



Smart Interactive Whiteboard

Quick Start Guide



Foreword

General

This manual introduces the functions and operations of the smart interactive whiteboard (hereinafter referred to as "the whiteboard").

Safety Instructions

The following signal words might appear in the manual.

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

Revision History

Version	Revision Content	Release Time
V1.0.0	First release.	December 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 whiteboard, hazard prevention, and prevention of property damage. Read carefully before using the whiteboard, comply with the guidelines when using it, and keep the manual safe for future reference.

Storage Requirements



- Place the whiteboard on a sturdy work bench to prevent it from falling.
- Do not place the whiteboard in a place exposed to sunlight or near heat sources.
- Store the whiteboard under allowed humidity and temperature conditions.

Installation Requirements



- Do not install the whiteboard in a place exposed to sunlight or near heat sources.
- Keep the whiteboard away from dampness, dust, and soot.
- Install the whiteboard on a stable place to prevent it from falling.
- Install the whiteboard in a well-ventilated place, and do not block its ventilation.
- The power supply must conform to the requirements of ES1 in IEC 62368-1 standard and be no higher than PS2. Please note that the power supply requirements are subject to the device label.
- The whiteboard is a class I electrical appliance. Make sure that the power supply of the whiteboard is connected to a power socket with protective earthing.
- The appliance coupler is a disconnection device. Keep a convenient angle when using it.

Operation Requirements



- High voltage inside the whiteboard. Do not disassemble the whiteboard without a qualified professional present to avoid the risk of being exposed to danger.
- Improper use of the battery might result in a fire or explosion.
- Make sure to use the same model when replacing the battery to avoid fire or explosion.
- Use the standard power adapter. We will assume no responsibility for any problems caused by the use of a nonstandard power adapter.
- Use power cords that conform to your local requirements and rated specifications.
- Make sure all cables are connected correctly before plugging the whiteboard into the power. Do not overload the power socket or pull the power code. Otherwise, it might cause fire or electric shock.



- Do not drop or splash liquid onto the whiteboard, and make sure that there is no object filled with liquid on the whiteboard to prevent liquid from flowing into it.
- This is a class A product. In a domestic environment this may cause radio interference in which case you may be required to take adequate measures.

- Operate the whiteboard within the rated range of power input and output.
- Do not disassemble the whiteboard.
- Use the whiteboard under allowed humidity and temperature conditions.
- The whiteboard is a class I electrical appliance. Make sure that the power supply of the whiteboard is connected to a power socket with protective earthing.
- The appliance coupler is a disconnection device. Keep a convenient angle when using it.

Maintenance Requirements



- Unplug the power cord before cleaning the whiteboard. Do not use the liquid cleaner or spray cleaner when cleaning the whiteboard.
- Use the clean and soft cloth or use the special lens wiping cloth when cleaning the surface of display screen. Do not use the wet cloth to clean the display screen. Otherwise, it might damage the screen.

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1 Introduction

Smart interactive whiteboard is an integrated multimedia device, which integrates large-screen HD display, PC, TV, electronic whiteboard, audio amplifier, application, and central control system.

The whiteboard has the following characteristics:

- Supports 4K HD LCD display.
- Supports switch between Android and Windows systems (you need to install a PC module).
- Supports one-tap projection of devices such as mobile phones and pads.
- Supports electronic whiteboard.
- Supports Office software such as Microsoft Office and audio and video files.

2 Packing List

Check whether there is any obvious damage on the packing box. Unpack the box and check whether the components are complete according to the packing list.

Table 2-1 Packing list

Name	Quantity	Name	Quantity
Smart interactive whiteboard	1	Power cord	1
Stylus pen	2	Quick Start Guide	1
Quality certificate	1	Accessory package	1
Wall mount (installed on whiteboard already)	1	—	—

3 Installation

3.1 Installation Accessories

Figure 3-1 Installation accessories

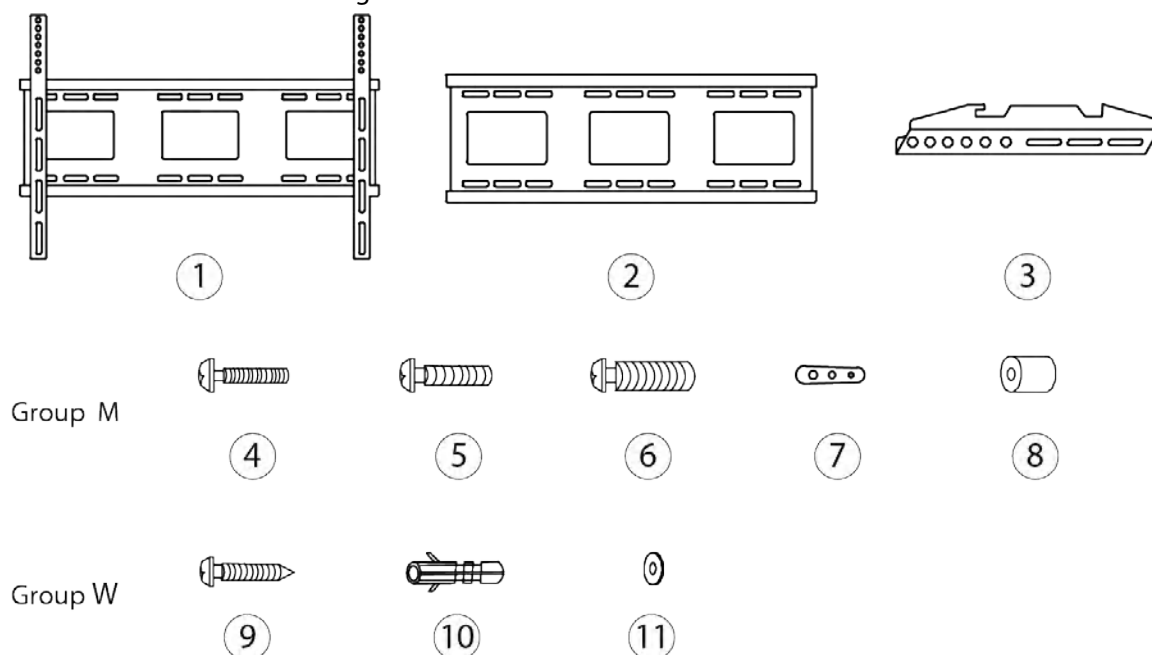


Table 3-1 Accessory description

No.	Name	No.	Name
1	Installation bracket	7	ø5/ø6/ø8 4PCS M-D
2	Wallboard× 1	8	ø13 × ø6.5 × 15 4PCS M-E
3	Hook× 2	9	M6 × 50 6PCS W-A
4	M5 × 25 4PCS M-A	10	ø10 × 50 6PCS W-B
5	M6 × 25 4PCS M-B	11	ø6 6PCS W-C
6	M8 × 25 4PCS M-C	—	—

3.2 Tools

The following tools do not come with the whiteboard. Purchase them as needed.

Figure 3-2 Electric drill

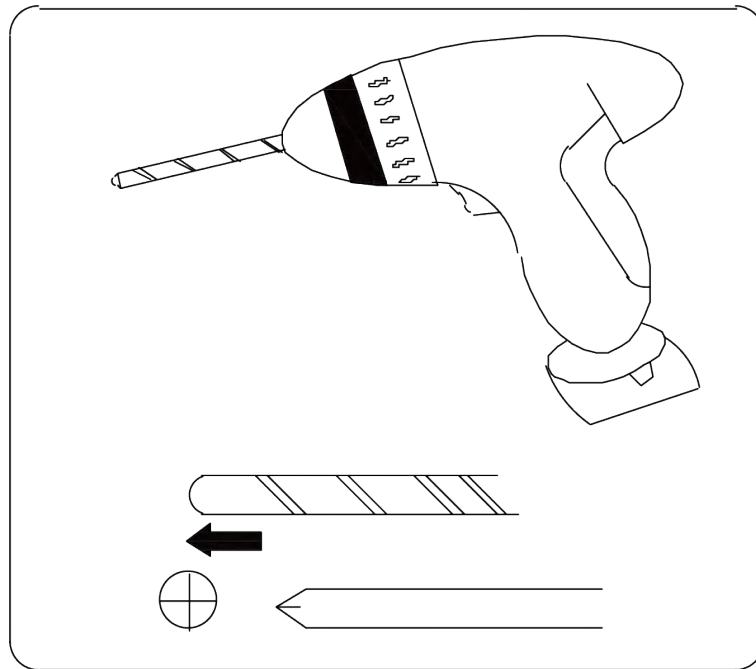
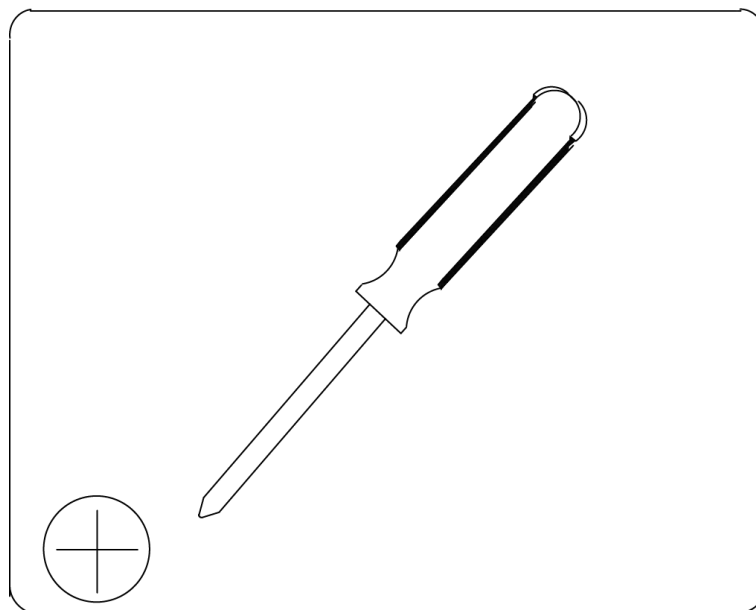


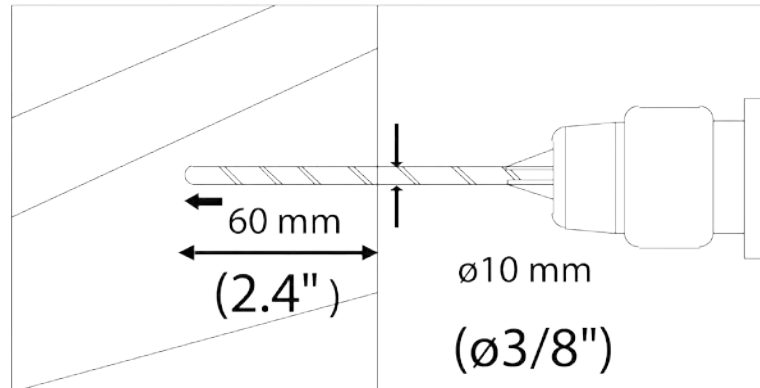
Figure 3-3 Screwdriver



3.3 Installation Procedure

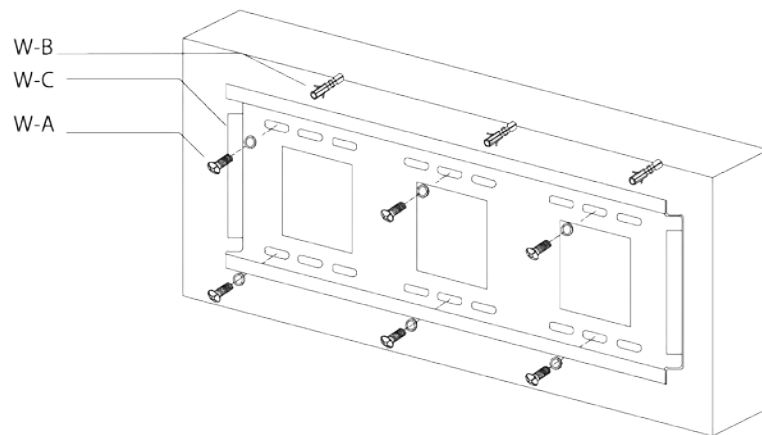
Step 1 Mark installation positions on the wall and then drill holes at the marked positions.

Figure 3-4 Required hole diameter and depth



Step 2 Install the wallboard onto the wall and keep it horizontal.

Figure 3-5 Install wallboard



Step 3 Install the hooks on the rear panel of the whiteboard with screws.



- The screws in the accessory package have various specifications. Select four appropriate ones and keep the rest as spare.
- If thicker gaskets are used, install the gaskets between the whiteboard and hooks.

Figure 3-6 Install hooks

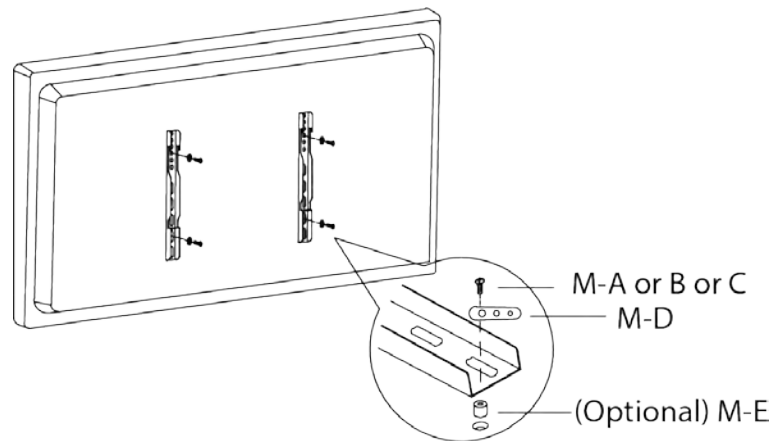
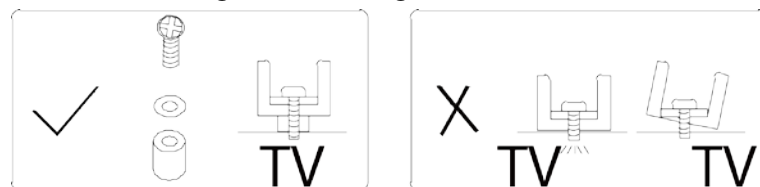


Figure 3-7 Install gasket



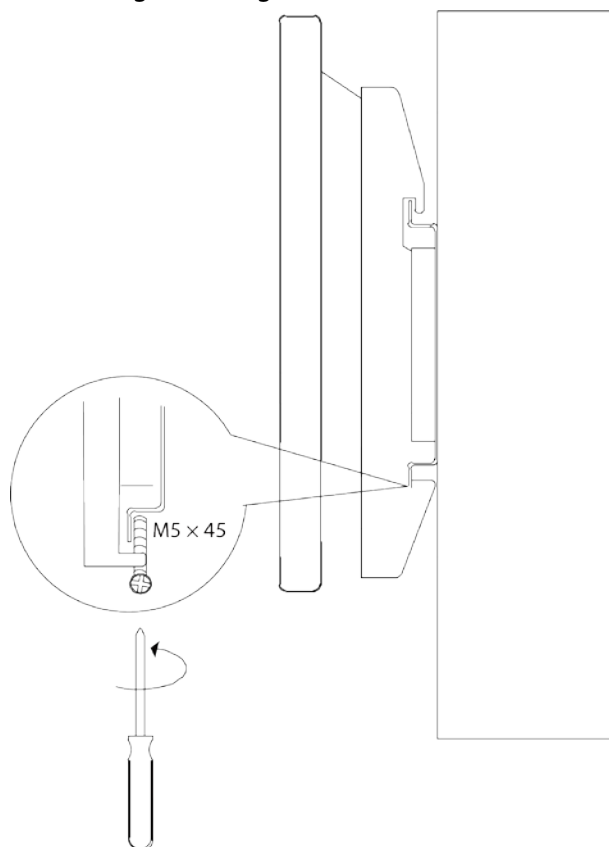
Step 4 Hang the whiteboard on the wallboard through the hooks.

Step 5 Tighten the screws at the bottom of the hooks to secure the bracket.



Make sure that the appropriate screwdriver is used.

Figure 3-8 Tighten hooks



4 Appearance

Figure 4-1 Appearance (without camera)

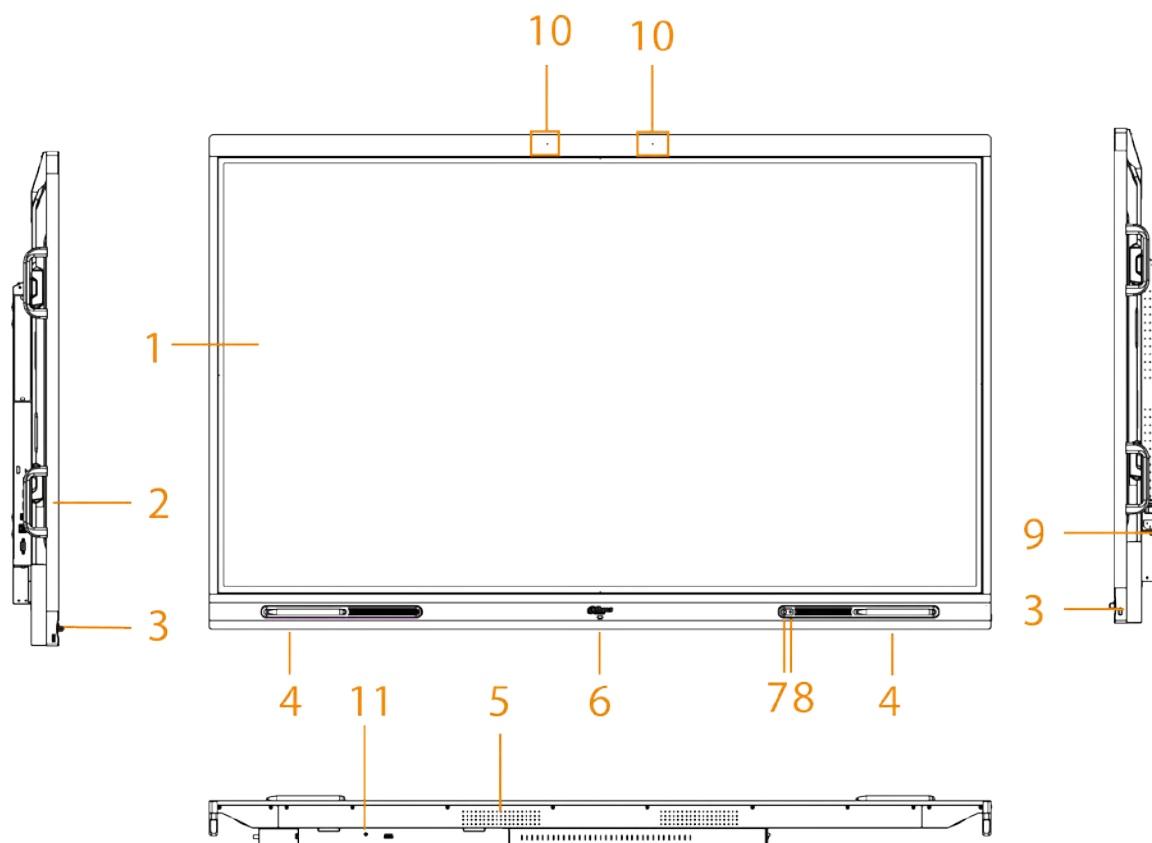


Figure 4-2 Appearance (with camera)

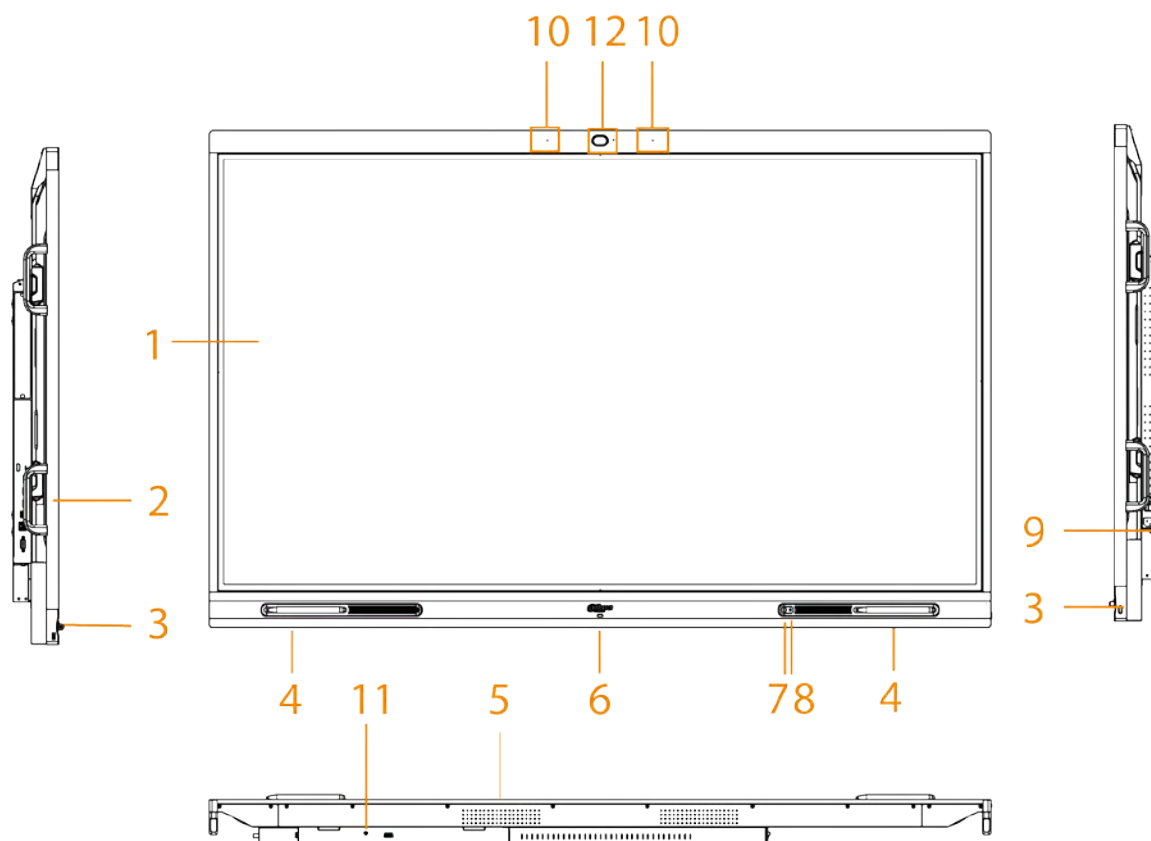


Table 4-1 Appearance description

No.	Description
1	LCD.
2	Left panel ports. For details, see Table 4-2.
3	USB 3.0 port.
4	Stylus pen area.
5	Speaker. Plays multimedia sound.
6	Indicator light. The light is red when the whiteboard is on standby and blue when the whiteboard is in normal use.
7	Light sensor. The whiteboard recognizes the ambient brightness through the light sensor and adjusts the backlight brightness automatically.
8	IR sensor. Receives signals from the remote control.
9	Power input port. Inputs 100–240 VAC power.  After connecting to power supply, press power button to turn on the whiteboard.
10	Microphones. Pick up live audio.
11	LINE OUT. An audio output port that connects to the earphone or speaker.
12	Built-in HD camera.

Figure 4-3 Ports

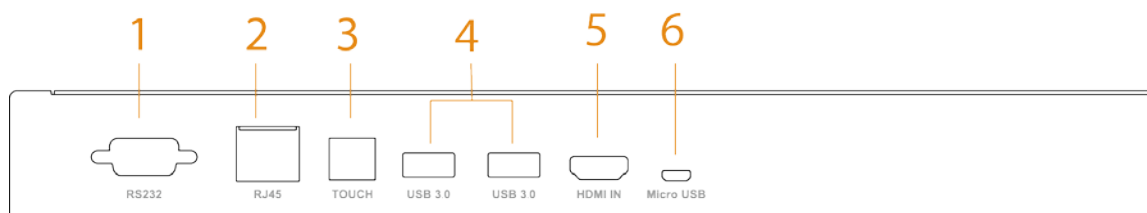


Table 4-2 Port description

No.	Name	Description
1	RS-232	Transmits data between devices. Can connect to central control devices with RS-232 port.
2	RJ-45	Network port. Connects to network cable to access network.
3	Touch	Transmits touch signals.
4	USB 3.0 (5V 0.9A)	Connects to USB devices such as mobile hard disk, USB flash drive, USB keyboard, and USB mouse, It is applicable to Android system and PC module.
5	HDMI IN	HD audio and video signal input port. Connects to PC, set-top box, and other video devices with HDMI output ports.
6	Micro USB	Only applicable to Android system. Uses for system debugging.

Appendix 1 Cybersecurity Recommendations

Cybersecurity is more than just a buzzword: it's something that pertains to every device that is connected to the internet. IP video surveillance is not immune to cyber risks, but taking basic steps toward protecting and strengthening networks and networked appliances will make them less susceptible to attacks. Below are some tips and recommendations from Dahua on how to create a more secured security system.

Mandatory actions to be taken for basic equipment network security:

1. Use Strong Passwords

Please refer to the following suggestions to set passwords:

- The length should not be less than 8 characters.
- Include at least two types of characters; character types include upper and lower case letters, numbers and symbols.
- Do not contain the account name or the account name in reverse order.
- Do not use continuous characters, such as 123, abc, etc.
- Do not use overlapped characters, such as 111, aaa, etc.

2. Update Firmware and Client Software in Time

- According to the standard procedure in Tech-industry, we recommend to keep your equipment (such as NVR, DVR, IP camera, etc.) firmware up-to-date to ensure the system is equipped with the latest security patches and fixes. When the equipment is connected to the public network, it is recommended to enable the "auto-check for updates" function to obtain timely information of firmware updates released by the manufacturer.
- We suggest that you download and use the latest version of client software.

"Nice to have" recommendations to improve your equipment network security:

1. Physical Protection

We suggest that you perform physical protection to equipment, especially storage devices. For example, place the equipment in a special computer room and cabinet, and implement well-done access control permission and key management to prevent unauthorized personnel from carrying out physical contacts such as damaging hardware, unauthorized connection of removable equipment (such as USB flash disk, serial port), etc.

2. Change Passwords Regularly

We suggest that you change passwords regularly to reduce the risk of being guessed or cracked.

3. Set and Update Passwords Reset Information Timely

The equipment supports password reset function. Please set up related information for password reset in time, including the end user's mailbox and password protection questions. If the information changes, please modify it in time. When setting password protection questions, it is suggested not to use those that can be easily guessed.

4. Enable Account Lock

The account lock feature is enabled by default, and we recommend you to keep it on to guarantee the account security. If an attacker attempts to log in with the wrong password several times, the corresponding account and the source IP address will be locked.

5. Change Default HTTP and Other Service Ports

We suggest you to change default HTTP and other service ports into any set of numbers between

1024–65535, reducing the risk of outsiders being able to guess which ports you are using.

6. **Enable HTTPS**

We suggest you to enable HTTPS, so that you visit Web service through a secure communication channel.

7. **MAC Address Binding**

We recommend you to bind the IP and MAC address of the gateway to the equipment, thus reducing the risk of ARP spoofing.

8. **Assign Accounts and Privileges Reasonably**

According to business and management requirements, reasonably add users and assign a minimum set of permissions to them.

9. **Disable Unnecessary Services and Choose Secure Modes**

If not needed, it is recommended to turn off some services such as SNMP, SMTP, UPnP, etc., to reduce risks.

If necessary, it is highly recommended that you use safe modes, including but not limited to the following services:

- SNMP: Choose SNMP v3, and set up strong encryption passwords and authentication passwords.
- SMTP: Choose TLS to access mailbox server.
- FTP: Choose SFTP, and set up strong passwords.
- AP hotspot: Choose WPA2-PSK encryption mode, and set up strong passwords.

10. **Audio and Video Encrypted Transmission**

If your audio and video data contents are very important or sensitive, we recommend that you use encrypted transmission function, to reduce the risk of audio and video data being stolen during transmission.

Reminder: encrypted transmission will cause some loss in transmission efficiency.

11. **Secure Auditing**

- Check online users: we suggest that you check online users regularly to see if the device is logged in without authorization.
- Check equipment log: By viewing the logs, you can know the IP addresses that were used to log in to your devices and their key operations.

12. **Network Log**

Due to the limited storage capacity of the equipment, the stored log is limited. If you need to save the log for a long time, it is recommended that you enable the network log function to ensure that the critical logs are synchronized to the network log server for tracing.

13. **Construct a Safe Network Environment**

In order to better ensure the safety of equipment and reduce potential cyber risks, we recommend:

- Disable the port mapping function of the router to avoid direct access to the intranet devices from external network.
- The network should be partitioned and isolated according to the actual network needs. If there are no communication requirements between two sub networks, it is suggested to use VLAN, network GAP and other technologies to partition the network, so as to achieve the network isolation effect.
- Establish the 802.1x access authentication system to reduce the risk of unauthorized access to private networks.

- Enable IP/MAC address filtering function to limit the range of hosts allowed to access the device.

More information

Please visit Dahua official website security emergency response center for security announcements and the latest security recommendations.

ENABLING A SAFER SOCIETY AND SMARTER LIVING

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 make changes to the product and 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

® **™** **HD** **CVI** 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 amending Directive (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/notices/

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 62368-1: Audio/video, information and communication technology equipment Part 1: Safety requirements and IEC/UL 60950-1: 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/notices/

Questo prodotto è conforme alle direttive e agli standard di marcatura CE applicabili:

- Bassa tensione (LVD) Direttiva 2014/35/UE.
- Compatibilità elettromagnetica (EMC) Direttiva 2014/30/UE.
- Restrizione sulle sostanze pericolose (RoHS) Direttiva 2011/65/UE e Direttiva delegata (UE) 2015/863.

È possibile ottenere una copia della dichiarazione originale di conformità da Dahua Technology.

La copia aggiornata della Dichiarazione di conformità UE firmata può essere scaricata da: www.dahuasecurity.com/support/notices/

CE-Compatibilità elettromagnetica (EMC)

Questa apparecchiatura digitale è conforme alla Classe B della certificazione EN 55032.

CE-Sicurezza

Questo prodotto è conforme alle disposizioni IEC/EN/UL 60950-1 o IEC/EN/UL 62368-1 sulla sicurezza delle apparecchiature informatiche.

Dichiarazione di conformità CE

(Solo per prodotti con trasmettitori / ricevitori RF)

Con la presente, Dahua Technology dichiara che l'apparecchiatura radio è conforme alla Direttiva sulle apparecchiature radio (RED) 2014/53/UE. Il testo integrale della Dichiarazione di conformità UE è disponibile al seguente indirizzo internet: www.dahuasecurity.com/support/notices/

Declaration of Conformity UKCA

This device complies with UKCA relevant legislations and standards.

- Electrical Equipment (Safety) Regulations 2016.
- Electromagnetic Compatibility Regulations 2016.
- The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012.

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 differences between the actual product and the manual. Please contact the customer service for the latest program and supplementary documentation.
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- 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.
- GET WIFI FREQUENCY & MAX ERIP FROM DAHUA SUPPORT (Only for the product has RF function)
- Visit Dahua Support at www.dahuasecurity.com/support.

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Address: 1134 Budapest, Anyagföldi út 5/b, 3. emelet 302/b, Hungary

Signalord	Beskrivelse
 ADVARSEL	Angiver middele eller lav risiko, som, hvis den ikke undgås, kan medføre lettere til moderat personskade.
 FORSIGTIG	Angiver mildt skade, som hvis den ikke undgås, kan resultere i skade på ejendommen, tab af data, reduceret ydelse eller uforudsigelige resultater.
 TIPS	Indeholder forslag, som hjælper dig med at løse et problem eller spare tid.
 BEMÆRK	Indeholder yderligere oplysninger, som understreger og supplerer teksten.

Sikkerhedskrav

- Følg lokale standarder for sikkerhed for at sikre, at spændingen er stabil og i overensstemmelse med produktets krav til transformering.
- Transportér, brug og opbevar produktet i beholder til de tilladte klimatiske forhold (temperatur og luftfugtighed). Se produktets tekniske specifikationer for specifik temperatur og luftfugtighed ved drift.
- Placer ikke produktet et sted med fugt, stov, stærk varme eller kulde, stærk elektronisk udstårling eller ustabile lysforhold.
- Installer ikke produktet i nærheden af en varmekilde, såsom en radiator, et varmeapparat, et centralfyr eller andre varmeafgivende enheder, for at undgå ildbrand.
- Undgå, at væske løber ind i produktet og dermed forårsager skade på de indvendige komponenter.
- Installer produktet vandret, eller installer det et stabilt sted for at undgå, at det falder ned.
- Installer produktet et sted med god udluftning, og bløker ikke produktets ventilationsåbninger.
- Abskyl ikke produktet.
- Undgå stærkt tryk, kraftige vibrationer og gennemblødning under transport, opbevaring og installation. Produktet skal være fuldt emballeret under transport.
- Brug fabrikemballage eller tilsvarende til transporten.

Batteri

Lav batterispænding påvirker driftens af realtidssuret og får uret til at nulstille, hver gang produktet tændes. Der vises en fejlmeddelelse i produktets serverport, når batteriet sidder forkert. Se konfigurationsiderne til produktet, eller kontakt Dahuas support team for at få flere oplysninger om serverportens.

ADVARSEL

- Der er risiko for eksplosion, hvis batteriet udforktes forkert.
- Udforkt kun med et tilsvarende batteri eller et batteri, der anbefales af Dahua.
- Bortskaf brugte batterier i overensstemmelse med lokale bestemmelser eller batteriproducentens anvisninger.

Suomi

Tärkeitä varotoimenpiteitä ja varoituksia

Tässä luvussa kuvataan laitteen asianmukainen käsittely, vaurjojen torjunta ja omaisuusvahinkojen estäminen. Lue tämä sisältö huolellisesti ennen laitteen

- Ne postavljate ustrojstvo blizno do izotokh na toplina, kao radiator, nagrevatel, peć ili drugo ustrojstvo za generiranje na toplina, za da izbегnete пожар.
- Ne dopuskajte в ustrojstvo da padane tenčnost, za da ne povredят vnutrennie komponenti.
- Montirajte ustrojstvo horizontalno или го postavite na stabilno mesto, za da ne padne.
- Montirajte ustrojstvo na dobre provetreno mesto и ne blokirajte ventilaciona na ustrojstvo.
- Ne razblazivajte ustrojstvo proizvoljno.
- Izbegavajte silno nataravane, vibracije и namokranje по време на transportiranje, съхраняване и монтаж. При transportiranе следва да се опакова напълно.
- Исползвайте за transportiranje фабричната опаковка или подобна.

Bateriya

Niskaта мощност на батерията влияе на работата на часовника в реално време (RTC), което води до нулиране при всяко включване. Когато батерията трябва да бъде сменена, в отчета на съдържана на продукта ще се покаже съобщение. За повече информация относно отчета на съдържана вижте страниците за настройка на продукта или се свържете с експерта на Dahua.

ПРЕДУПРЕЖДЕНИЕ

- Ако батерията е неправилно подменена, има риск от експлозия.
- Сменяйте само със същата или батерия, препоръчана от Dahua.
- Изхвърляйте използваните батерии в съответствие с местните разпоредби или инструкциите на производителя на батерията.

Românesc

Masuri de siguranta si Atentionari

Acest capitol descrie indicatiile de utilizare corecta a Dispozitivului , prevenirea pericolului si prevenirea distrugerii proprietatii.Cititi aceste randuri inaintea folosirii Dispozitivului

Instructiuni de siguranta

Urmatoarele semne categorizate pot aparea in Ghid.

Signal Words	Meaning
 PERICOL	Indică un risc potențial ridicat care, dacă nu este evitat, va duce la daune sau vătămări grave.
 AVERTIZARE	Indică un pericol potențial mediu sau scăzut care, dacă nu este evitat, poate duce la răni ușoare sau moderate.
 ATENTIE	Indică un risc potențial care, dacă nu este evitat, ar putea duce la daune materiale, pierderi de date, performanțe mai scăzute sau rezultate imprevizibile.
 SFATURI	Offeră metode care să vă ajute să rezolvați o problemă sau să economisiți timp.

UK Declaration of Conformity (DoC) can be downloaded from: <https://www.dahuasecurity.com/uk/newsEvents/DahuaNotice/572>
Hereby, Dahua Technology declares that the radio equipment is compliant with Radio Equipment Regulations 2017.

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 SDOC 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:

Authorised representative established within the UK:

DAHUA TECHNOLOGY UK LIMITED
Address:3rd Floor Quantum, 60 Norden Road, Maidenhead, Berkshire, United Kingdom, SL6 4AY

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
 DANGER	Indicates a high potential hazard which, if not avoided, will result in death or serious injury.
 WARNING	Indicates a medium or low potential hazard which, if not avoided, could result in slight or moderate injury.
 CAUTION	Indicates a potential risk which, if not avoided, could result in property damage, data loss, lower performance, or unpredictable result.
 TIPS	Provides methods to help you solve a problem or save you time.
 NOTE	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.
- Do not disassemble the device arbitrarily.

käyttämistä ja noudatta näitä ohjeita, kun käytät laitetta. Säilytä ohjeet tulevia tarpeita varten.

Turvallisuushoje

Suoraavat luokitellut huomionsanat kuvattulla merkityksellä saattavat esiintyä oppaassa.

Huomionsanat	Merkitys
 VAARA	Ilmaisee suuren potentiaalisen vaaran, joka johtaa kuolemaan tai vakavaan loukkautumiseen, jos sitä ei vältetä.
 VAROITUS	Ilmaisee keski-suuren tai pienen potentiaalisen vaaran, joka saattaa johtaa lievään tai kohtalaisen loukkautumiseen, jos sitä ei vältetä.
 HUOMIO	Ilmaisee mahdollisen vaarallisen tilanteen, joka saattaa johtaa omaisuusvahinkoon, tietojen menetykseen, suoritustehon heikkenemiseen tai odottamattomiin vaurioihin, jos sitä ei vältetä.
 VINKIT	Tarjoo apua ongelmien ratkaisemiseen tai säästävää aikaa.
 HUOMAUTUS	Tarjooa lisätietoa, joka korostaa tai täydentää tekstiä.

Turvallisuusvaatimus

- Noudatta paikallisia sähköturvallisuusstandardeja varmistakaitsen, että jännitte on vakaa ja vastaa laitteen virtilähetele asetettuja vaatimuksia.
- Transporti, käyttö ja säilytys lämpö- ja kosteus- ja lämpötilaolosuhteissa. Katso laitteen erityinen käyttölämpötila ja -kosteus laitteen vastaavista teknistä tiedoista.
- Älä sijoita laitetta paikkaan, jossa se altistuu kosteudelle, pölylle, erittäin kuivalle tai kylmälle lämpötilalle, voimakkaalle sähköstaattisille tai epävakaille valaistusolosuhteille.
- Älä asenna laitetta lähellä lämmönalohdettua, kuten lämpöpatteria, lämmintä, uunin tai muuta lämpöä tuottavaa laitetta, tulipalon välttämiseksi.
- Vältä nesteen pääsemistä laitteen sisälle sisäisten komponenttien vahingoittumisen estämiseksi.
- Asenna laite vaakaasuoraan tai asenna se vaakaseen paikkaan estääksesi sen kaatumisen.
- Asenna laite hyvin ilmastoitua paikkaan jalka peitä laitteen tuuletusaukkoja.
- Älä pura laitetta omavallan.
- Vältä kovaa raskasta, voimakasta tärinää ja kosteutta kuljetuksen, säilytyksen ja asennuksen aikana. Kuluus vaatii täydellisen pakkaamisen.
- Käytä tehtaan pakkausta tai vastaavaa kuljetuksen aikana.

Paristo

Alhainen pariston varausaisto vaikuttaa toisaallekseen (RTC:n) toimintaan nollaten sen jokaisella käynnistyksellä. Luvittavissa ilmestyy tuetaan pariston pariston, kun paristo on vaihdettava. Lisätietoja paristoparistosta saat tuoteen esittelysivuilta tai ottamalla yhteyttä Dahuan tukeen.

VAROITUS

- Räjähdytsvaara, jos paristo asetetaan väärin paikalleen.
- Vahida vain samalaniseen paristoon tai Dahuan suosittelemaan paristoon.
- Vahita käytetty paristot ja akut paikallisten määräysten tai valmistajan ohjeiden mukaisesti.

Signal Words	Meaning
 NOTA	Offeră informații suplimentare ca accent și supliniment la text.

Cerinte de siguranta

- Respectati standardele locale de siguranta electrică pentru a vă asigura că tensiunea este stabilă și respectați cerințele de alimentare ale dispozitivului.
- Transportati, utilizati și depozitati dispozitivul sub condițiile de umiditate și temperatură admise. Consultați specificatiile tehnice corespunzătoare ale dispozitivului pentru temperatură și umiditate specifică de lucru.
- Nu așezați dispozitivul într-o locație expusă la umezițe, praf, extrm 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 alt dispozitiv generator de căldură, pentru a evita incendii.
- Impedicați curgerea 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.
- Nu dezamblați dispozitivul voit.
- Evitați loviturile puternice, vibrațiile violente și umiditatea în timpul transportului, depozitării și instalării. Este necesar un pachet complet în timpul transportului.
- Nu instalați pachetul de fabrica sau echivalent în timpul transportului.

Baterile

Puterea redusă a bateriei afectează funcționarea RTC, determinând resetarea la ficare rețea. Când bateria are nevoie de înlocuire, în raportul serverului produsului sau 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 încorect.
- Înlocuiți numai cu o baterie identică sau cu 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. Přečtě si tyto informace pečlivě před použitím zařízení, během používání zařízení je dodržujte a uschovejte je pro budoucí použití.

Bezpečnostní pokyny

Tato příručka může obsahovat následující kategorie signálních slov.

Signální slova	Význam
 NEBEZPEČÍ	Označuje možnost závažného nebezpečí, které, pokud by mu nebylo zamezeno, může mít za následek smrt nebo vážné zranění.

(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 radioexempts 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.

The device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

Les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

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.

- Avoid heavy stress, violent vibration, and soaking during transport, 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