after the delay time.
Siren Linkage	When an alarm is triggered, the input expander will report the alarm events to the hub and alert with a siren.
Alarm-video Linkage	When an alarm is triggered, the input expander will report the alarm events to the hub and then associate with the video.
Video Channel	Select the video channel as needed.

Parameter	Description
External Detector Status	Select <b>Normally Closed</b> or <b>Normally Open</b> for the external detector.
Alarm Type	Select an alarm type based on the external detector type, and then tap <b>OK</b> . <ul style="list-style-type: none"> <li>• <b>Intrusion</b></li> <li>• <b>Fire Alarm</b></li> <li>• <b>Medical Help</b></li> <li>• <b>Panic Button</b></li> <li>• <b>Gas Alarm</b></li> </ul>
Alarm Input Type	Select an alarm input type for the external detector, and then tap <b>OK</b> . <ul style="list-style-type: none"> <li>• <b>Detector.</b></li> <li>• <b>Tamper.</b></li> </ul>  <p>For example, if you select <b>Tamper</b> for the external detector, only tamper alarm messages will be sent to the alarm hub.</p>
LED Indicator	<b>LED Indicator</b> is enabled by default. For details on indicator behavior, see "3.1 Appearance".  <p>If <b>LED Indicator</b> is disabled, the LED indicator will remain off regardless of whether the input expander is functioning normally or not.</p>
Signal Strength Detection	Test the current signal strength.
Detector Test	Detect whether the accessory works.
Transmit Power	<ul style="list-style-type: none"> <li>• Select from high, low, and automatic.</li> <li>• The higher the transmission power, the farther the transmission and the higher power consumption.</li> </ul>
Cloud Update	Update online.
Delete	Delete the online accessory.  <p>Go to the <b>Hub</b> screen, select the accessory from the list, and then swipe left to delete it.</p>

## 6.2 Status

On the **Hub** screen, select the input expander as needed from the accessory list to view the status of the input expander.

Table 6-2 Status

Parameter	Value
Temporary Deactivate	The status for whether the functions of the input expander are enabled or disabled. <ul style="list-style-type: none"> <li>●  : Enable.</li> <li>●  : Only disable tamper alarm.</li> <li>●  : Disable.</li> </ul>
Temperature	The temperature of the environment.
Signal Strength	The signal strength between the hub and the input expander. <ul style="list-style-type: none"> <li>●  : Low.</li> <li>●  : Weak.</li> <li>●  : Good.</li> <li>●  : Excellent.</li> <li>●  : No.</li> </ul>
Battery Level	The battery level of the detector. <ul style="list-style-type: none"> <li>●  : Fully charged.</li> <li>●  : Sufficient.</li> <li>●  : Moderate.</li> <li>●  : Insufficient.</li> <li>●  : Low.</li> </ul>
Anti-tampering Status	Anti-tampering status of the input expander.
Online Status	Online and offline status of the input expander. <ul style="list-style-type: none"> <li>●  : Online.</li> <li>●  : Offline.</li> </ul>
Entrance Delay Time	Entrance and exit delay time.
Exit Delay Time	
24 H Protection Zone Status	Active status of the 24 h protection zone. <ul style="list-style-type: none"> <li>●  : Enabled.</li> <li>●  : Disabled.</li> </ul>
Relay Status	<b>Yes or No.</b>
Program Version	The program version of the input expander.

ENABLING A SAFER SOCIETY AND SMARTER LIVING

ZHEJIANG DAHUA VISION TECHNOLOGY CO., LTD.

Address: No.1199 Bin'an Road, Binjiang District, Hangzhou, P. R. China | Website: [www.dahuasecurity.com](http://www.dahuasecurity.com) | Postcode: 310053

Email: [overseas@dahuatech.com](mailto:overseas@dahuatech.com) | Fax: +86-571-87688815 | Tel: +86-571-87688883

**Legal and Regulatory Information**

**Legal Considerations**

Video surveillance can be regulated by laws that vary from country to country. Check the laws in your local region before using this product for surveillance purposes.

**Disclaimer**

Every care has been taken in the preparation of this document. Please inform your nearest Dahua office of any inaccuracies or omissions. Dahua Technology shall not be held responsible for any technical or typographical errors and reserves the right to change the product with manuals without prior notice. Dahua Technology makes no warranty of any kind with regard to the material contained within this document, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Dahua Technology shall not be liable or responsible for incidental or consequential damages in connection with the furnishing, performance or use of this material. This product is only to be used for its intended purpose.

**Intellectual Property Rights**

Dahua Technology retains all intellectual property rights relating to technology embodied in the product described in this document.

**Equipment Modifications**

This equipment must be installed and used in strict accordance with the instructions given in the user documentation. This equipment contains no user-serviceable components. Unauthorized equipment changes or modifications will invalidate all applicable regulatory certifications and approvals.

**Trademark Acknowledgments**

are registered trademarks or trademark applications of Dahua Technology in various jurisdictions. All other company names and products are trademarks or registered trademarks of their respective companies.

**Regulatory Information**

**European Directives Compliance**

- This product complies with the applicable CE marking directives and standards:
  - Low Voltage (LVD) Directive 2014/35/EU.
  - Electromagnetic Compatibility (EMC) Directive 2014/30/EU.

- Restrictions of Hazardous Substances (RoHS) Directive 2011/65/EU and its amendment (EU) 2015/863

A copy of the original declaration of conformity may be obtained from Dahua Technology.

The most up to date copy of the signed EU Declaration of Conformity (DoC) can be downloaded from: [www.dahuasecurity.com/support/notice/](http://www.dahuasecurity.com/support/notice/)

**CE-Electromagnetic Compatibility (EMC)**

This digital equipment is compliant with Class B according to EN 55032.

**CE-Safety**

This product complies with IEC/EN/UL 60950-1 or IEC/EN/UL 62368-1, Safety of Information Technology Equipment.

**Declaration of Conformity CE**

**(Only for the product has RF function)**

Hereby, Dahua Technology declares that the radio equipment is compliant with Radio Equipment Directive (RED) 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: [www.dahuasecurity.com/support/notice/](http://www.dahuasecurity.com/support/notice/)

**USA Regulatory Compliance**

**FCC**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This product has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This product generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this product does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC SDOCC Statement can be downloaded from: <https://us.dahuasecurity.com/support/notices/>

**RF exposure warning**

**(Only for the product has RF communication function)**

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

This equipment should be installed and operated with a minimum distance 20cm between the radiator and your body.

**Canada Regulatory Compliance**

**ICES-003**

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference, and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

**RF exposure warning**

**(Only for the product has RF communication function)**

This equipment should be installed and operated with a minimum distance 20cm between the radiator and your body.

Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

- Do not disassemble the device arbitrarily.
- Avoid heavy stress, violent vibration, and soaking during during transportation, storage, and installation. Complete package is necessary during the transportation.
- Use the factory package or the equivalent for transportation.

**Battery**

Low battery power affects the operation of the RTC, causing it to reset at every power-up. When the battery needs replacing, a log message will appear in the product's server report. For more information about the server report, see the product's setup pages or contact Dahua support.

- ⚠️ **WARNING**
  - Risk of explosion if the battery is incorrectly replaced.
  - Replace only with an identical battery or a battery which is recommended by Dahua.
  - Dispose of used batteries according to local regulations or the battery manufacturer's instructions.

**Polski**

**Ważne środki ostrożności i ostrzeżenia**

Niniejszy rozdział opisuje właściwe sposoby korzystania z urządzenia, sposoby zapobiegania zagrożeniom, a także sposoby zapobiegania uszkodzeniu minima. Przed rozpoczęciem korzystania z urządzenia zapoznaj się dokładnie z tymi informacjami i zachowaj je na przyszłość do celów referencyjnych.

**Instrukcje dot. bezpieczeństwa**

W podręczniku mogą pojawić się następujące symbole. Ich znaczenie wyjaśnia poniższa tabela.

Symbol	Znaczenie
	<b>ZAGROZENIE</b> Oznacza potencjalne zagrożenie wysokiego stopnia, którego nieuniknienie może skutkować poważnymi urazami lub śmiercią.
	<b>OSTRZEŻENIE</b> Oznacza potencjalne zagrożenie średniego lub niskiego stopnia, którego nieuniknienie może skutkować pomniejszonymi lub średnimi urazami.
	<b>UWAGA</b> Oznacza potencjalne zagrożenie, którego nieuniknienie może skutkować zniszczeniem minima, utratą danych, spadkiem wydajności lub mieć inne nieprzewidziane skutki.
	<b>WSKAZÓWKI</b> Oznacza wskazówki pozwalające na rozwiązanie problemu lub oszczędność czasu.
	<b>UWAGA</b> Oznacza informacje uzupełniające tekst główny.

**Privacy Protection Notice**

As the device user or data controller, you might collect personal data of others such as face, fingerprints, car plate number, Email address, phone number, GPS and so on. You need to be in compliance with the local privacy protection laws and regulations to protect the legitimate rights and interests of other people by implementing measures, including but not limited to: providing clear and visible identification to inform data subject the existence of surveillance area and providing related contact.

**About the Manual**

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- We are not liable for any loss caused by the operations that do not comply with the manual.
- The manual would be updated according to the latest laws and regulations of related jurisdictions. For detailed information, refer to the paper manual, CD-ROM, QR code or our official website. If there is inconsistency between paper manual and the electronic version, the electronic version shall prevail.
- All the designs and software are subject to change without prior written notice.
- The product updates might cause some difference between the actual product and the manual. Please contact the customer service for the latest program and supplementary documentation.
- Upgrade the reader software or try other mainstream reader software if the manual (in PDF format) cannot be opened.
- All trademarks, registered trademarks and the company names in the manual are the properties of their respective owners.
- Please visit our website, contact the supplier or customer service if there is any problem occurring when using the device.
- If there is any uncertainty or controversy, we reserve the right of final explanation.

**Support**

Should you require any technical assistance, please contact your Dahua distributor. If your questions cannot be answered immediately, your distributor will forward your queries through the appropriate channels to ensure a rapid response. If you are connected to the Internet, you can:

- Download user documentation and software updates.
- Search by product, category, or phrase.
- Report problems to Dahua support staff by logging in to your private support area.
- Chat with Dahua support staff.
- Visit Dahua Support at [www.dahuasecurity.com/support](http://www.dahuasecurity.com/support).

**Contact Information**

ZHEJIANG DAHUA VISION TECHNOLOGY CO., LTD  
Address: No.1169, Bin'an Road, Binjiang District, Hangzhou, P.R. China

Postcode: 310053

Tel: +86-571-87688883

Fax: +86-571-87688815

Email: overseas@dahuatech.com

Website: www.dahuasecurity.com

**English**

**Important Safeguards and Warnings**

This Chapter describes the contents covering proper handling of the device, hazard prevention, and prevention of property damage. Read these contents carefully before using the device, comply with them when using, and keep it well for future reference.

**Safety Instructions**

The following categorized signal words with defined meaning might appear in the manual

Signal Words	Meaning
	<b>DANGER</b> Indicates a high potential hazard which, if not avoided, will result in death or serious injury.
	<b>WARNING</b> Indicates a medium or low potential hazard which, if not avoided, could result in slight or moderate injury.
	<b>CAUTION</b> Indicates a potential risk which, if not avoided, could result in property damage, data loss, lower performance, or unpredictable result.
	<b>TIPS</b> Provides methods to help you solve a problem or save you time.
	<b>NOTE</b> Provides additional information as the emphasis and supplement to the text.

**Safety Requirement**

- Abide by local electrical safety standards to ensure that the voltage is stable and complies with the power supply requirement of the device.
- Transport, use, and store the device under the allowed humidity and temperature conditions. Refer to the corresponding technical specifications of device for specific working temperature and humidity.
- Do not place the device in a location exposed to dampness, dust, extreme hot or cold, strong electronic radiation, or unstable lighting conditions.
- Do not install the device in a place near the heat source, such as radiator, heater, furnace, or other heat generating device to avoid fire.
- Prevent liquid from flowing into the device to avoid damage to internal components.
- Install the device horizontally or install on the stable plane to prevent it from falling.
- Install the device in a well-ventilated place, and do not block the ventilation of the device.

**Suomi**

**Tärkeitä varoimenpiteitä ja varoituksia**

Tässä luvussa kuvataan laitteen asianmukainen käsittely, vaarojen torjunta ja ominaisuuksien oikea estäminen. Lue tämä sisältyvä ohjeistus huolellisesti käyttöä ja noudata näitä ohjeita, kun käytät laitetta. Säilytä ohjeet tulevia tarpeita varten.

**Turvallisuushoje**

Suraavat luokitellut huomiosanat kuvattulla merkityksellä saattavat esiintyä oppaassa.

Huomiosanat	Merkitys
	<b>VAARA</b> Ilmaisee suuren potentiaalisen vaaran, joka johtaa kuolemaan tai vakavaan loukkaantumiseen, jos sitä ei vältetä.
	<b>VAROITUS</b> Ilmaisee keskiuuden tai pienen potentiaalisen vaaran, joka saattaa johtaa lievään tai kohtalaiseen loukkaantumiseen, jos sitä ei vältetä.
	<b>HUOMIO</b> Ilmaisee mahdollisen vaarallisen tilanteen, joka saattaa johtaa omaisuusvahinkoon, tietojen menetykseen, suorituskyvön heikkenemiseen tai odottamattomiin tuloksiin, jos sitä ei vältetä.
	<b>VIKINKIT</b> Tarjoaa apua ongelmien ratkaisemiseen tai säästävät aikaa.
	<b>HUOMAUTUS</b> Tarjoaa lisätietoja, joka korostaa tai täydentää tekstiä.

**Turvallisuusvaatimus**

- Noudatta pakkaillisia sähköturvallisuusstandardveja varmistaksesi, että jännite on vakaa ja vastaa laitteen virtalähteen asetusarvoja vaatimuksia.
- Kuljeta, käytä ja säilytä laitetta sallituissa kosteus- ja lämpötiloissa.
- Käsittele laitteen erityyppien käyttöympäristöissä -kosteus laitteen vastaavissa olosuhteissa.
- Älä sijoita laitetta pakkaan, jossa se altistuu kosteudelle, pölylle, erittäin kuivalle tai kylmälle lämpötilalle, voimakkaalle sähköisäilylle tai epävakaille valaistusolosuhteille.
- Älä asenna laitetta lähelle lämmönlähdettä, tuuletin lämpöpatteria, lämmintä, uunia tai muuta lämpöä tuottavaa laitetta, tulipalon vaaralliseksi.
- Vältä nestoen lämpöä tai lämpöä sisältävien komponenttien yhteyttäminen estämiseksi.
- Asenna laite vaakaasoraan tai asenna se vaakaseen pakkaan estääksesi sen kaatumisen.
- Asenna laite hyvin ilmastoituihin pakkaan äläkä peitä laitteen tuuletusaukkoja.
- Älä pura laitetta omavaltaisesti.
- Vältä kovaa rasistelua, voimakasta tärinää ja koetuksia kuljetuksen, säilytyksen ja asennuksen aikana. Kuljetus vaatii täydellisen pakkaamisen.
- Käytä tohtaan pakkausta tai vastaavaa joukkojen aikana.

**Paristo**

Ahlainen pariston varustus vaikuttaa tosiaikakellon (RTC:n) toimintaan nollaten sen jokaisella käynnistyskerralla. Luvesssi ilmesty tuottosen palvelinpariston, kun paristo on vaihdettava. Lisätietoja palvelinpariston saat luottien

Signal Words	Meaning
	<b>AVERTIZARE</b> Indică un pericol potențial mediu sau scăzut care, dacă nu este evitat, poate duce la răniri ușoare sau moderate.
	<b>ATENȚIE</b> Indică un risc potențial care, dacă nu este evitat, ar putea duce la daune materiale, pierdere de date, performanțe mai scăzute sau rezultate imprevizibile.
	<b>SFATURI</b> Oferă metode care să vă ajute să rezolvați o problemă sau să economisiți timp.
	<b>NOTA</b> Oferă informații suplimentare ca accent și supliment la text.

**Cerinta de siguranta**

- Respectați standardele locale de siguranță electrică pentru a vă asigura că sistemul este stabil și respectați cerințele de alimentare ale dispozitivului.
- Transportați, utilizați și depozitați dispozitivul sub condițiile de umiditate și temperatură admise. Consultați specificațiile tehnice corespunzătoare ale dispozitivului pentru temperatură și umiditate specifice de lucru.
- Nu așezați dispozitivul într-o locație expusă la umezeală, praf, extrem de caldă sau rece, de radiații electronice puternice sau de condiții de iluminare instabile.
- Nu instalați dispozitivul într-un loc în apropierea sursei de căldură, cum ar fi radiatorul, încălzitorul, cuptorul sau al dispozitiv generator de căldură, pentru a evita incendii.
- Impedicați curgea lichidului în dispozitiv pentru a evita deteriorarea componentelor interne.
- Instalați dispozitivul în poziție orizontală sau instalați-l pe un loc stabil pentru a preveni căderea acestuia.
- Instalați aparatul într-un loc bine ventilat și nu blocați ventilația aparatului.
- Nu dezamblați dispozitivul voi.
- Evitați loviturile puternice, vibrațiile violente și umiditatea în timpul transportului, depozitării și instalării. Este necesar un pachet complet în timpul transportului.
- Utilizați pachetul de fabrica sau echivalent în timpul transportului.

**Baterie**

Puterea redusă a bateriei afectează funcționarea RTC, determinând resetarea la ficare pomire. Când bateria are nevoie de înlocuire, în raportul serverului dispozitivului va apărea un mesaj de jurnal. Pentru mai multe informații despre raportul serverului, consultați paginile de configurare ale produsului sau contactați asistența Dahua.

**AVERTIZARE**

- Risc de explozie dacă bateria este înlocuită incorrect.
- Înlocuiți numai cu o baterie identică sau o baterie recomandată de Dahua.
- Aruncați bateriile uzate în conformitate cu reglementările locale sau cu instrucțiunile producătorului bateriei.

**Čeština**

**Důležitá bezpečnostní opatření a varování**

Tato kapitola popisuje obsah vztahující se na správnou manipulaci se zařízením, prevenci nebezpečí a prevenci škod na majetku. Pečlivě si tyto informace přečtěte před použitím zařízení, během používání zařízení i když jste na určitého je pro budoucí použití.

**Bezpečnostní pokyny**

Tato příručka může obsahovat následující kategorie signálních slov.

Signální slova	Význam
	<b>NEBEZPEČÍ</b> Označuje možnost závažného nebezpečí, které, pokud by mu nebylo zamezeno, může mít za následek smrt nebo vážné zranění.
	<b>VAROVÁNÍ</b> Označuje možnost středně nebo málo závažného nebezpečí, které, pokud by mu nebylo zamezeno, může mít za následek lehké nebo nepřítli závažné zranění.
	<b>UPOZORNĚNÍ</b> Označuje možné riziko, které, pokud by mu nebylo zamezeno, může mít za následek škodu na majetku, ztrátu dat, snížení výkonu nebo neočekávaný výsledek.
	<b>TIPY</b> Uvádí metody, které vám pomohou vyřešit problém nebo vám ušetří čas.
	<b>POZNÁMKA</b> Poskytuje dodatečné informace formou důrazu a doplnění textu.

**Bezpečnostní požadavky**

- Dodržujte místní normy pro elektrickou bezpečnost pro zajištění stabilního napětí a dodržení požadavků na napájení zařízení.
- zařízení připravujte, používejte a skladujte při odpovídající teplotě a vlhkosti. Konkrétní pracovní teplotu a vlhkost naleznete v příslušných technických specifikacích zařízení.
- Neumísťujte zařízení tam, kde bude vystaveno vlhkosti, prachu, extrémnímu horku nebo chladu, silnému elektronickému záření nebo nestabilnímu světelnému podmínkám.
- Neinstalujte zařízení v blízkosti zdrojů tepla, jako je radiátor, ohřívač, kotel nebo jiné zařízení generující teplo, aby nedošlo k požáru.
- Zamezte prouku látky kapalin do zařízení, aby nedošlo k poškození jeho vnitřních součástí.
- Zařízení instalujte vodorovně nebo je instalujete na stabilním místě, aby bylo chráněno před pádem.
- Zařízení instalujte na dobře větraném místě a neblokuje odvětrávací zařízení.
- Zařízení svažte nedemontujte.
- Během přepravy, skladování a při je nebezpečné držet rukou, prudkým vibracím a nárazům. Při přepravě je nebezpečné držet zabalené.
- Při přepravě použijte obal z výroby nebo obdobný obal.

**Baterie**

Nízké nabití baterie ovlivňuje fungování hodn ve skutečném čase a způsobuje,

**Japan Regulatory Compliance**

**VCCI**

These products comply with the requirements of VCCI Class B Information Technology Equipment.

**Batteries**

**Correct disposal of batteries in this product**

This marking on the battery indicates that the batteries in this product should not be disposed of with other household waste at the end of their working life. Where marked, the chemical symbols Hg, Cd or Pb indicate that the battery contains mercury, cadmium or lead above the reference levels in Directive 2006/66/EC and its amending Directive 2013/56/EU. If batteries are not properly disposed of, these substances can cause harm to human health or the environment.

**CAUTION**

Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

**Safety**

The product complies with IEC/EN/UL 60950-1, Information Technology Equipment – Safety – Part 1: General Requirements; or complies with IEC/EN/UL 62368-1, Audio/Video, information and communication technology equipment – Part 1: Safety requirements.

If the power supply to the product is from external power adaptor with connecting to AC Mains, and the product is not shipped with power adaptor, customers are required to use the external power adaptor that must fulfill the requirements for Safety Extra Low Voltage (SELV) and Limited Power Source (LPS).

**Waste Electrical and Electronic Equipment (WEEE) statements**

**Disposal and Recycling**

When this product has reached the end of its useful life, dispose of it according to local laws and regulations. For information about your nearest designated collection point, contact your local authority responsible for waste disposal. In accordance with local legislation, penalties may be applicable for incorrect disposal of this waste.

**CAUTION**

This symbol means that the product shall not be disposed of together with household or commercial waste. Directive 2012/19/EU on waste electrical and electronic equipment (WEEE) is applicable in the European Union member states. To prevent potential harm to human health and the environment, the product must be disposed of in an approved and environmentally safe recycling process. For information about your nearest designated collection point, contact your local authority responsible for waste disposal. Businesses should contact the product supplier for information about how to dispose of this product correctly.

**Wymogi dot. Bezpieczeństwa**

- Przeznaczaj lokalnych standardów bezpieczeństwa elektrycznego celom spełnienia AC Mains, a produkt nie jest wysłany z zasilaczem.
- Urządzenie należy transportować, używać i przechowywać w warunkach o dozwolonym poziomie wilgotności i temperatury. Szczegółowe informacje na temat wilgotności i temperatury roboczej znaleźć można w odpowiedniej specyfikacji technicznej urządzenia.
- Nie umieszczaj urządzenia w miejscach narażonych na wilgoć, kurz, ekstremalne temperatury, silne promieniowanie elektryczne oraz nieistniejące warunki oświetlenia.
- Nie instaluj urządzenia w pobliżu źródeł ciepła, takich jak kaloryfery, grzałki, piece bądź inne urządzenia generujące ciepło, aby zapobiegać wystąpieniu pożaru.
- Zabezpiecz urządzenie przed dostaniem się do jego wnętrza cieczy, ponieważ może to spowodować uszkodzenie komponentów wewnętrznych.
- Zamontuj urządzenie poziomo lub wybierz stabilne miejsce, tak aby wyeliminować ryzyko upadku.
- Zamontuj urządzenie w dobrze wentylowanym miejscu i upewnij się, że jego otwory wentylacyjne nie są zablokowane.
- Nie rozmontuj urządzenia samodzielnie.
- Chron urządzenie przed dużymi obciążeniami i naprężeniami, silnymi wibracjami oraz zaledaniem zarówno podczas transportu, przechowywania, jak i montażu. Na potrzeby transportu wymagane jest korzystanie z kompletnego opakowania.
- Do transportu używaj oryginalnego opakowania lub innego zapewniającego podobny poziom ochrony.

**Akumulator**

Niski poziom naładowania akumulatora wpływa na działanie zegara czasu rzeczywistego, powodując jego resetowanie przy każdym włączeniu. Gdy akumulator wymaga wymiany, w raporcie serwerowym dla produktu pojawi się stosowna wiadomość. Aby uzyskać więcej informacji na temat raportu serwerowego, zapoznaj się z instrukcjami konfiguracji urządzenia lub skontaktuj się z personelem pomocy technicznej firmy Dahua.