



Multi-target Speed Measuring Radar

User's Manual



Foreword

General





This manual introduces the installation, functions, and operations of the multi-target speed measuring radar (hereinafter referred to as the "Radar"). Read carefully before using the device, and keep the manual safe for future reference.

Models

DHI-ITARD-024MA-T4 and DHI-ITARD-024MA-T6

Safety Instructions

The following signal words might appear in the manual.

Signal Words	Meaning
 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.	June 2022

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 Radar, hazard prevention, and prevention of property damage. Read carefully before using the Radar, and comply with the guidelines when using it.

Transportation Requirements



- Pack the Radar with packaging provided by its manufacturer or packaging of the same quality before transporting it.
- Transport the Radar under allowed humidity and temperature conditions.

Storage Requirements



Store the Radar under allowed humidity and temperature conditions.

Installation Requirements



- Do not connect the power adapter to the Radar while the adapter is powered on.
- Strictly comply with the local electric safety code and standards. Make sure that the ambient voltage is stable and meets the power supply requirements of the Radar.
- Do not connect the Radar to two or more kinds of power supplies, to avoid damage to the Radar.
- Use the accessories suggested by the manufacturer. Installation and maintenance must be performed by qualified professionals.
- When using a laser beam device, avoid exposing the surface of the Radar to laser beam radiation.
- Do not install the Radar in an environment that has a large amount of metal, advertising boards, walls or electromagnetic interference. Otherwise, the performance of the Radar might be affected
- Do not install 2 devices with the same frequency in the same environment. Otherwise, the Radar might not work properly.



- Personnel working at heights must take all necessary measures to ensure personal safety including wearing a helmet and safety belts.
- Do not place the Radar in a place exposed to sunlight or near heat sources.
- Keep the Radar away from dampness, dust, and soot.
- Put the Radar in a well-ventilated place, and do not block its ventilation.
- Use an adapter or cabinet power supply provided by the manufacturer.
- The power supply must conform to the requirements of SELV in IEC 60065 or IEC 60950-1 standard. Please note that the power supply requirements are subject to the Radar label.
- The Radar is a class I electrical appliance. Make sure that the power supply of the Radar is connected to a power socket with protective earthing.

- An emergency disconnect device must be installed during installation and wiring at a readily accessible location for emergency power cut-off.
- Protect the line cord and wires from being walked on or squeezed particularly at plugs, power sockets, and the point where they exit from the Radar.
- Make sure that the Radar is installed horizontally, and that there are no items blocking the front of the Radar.

Operation Requirements



- Check whether the power supply is correct before use.
- Do not unplug the power cord on the side of the Radar while the adapter is powered on.
- Operate the Radar within the rated range of power input and output.
- Use the Radar under allowed humidity and temperature conditions.
- Do not drop or splash liquid onto the Radar, and make sure that there is no object filled with liquid on the Radar to prevent liquid from flowing into it.
- Do not disassemble the Radar without professional instruction.
- We recommend you use the Radar with a lightning protection device for stronger protection against lightning. For outdoor scenarios, strictly comply with the lightning protection regulations.
- We recommend you ground the function earthing portion of the Radar to improve its reliability. The Radar is a class I electrical appliance. Make sure that the power supply of the Radar is connected to a power socket with protective earthing.

Maintenance Requirements



- Use a soft dry cloth or a clean soft cloth dipped in a small amount of neutral detergent to clean the Radar.
- Use the accessories suggested by the manufacturer. Installation and maintenance must be performed by qualified professionals.

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1 Product Introduction

1.1 Overview

The Radar is developed for the traffic industry by using brand-new software and hardware technologies. The Radar has 2 models: DHI-ITARD-024MA-T4 (suitable for 4 lanes) and DHI-ITARD-024MA-T6 (suitable for 6 lanes). With a working frequency that ranges from 24 GHz to 24.25 GHz, the Radar conforms to global frequency standards. You can use the Radar to measure the information of multiple targets at the same time, including the distance between a target and the Radar, the angle between a target and the Radar, and target speed. Based on the measuring results, the Radar provides accurate trigger information.

The Radar adopts the frequency-modulated continuous-wave (FMCW) technology, which allows the Radar to accurately and quickly distinguish distances and speeds. For angle measurement, the Radar adopts the multiple-input and multiple-output (MIMO) technology, which allows the Radar to measure and distinguish angles with higher accuracy. In addition, the Radar is equipped with advanced tracking algorithm. The algorithm ensures that the Radar can measure the information of all targets in target-intensive scenarios. With these technologies, the Radar can be used to help monitor the checkpoints of multiple lanes and collect traffic information, and is particularly suitable for places with heavy traffic flow.

1.2 Functions

- You can install the Radar above the lanes or at the side of the lanes.
- DHI-ITARD-024MA-T4 has a horizontal viewing angle of 60° and can cover 4 lanes.
- DHI-ITARD-024MA-T6 has a horizontal viewing angle of 120° and can cover 6 lanes.
- Output trigger information includes lane numbers, vehicle speeds, and vehicle lengths.
- You can set the trigger distance between 20 m and 55 m. The accuracy is 1 m.
- You can set the lower limit of the trigger speed.
- The Radar supports signal processing based on MIMO.
- The Radar supports 100 M network port and RS-485 communication port.
- The Radar supports automatic calibration of the horizontal angle, which facilitates installation and debugging.

2 Appearance and Structure

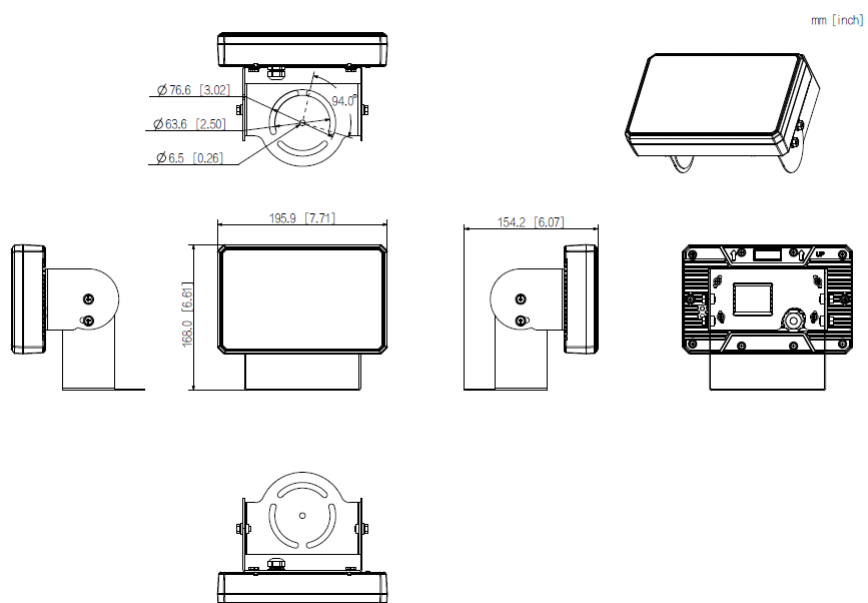
2.1 Appearance

Figure 2-1 Radar appearance



2.2 Dimensions

Figure 2-2 Dimensions



3 Installing the Radar

3.1 Installation Requirements

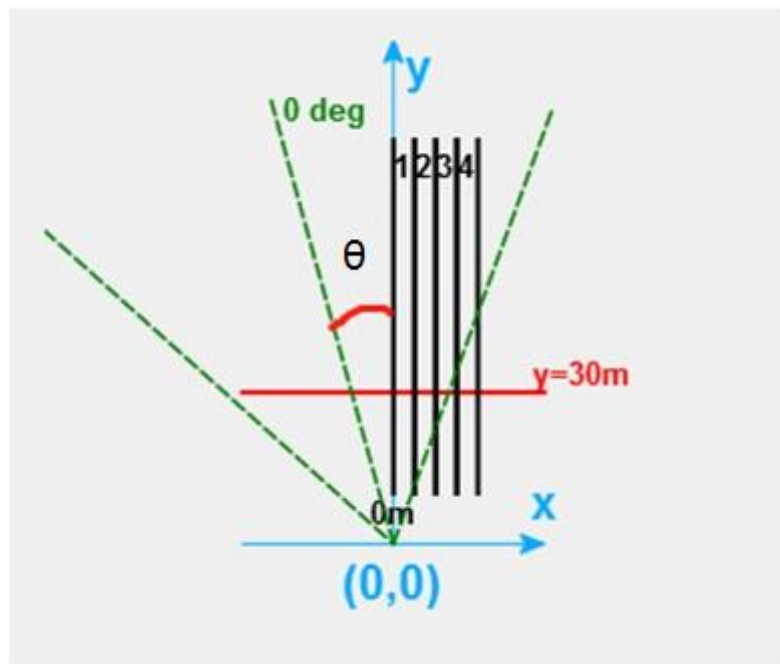
- Make sure that the Radar is installed in an environment without shelter and electromagnetic interference.
- Do not install 2 devices with the same frequency in the same environment. Otherwise, the Radar might not work properly.
- Keep the Radar away from large metal reflectors such as advertising boards.
- Install the Radar at a height between 5 m and 8 m.

3.2 Horizontal Angle and Pitch Angle

3.2.1 Horizontal Angle

The horizontal angle is the angle between the normal of the Radar and the lanes. If the normal is at the left side of the left-most lane (y-axis), the horizontal angle is a positive value. Otherwise, the horizontal angle is a negative value.

Figure 3-1 Horizontal angle



The Radar has a spirit level, as shown in the following figure. After you mount the Radar, adjust the horizontal angle until the bubble in the spirit level is in the middle part.

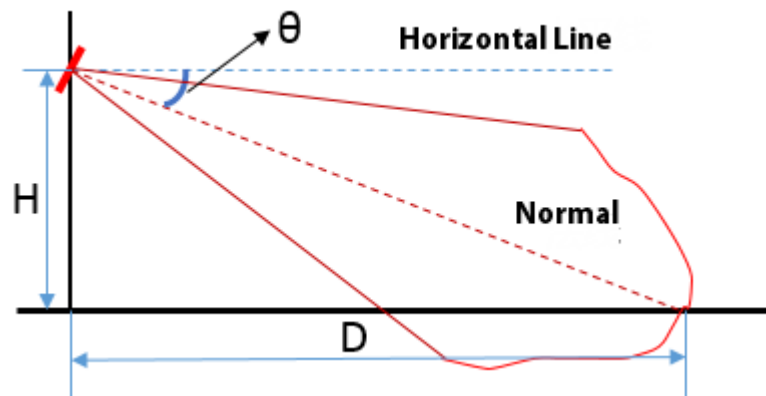
Figure 3-2 Spirit level



3.2.2 Pitch Angle

The pitch angle is the angle between the normal of the Radar and the horizontal line. If the Radar is down towards the road surface, the pitch angle is a negative value. Otherwise, the pitch angle is a positive value.

Figure 3-3 Pitch angle



You can set the installation height, trigger distance, and pitch angle based on the following table.

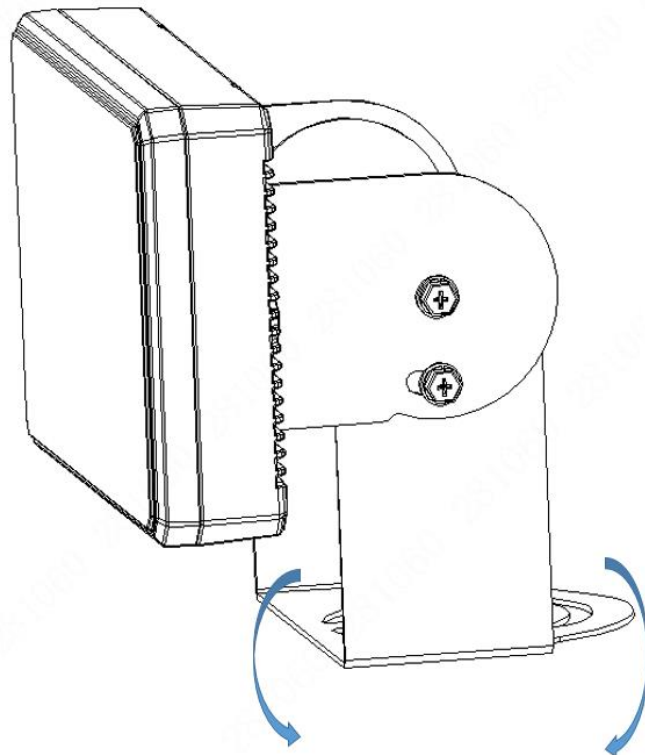
Table 3-1 Recommended pitch angle

Trigger Distance	Pitch angle (H = 4 m)	Pitch angle (H = 5 m)	Pitch angle (H = 6 m)	Pitch angle (H = 7 m)	Pitch angle (H = 8 m)
20 m	-6.0°	-7.5°	-9.0°	-10.4°	-11.9°
25 m	-6.0°	-7.5°	-9.0°	-10.4°	-11.9°
30 m	-6.0°	-7.5°	-9.0°	-10.4°	-11.9°
35 m	-6.0°	-7.5°	-9.0°	-10.4°	-11.9°
40 m	-5.7°	-7.1°	-8.5°	-9.9°	-11.3°
45 m	-5.1°	-6.3°	-7.6°	-8.8°	-10.1°
50 m	-4.6°	-5.7°	-6.8°	-8.0°	-9.1°
55 m	-4.2°	-5.2°	-6.2°	-7.3°	-8.3°

3.3 Installation Procedure

- Step 1 Fix the Radar to the traffic light pole by using a pole mount bracket. You must prepare a pole mount bracket as needed.

Figure 3-4 Fix the Radar



Fix the Radar to the traffic light pole at this place.

- Step 2** Adjust the pitch angle based on Table 3-1. You can adjust the pitch angle by adjusting the location of the Radar bracket.
- Step 3** Adjust the horizontal angle. We recommend you make the Radar surface that emits beams face the middle part of the road. This ensures that the Radar beams can cover the area to be detected.

Figure 3-5 Radar installed right above the lanes

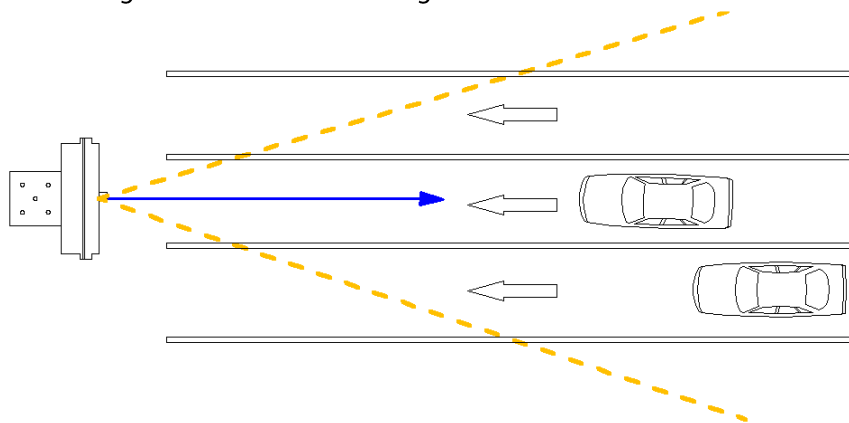
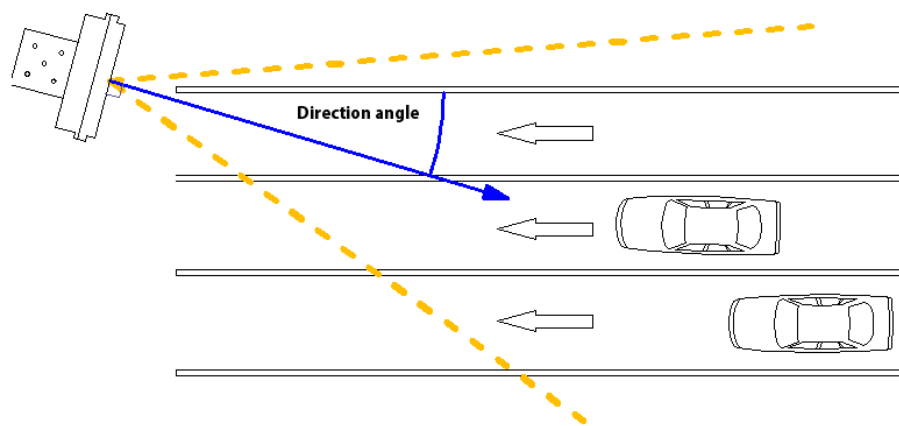


Figure 3-6 Radar installed at the side of the lanes



3.4 Wires and Indicator Lights

- Power cord

Figure 3-7 Power cord

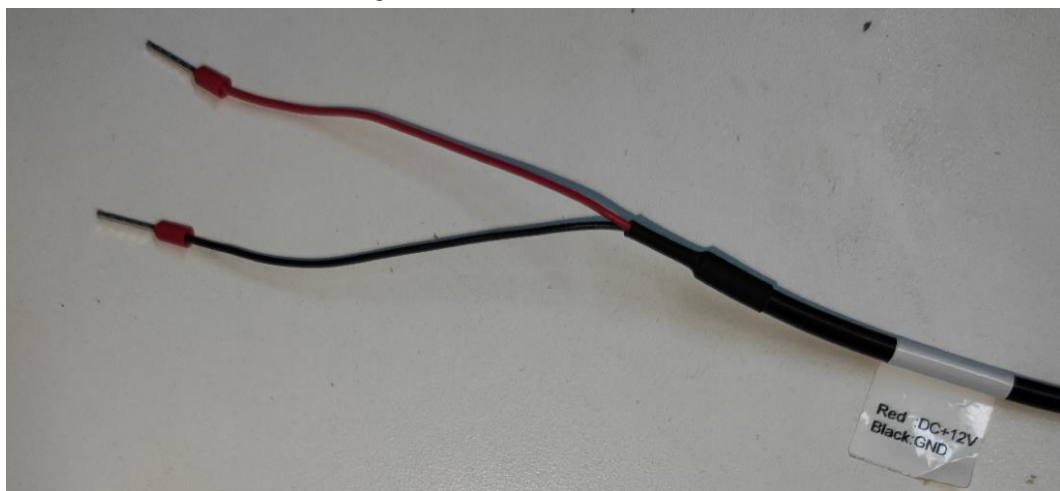


Table 3-2 Wire description

Wire color	Description
Red	DC + 12 V
Black	GND

- RS-485

Figure 3-8 RS-485

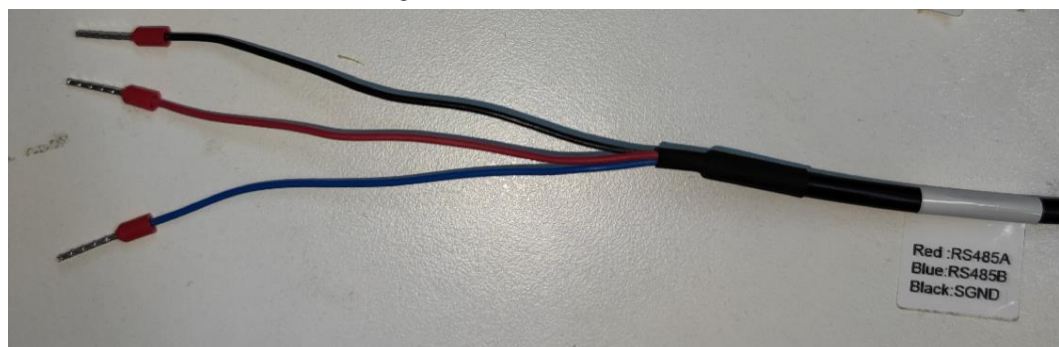


Table 3-3 Wire description

Wire color	Description
Red	RS-485A
Blue	RS-485B
Black	SGND

- RJ-45

Figure 3-9 Standard RJ-45 connector



- Indicator lights

Figure 3-10 Indicator lights on the Radar



- ◇ The Radar has 2 indicator lights. The red light is the power indicator, and the green light is the signal indicator.
- ◇ After the Radar is powered on, the power indicator keeps on. If the Radar is started as expected, the signal light flashes several times and then turns off.
- ◇ If the Radar is connected to WI-FI, the power light continuously flashes.
- ◇ If a vehicle triggers the Radar, the signal light flashes once.

4 Client Operations

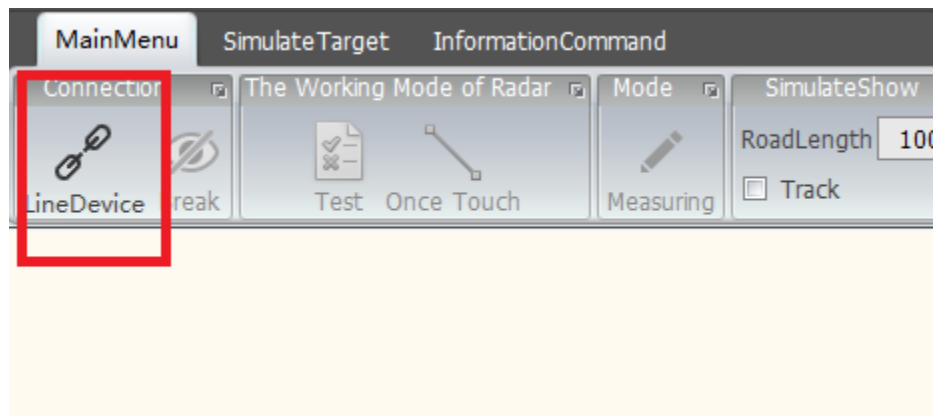
In the client, you can set parameters such as the installation height, pitch angle, deflection angle, and horizontal offset.

4.1 Modifying Parameters

This section describes how to debug the network port. The procedure of debugging the network port is the same as that of debugging the serial port and WI-FI.

Step 1 Log in to the client, click **MainMenu**, and then click **LineDevice**.

Figure 4-1 Connect the Radar to the network



Step 2 Select **TCP**, enter an IP address and a port number, and then click **OK**.



- The default IP address is 192.168.1.108, and the default port number is 5004.
- The default baud rate of RS-485 is 9,600 bps, and the default WI-FI password is DAHUA123.

Figure 4-2 Select a connection method

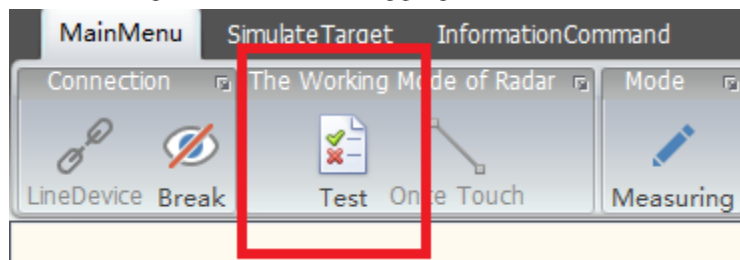


Step 3 Click **Test** to go to debugging mode.



You can modify Radar parameters only in debugging mode.

Figure 4-3 Go to debugging mode

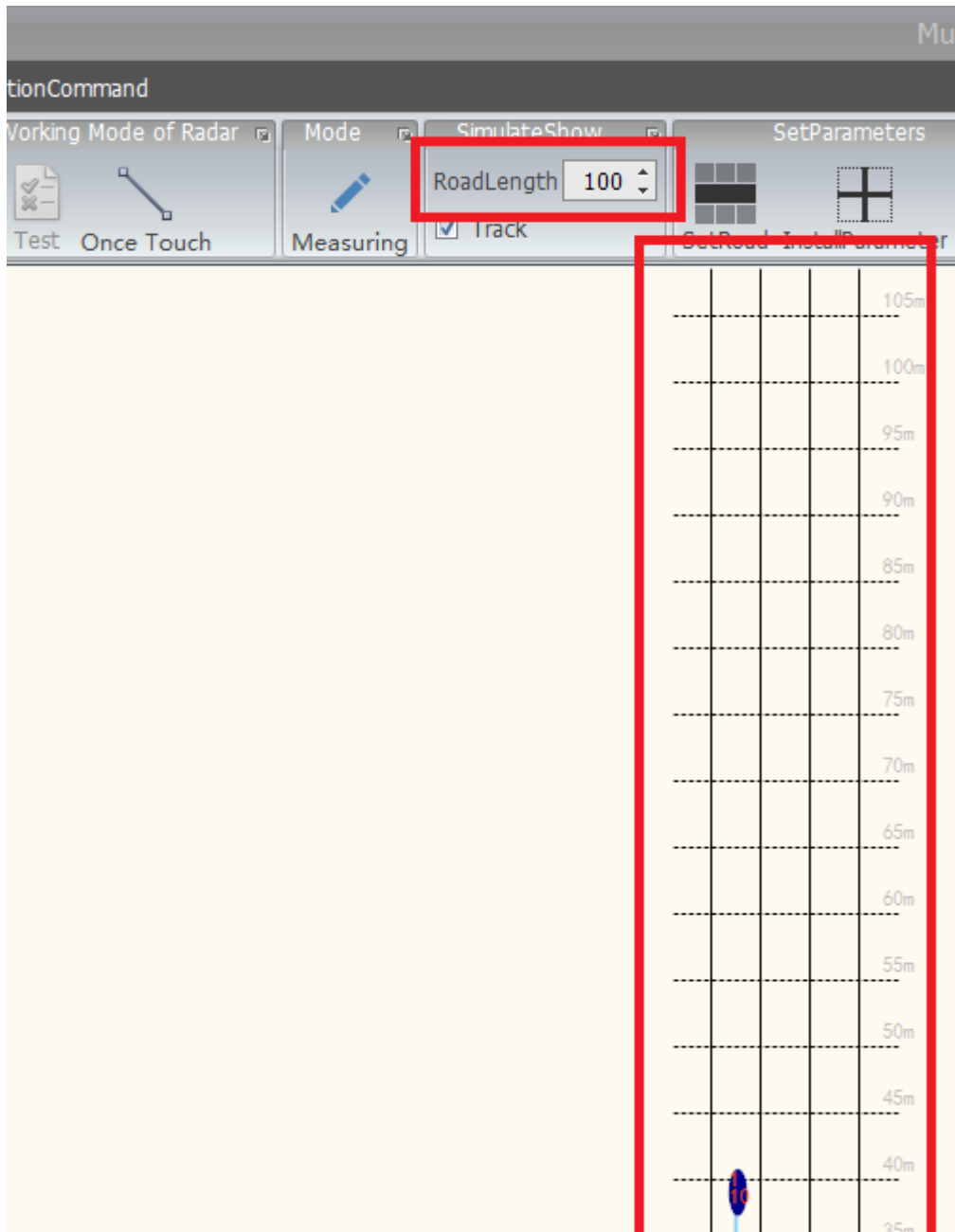


Step 4 Set **RoadLength**.



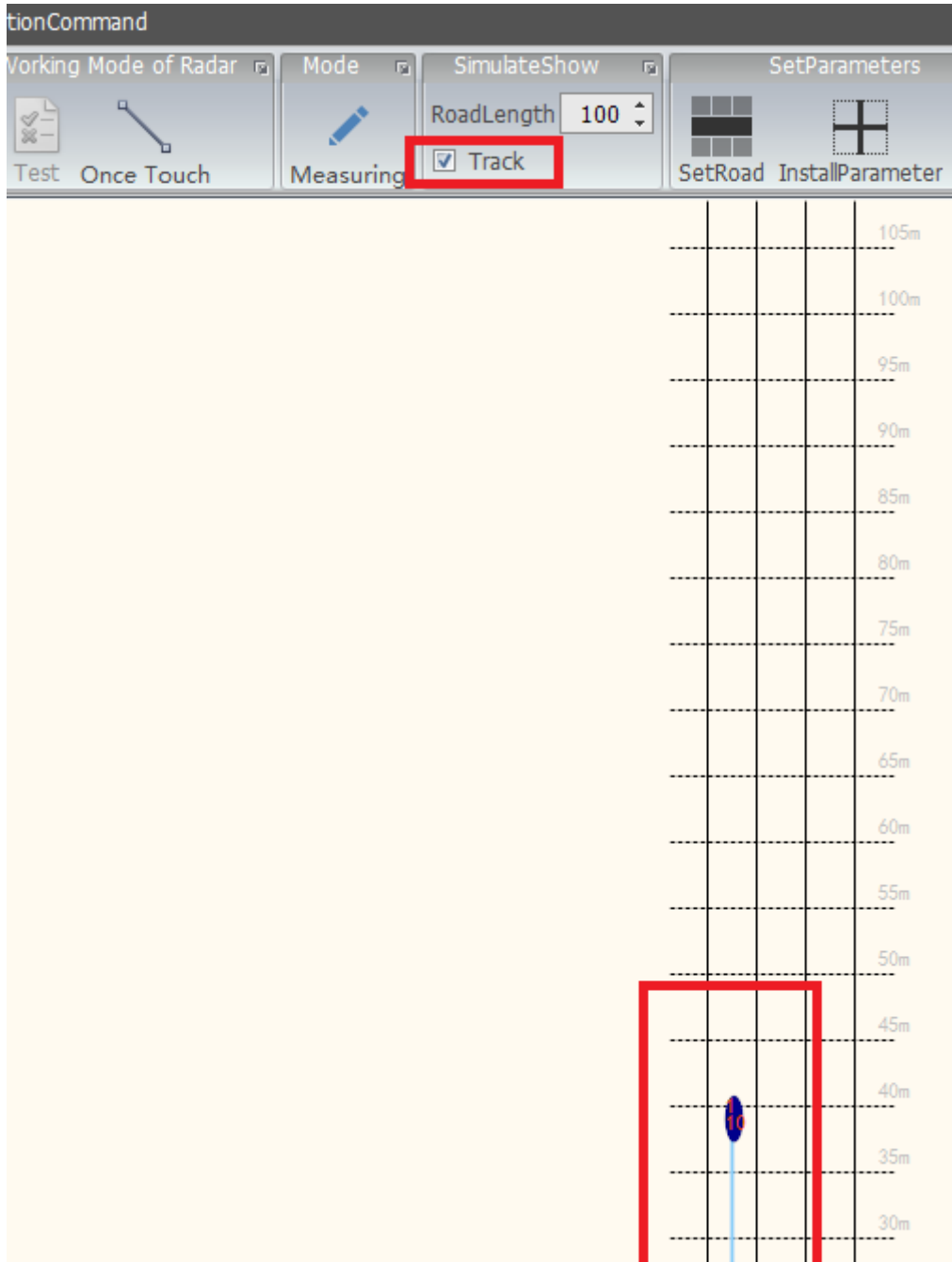
The configured road length is irrelevant to the maximum detection distance.

Figure 4-4 Set the road length



Step 5 Select **Track** to display the moving track of targets.

Figure 4-5 Display the moving track of targets

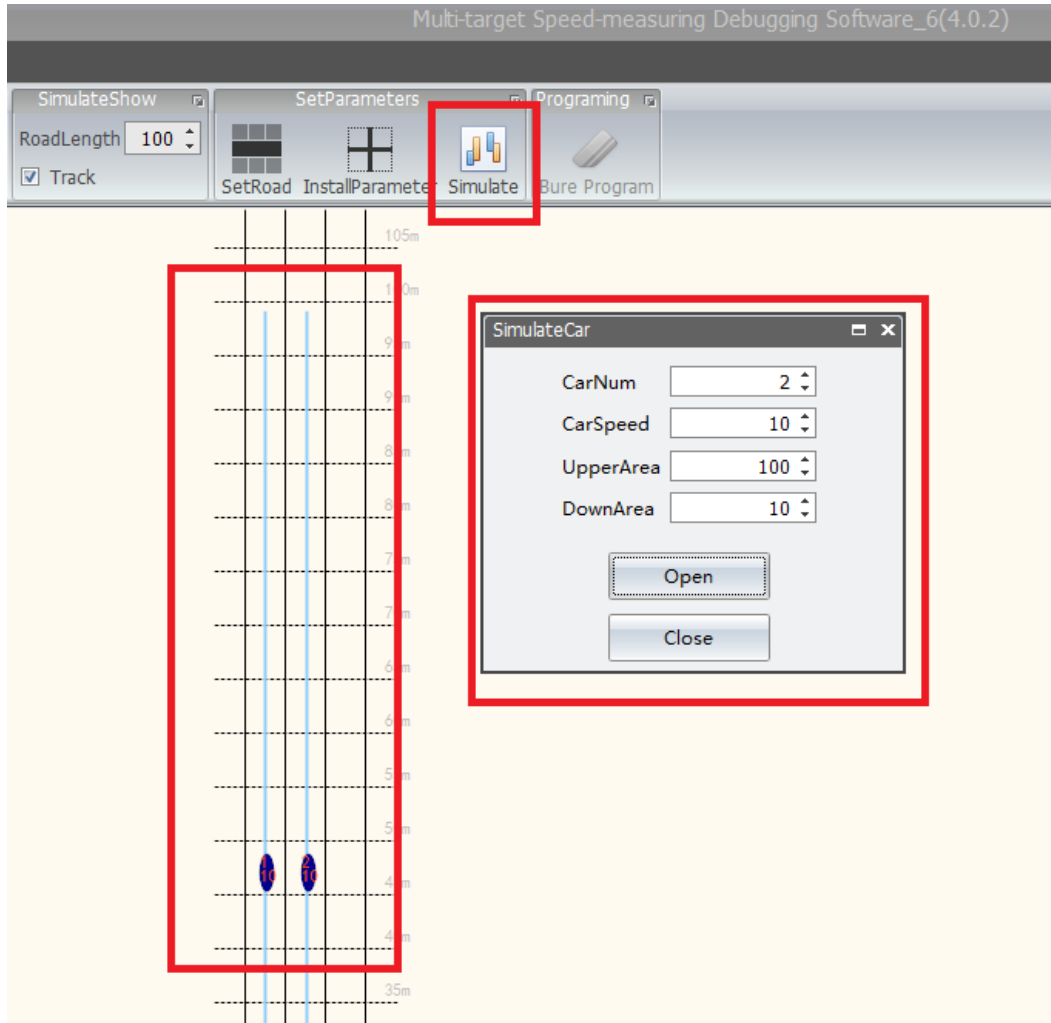


Step 6 Click **Simulate**. In the **SimulateCar** dialog box, set parameters to simulate vehicle passing.



The function is disabled by default.

Figure 4-6 Simulate vehicle passing



Step 7 Click **SetRoad**. In the **RoadInformation** dialog box, set the following parameters:

Figure 4-7 Road information

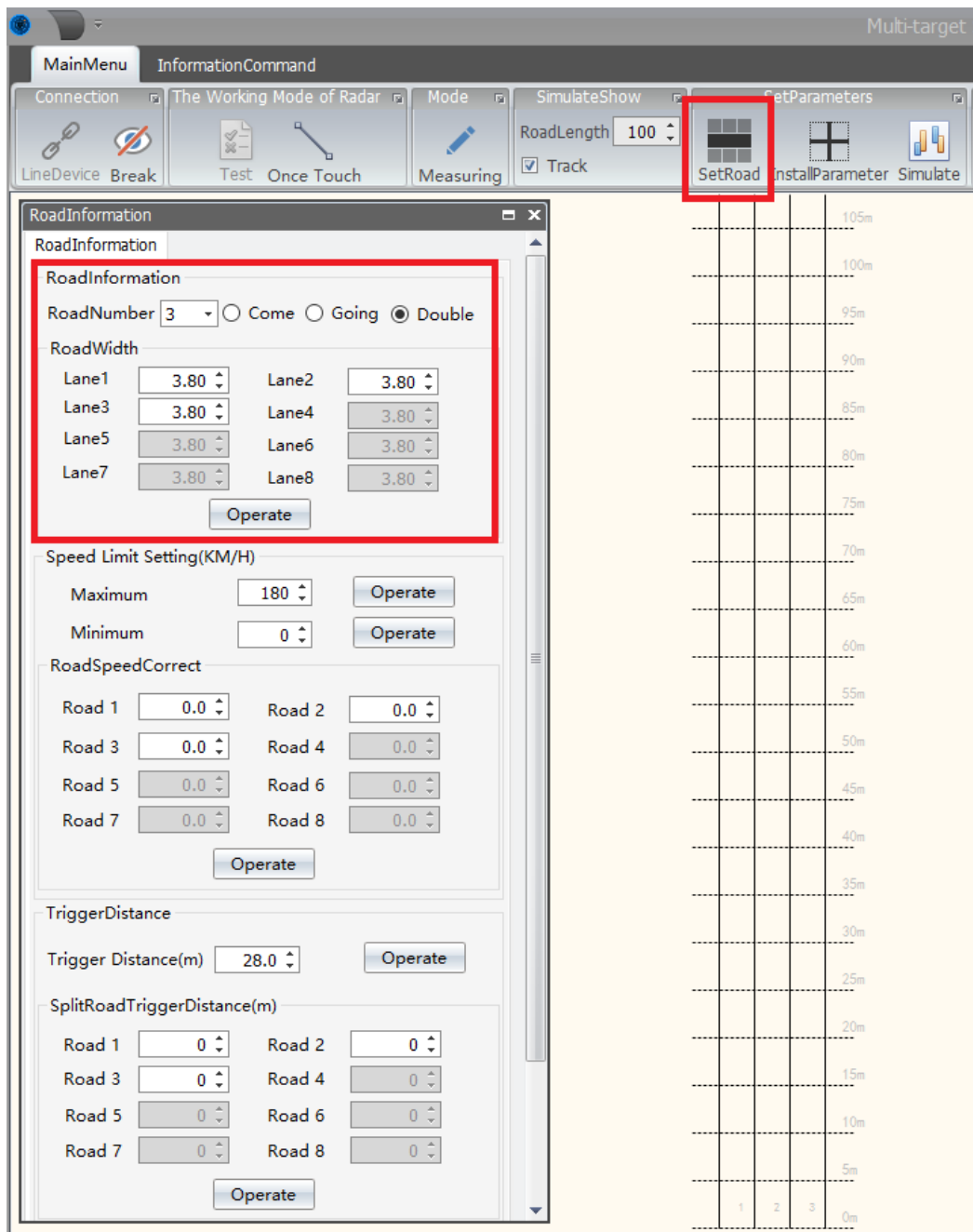


Table 4-1 Road information parameters

Parameter	Description
RoadNumber	The number of lanes.
RoadWidth	The width of the lane.
Come/Going/Double	The road direction.
Maximum	The maximum reported speed of captured targets. If you set the maximum reported speed to 180 km/h, the reported speed of any captured target is 180 km/h even if it runs at a speed of 190 km/h.
Minimum	The minimum reported speed of captured targets. If the speed of a target is lower than the minimum speed, the target is not captured.

Parameter	Description
RoadSpeedCorrect	Enter appropriate values to correct the captured speed. If the overall speed is lower than the actual speed, enter positive values. Otherwise, enter negative values.
TriggerDistance(m)	The trigger distance.
SplitRoadTriggerDistance(m)	Enter appropriate values to correct the specified trigger distance. If the specified trigger distance is shorter than the actual trigger distance, enter negative values. Otherwise, enter positive values.

Step 8 Click **InstalParameter**. In the **Installation** dialog box, set the following parameters:

Figure 4-8 Installation

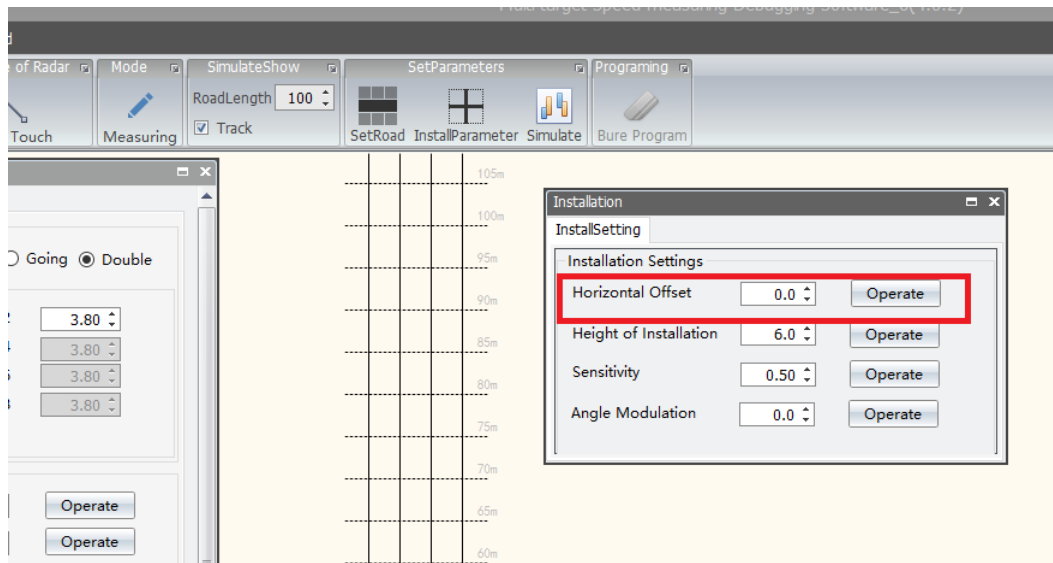
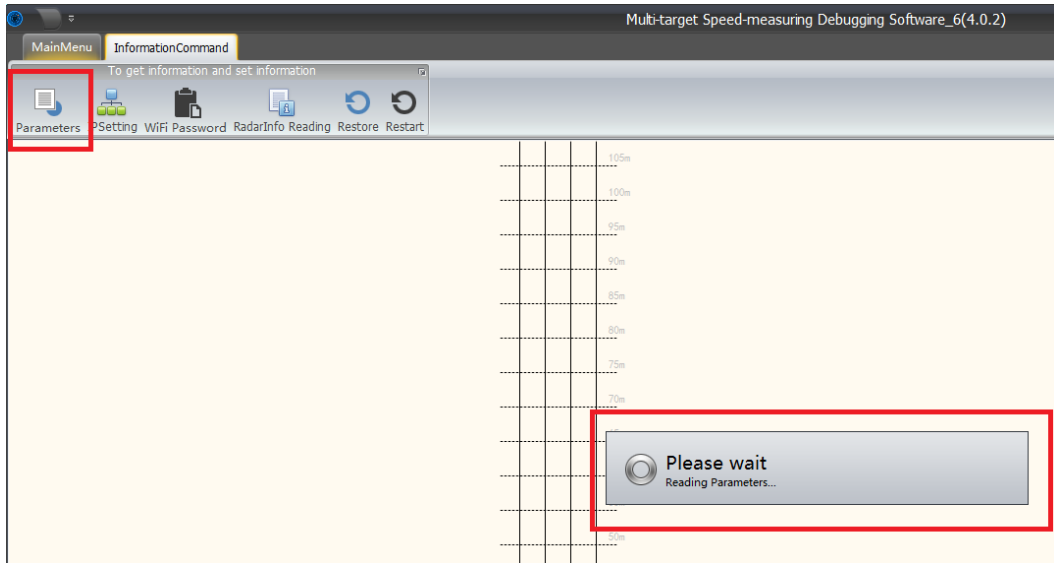


Table 4-2 Installation parameters

Parameter	Description
Horizontal Offset	The horizontal offset. The default value is 0. If you want to move targets to the left, increase the value. Otherwise, decrease the value.
Height of Installation	The installation height.
Sensitivity	The sensitivity of the Radar to detect targets. A lower value indicates higher sensitivity. The default value is 0.5.
Angle Modulation	The default value is 0. In general, the moving track of a target is a straight line. If the track tilts to the left, set the parameter to a positive value. If the track tilts to the right, enter a negative value.

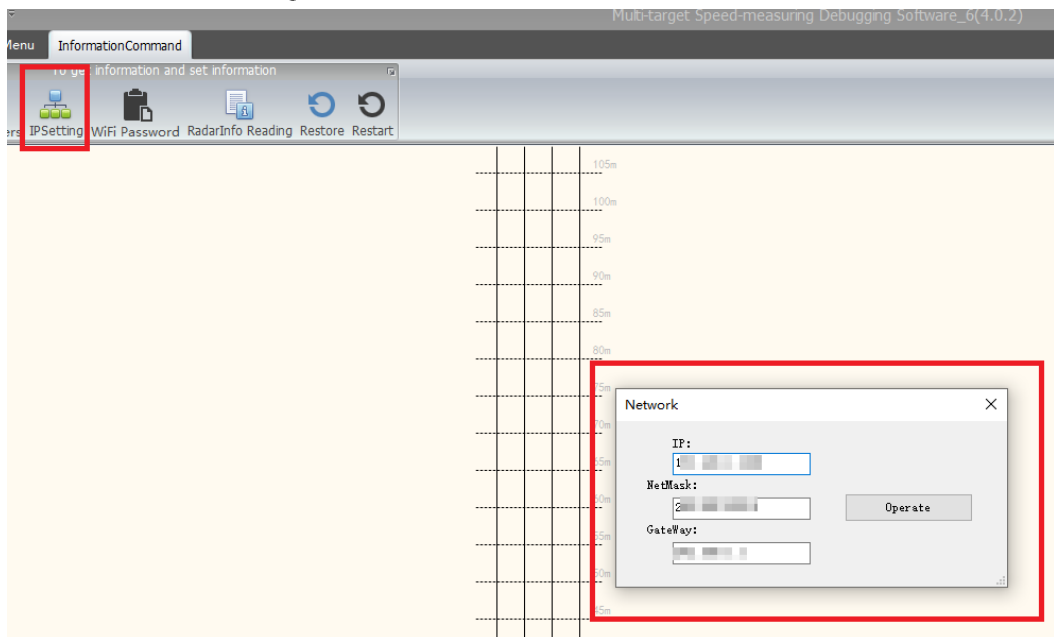
Step 9 Click **InformationCommand**, and then click **Parameters** to read all parameters.

Figure 4-9 Read all parameters



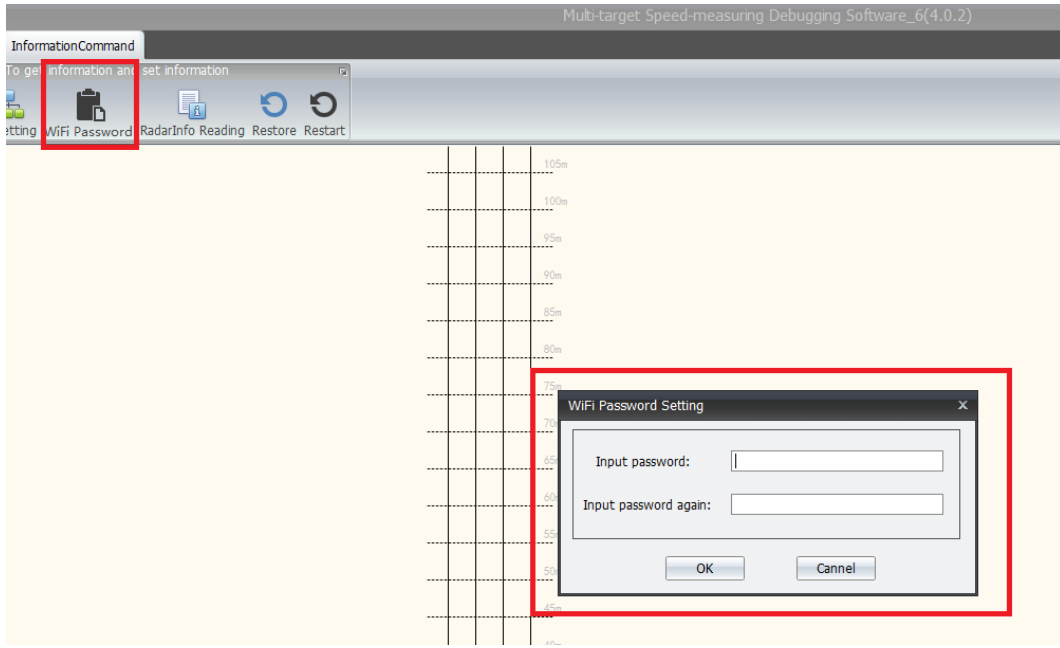
Step 10 Click **IPSetting**. In the **Network** dialog box, set **IP**, **NetMask**, and **GateWay**, and then click **Operate**.

Figure 4-10 Set network information



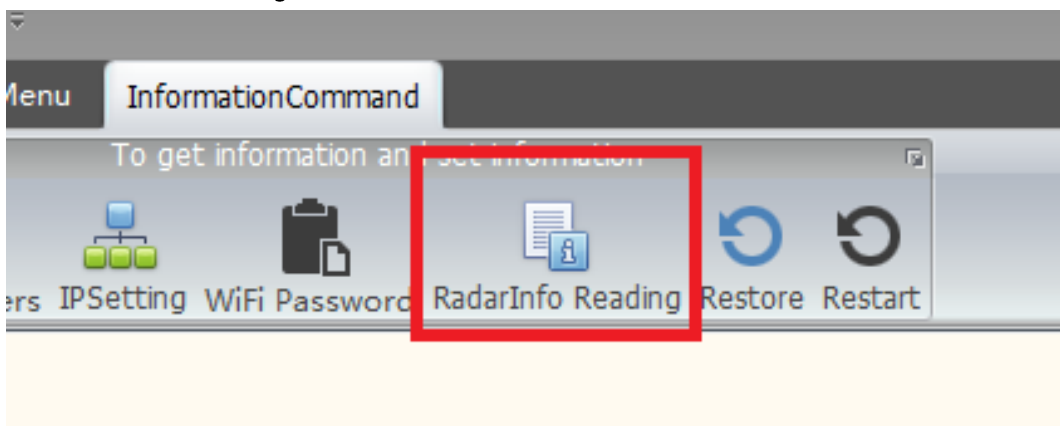
Step 11 Click **WiFi Password**. In the **WiFi Password Setting** dialog box, set the WI-FI password and then click **OK**.

Figure 4-11 Set the WI-Fi password



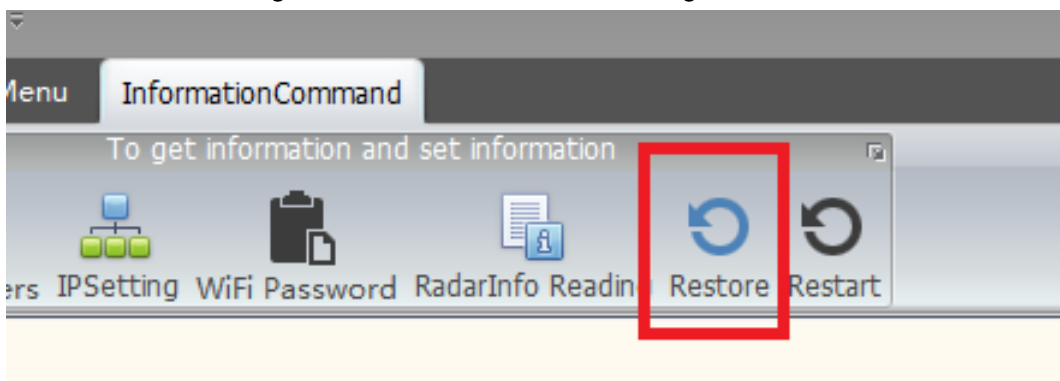
Step 12 Click **RadarInfo Reading** to obtain the serial number of the Radar and the version number of the software.

Figure 4-12 Obtain version information



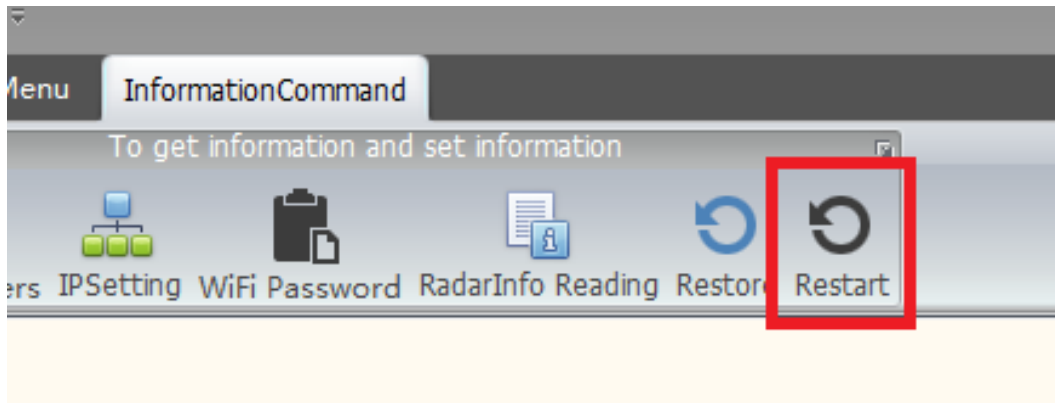
Step 13 Click **Restore** to restore the default settings except for the network information.

Figure 4-13 Restore the default settings



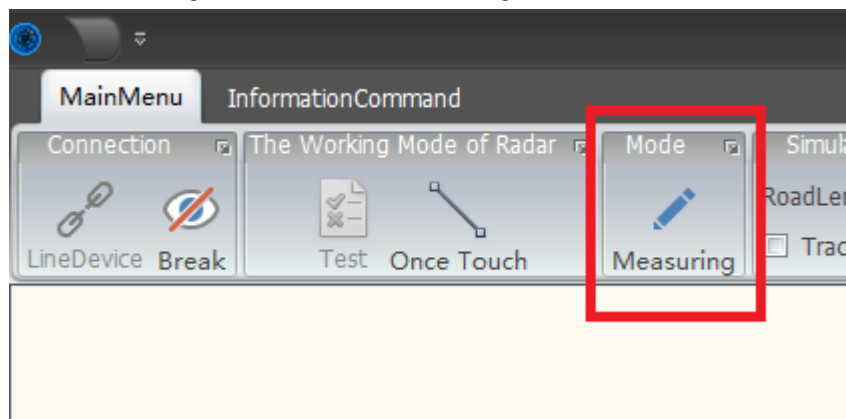
Step 14 Click **Restart** to restart the Radar.

Figure 4-14 Restart the Radar



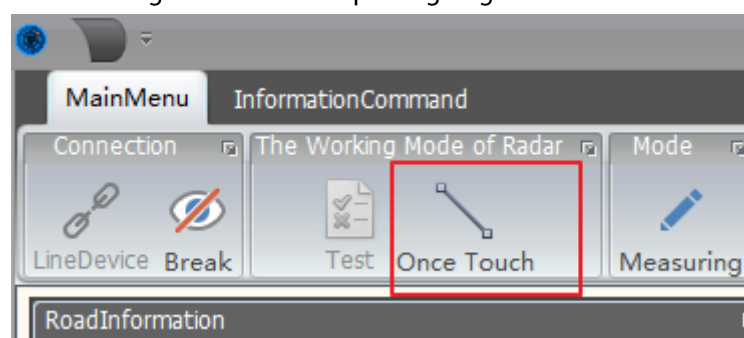
- Step 15** Click **Measuring** to enable measuring mode. After you enable measuring mode, the Radar is automatically started. Then, the Radar can detect the simulated speed of the simulator. If you restart the Radar again, the Radar exits from measuring mode. We recommend you use measuring mode when RS-485 is connected to the host computer.

Figure 4-15 Enable measuring mode



- Step 16** Click **Once Touch** to start capturing targets.

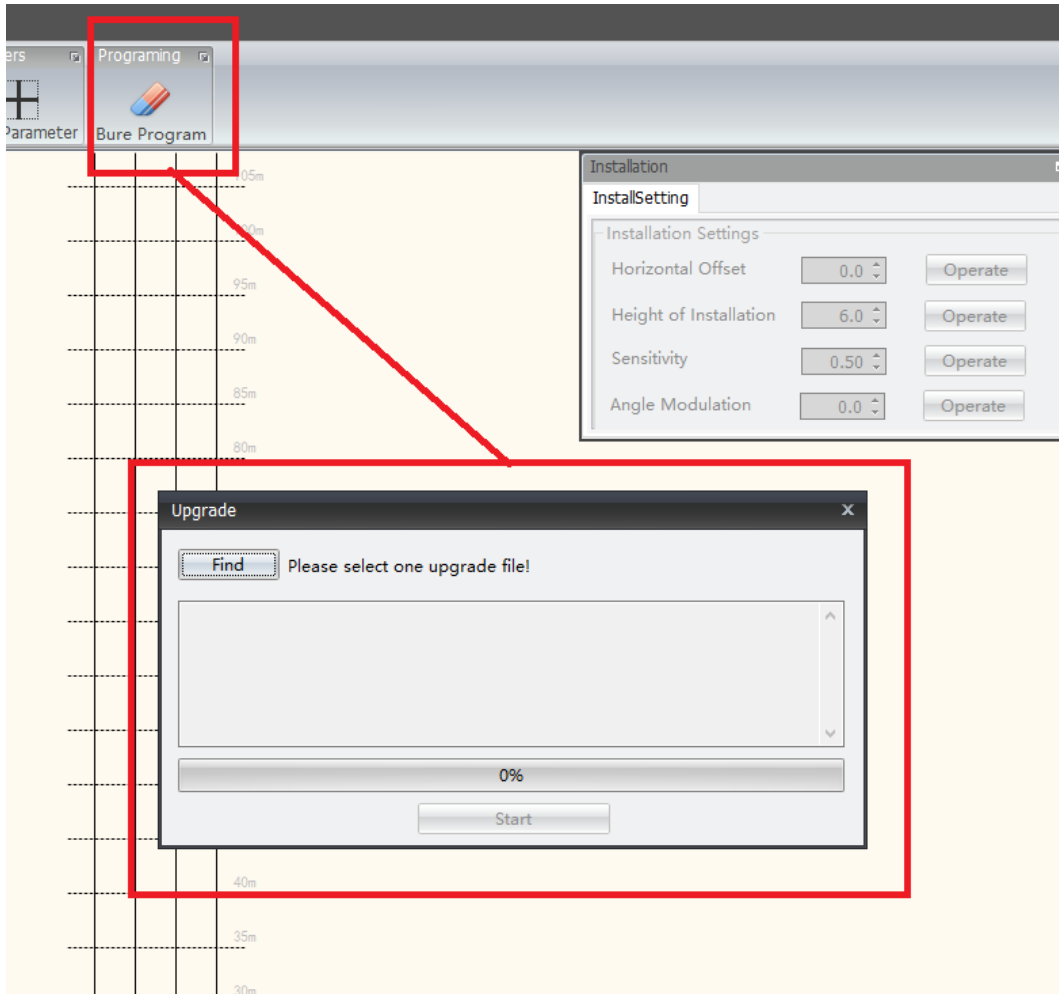
Figure 4-16 Start capturing targets



4.2 Upgrading Firmware

- Step 1** Disconnect the Radar from the host computer. Otherwise, you cannot upgrade the Radar firmware.
- Step 2** Click **Bure Program**, and then select a connection method.
- Step 3** Select a firmware to upgrade, and then click **Start**. After the firmware is upgraded, the Radar is automatically restarted.

Figure 4-17 Select and upgrade a firmware



5 FAQ

1. What can I do if the Radar cannot be found?

- Check whether the Radar is powered on, whether the Radar is connected to the network, whether the Radar IP and computer IP are on the same network segment, whether the Radar is connected to multiple applications in the computer, and whether an application is started multiple times.
- If a wireless network adapter and a local network adapter of your computer are enabled at the same time, you cannot search for or connect to radars by using the computer. In this case, you can disable a network adapter and restart the host computer.



After you modify the network adapter information of your computer, you need to restart the host computer.

2. What can I do if I cannot connect to the Radar in the device list?

- Troubleshoot the issue based on the solution to the first question in FAQ.
- Check whether the information of the Radar is invalid. If yes, delete invalid information.



After you modify the Radar IP or update the parameter file, the information of the Radar becomes invalid.

3. What can I do if the Radar is automatically disconnected?

- Check whether the Radar is powered off, restarted, or updated. If yes, reconnect the Radar to the network.
- Check whether the network is unstable. If yes, improve the network and then reconnect the Radar to the network.

4. What can I do if the actual parameters are inconsistent with parameters in the parameter diagram?

The parameter diagram is a visual graph designed to help you understand the meaning of parameters. If the actual parameters are inconsistent with parameters in the parameter diagram, the actual parameters prevail.

5. What can I do if I am notified of waiting during an upgrade?

Do not perform any operation. If an exception occurs or the update times out, the system ends the upgrade and might provide a solution.

6. What can I do if an upgrade failed?

- Check whether the Radar is connected to the network.
- Check whether files to be upgraded are valid.
- Check whether the power supply is stable. If the Radar is powered off during an upgrade, you need to perform an upgrade again.
- Check whether the network is stable. If the network speed is slow, files might fail to be uploaded.

If you cannot solve the issue by yourself, contact the technical support.

7. What can I do if I cannot connect to the Radar after an upgrade?

If files to be upgraded include a parameter file, the Radar parameters are restored to default

settings. In this case, search for or manually add the Radar, and then reconnect to the Radar.



- Generally, you do not need a parameter file during an upgrade.
- The default IP address is 192.168.1.108, and the default port is 5004.

8. What can I do if the web client of the camera indicates that the Radar fails?

- Check whether the Radar is powered on and whether the voltage is normal.
- Check whether Radar is correctly connected to the RS-485 communication cable.
- Check whether the Radar protocol configured on the camera is valid.

9. What can I do if no speed is reported or some vehicles are not captured when vehicles pass?

- Check whether the Radar faces the middle part of the monitored area.
- Check whether the pitch angle is within an appropriate range.
- Check whether the trigger distance is within an appropriate range.
- Check whether the horizontal angle and lane parameters are correctly configured.

10. What can I do if speeds are reported when no vehicle passes?

- Check whether intense electromagnetic interference or rotating object exists around the Radar.
- Check whether reflectors such as advertising boards and walls exist within the area covered by radar beams.

11. What can I do if moving tracks are abnormal in debugging mode?

- Modify installation parameters and lane parameters.
- Check whether the Radar is fastened. If no, fasten the Radar and then debug the Radar.

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 device 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 device (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 device 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 device network security:

1. Physical Protection

We suggest that you perform physical protection to device, especially storage devices. For example, place the device 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 device (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 device 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 device, 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 device 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 device, 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 device 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

ZHEJIANG DAHUA VISION TECHNOLOGY CO., LTD.

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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

 ,  , **HDCVI** 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/notice/

CE-Electromagnetic Compatibility (EMC)

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



Warning:

This is a Class A product. In a domestic environment this product may cause radio interference, in which case the user may be required to take adequate measures.

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/notice/

Declaration of Conformity UKCA



This device complies with UKCA relevant directives and standards.

UK Declaration of Conformity (DoC) can be downloaded from: <https://www.dahuasecurity.com/uk/newsEvents/DahuaNotice/572>

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 equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio

communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

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 A digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la Classe A 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 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 A Information Technology Equipment.



This is a Class A equipment. Operation of this equipment in a residential environment could cause radio interference. In such a case, the user may be required to take corrective actions.

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.



Do not ingest battery. Chemical Burn Hazard.

This product contains a coin cell battery. If the coin cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.

Keep new and used batteries away from children.

If the battery compartment does not close securely, stop using the product and keep it away from children.

If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.



Risk of explosion if the battery is replaced by an incorrect type.

Do not throw or immerse into water, high or low extreme temperatures, repair or disassemble, leave in an extremely low air pressure environment or extremely high-temperature environment, crush, puncture, cut or incinerate.

Dispose of the battery as required by local ordinances or regulations.

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 without 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.



■ 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.

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

- The manual is for reference only. If there is inconsistency between the manual and the actual product, the actual product shall prevail.
- 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.

- There still might be deviation in technical data, functions and operations description, or errors in print. 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 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

Contact Information

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Dahua Technology Hungary Kft.

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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 place 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.
- 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 mienia. 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
 ZAGROŻENIE	Oznacza potencjalne zagrożenie wysokiego stopnia, którego nieuniknięcie może skutkować poważnymi urazami lub śmiercią.
 OSTRZEŻENIE	Oznacza potencjalne zagrożenie średniego lub niskiego stopnia, którego nieuniknięcie może skutkować pomniejszymi lub średnimi urazami.
 UWAGA	Oznacza potencjalne zagrożenie, którego nieuniknięcie może skutkować zniszczeniem mienia, utratą danych, spadkiem wydajności lub mieć inne nieprzewidziane skutki.
 WSKAZÓWKI	Oznacza wskazówki pozwalające na rozwiązanie problemu lub oszczędność czasu.
 UWAGA	Oznacza informacje uzupełniające tekst główny.

Wymogi dot. Bezpieczeństwa

- Przestrzegaj lokalnych standardów bezpieczeństwa elektrycznego celem upewnienia się, że źródło napięcia jest stabilne i zgodne z wymogami określonymi dla urządzenia.
- 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 elektroniczne oraz niestabilne warunki oświetleniowe.
- 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 rozmontowuj urządzenia samodzielnie.
- Chroń urządzenie przed dużymi obciążeniami i naprężeniami, silnymi wibracjami oraz zalaniem 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.



OSTRZEŻENIE

- W przypadku niewłaściwej wymiany akumulatora występuje zagrożenie wybuchem.
- Akumulator należy zastępować wyłącznie takim samym typem lub innym typem zalecanym przez firmę Dahua.
- Akumulatory należy utylizować zgodnie z lokalnymi regulacjami lub instrukcjami producenta akumulatora.

Dansk

Vigtige sikkerhedsanvisninger og advarsler

Kapitlet beskriver korrekt håndtering af produktet, undgåelse af risici og undgåelse af skader på ejendom. Læs kapitlet omhyggeligt, før du bruger produktet, overhold alle anvisninger og advarsler under brugen, og gem kapitlet til senere brug.

Sikkerhedsanvisninger

Følgende signalord med beskrivelse kan forekomme i vejledningen.

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

Sikkerhedskrav

- Følg lokale standarder for elsikkerhed for at sikre, at spændingen er stabil og i overensstemmelse med produktets krav til strømforsyning.
- Transportér, brug og opbevar produktet i henhold til de tilladte klimatiske forhold (temperatur og luftfugtighed). Se produktets tekniske specifikationer for specifik temperatur og luftfugtighed ved drift.
- Placér ikke produktet et sted med fugt, støv, stærk varme eller kulde, stærk elektronisk udstråling eller ustabile lysforhold.
- Installér ikke produktet i nærheden af en varmekilde, såsom en radiator, et varmeapparat, et centralfyr eller andre varmeafgivende enheder, for at undgå ildebrand.
- Undgå, at væske løber ind i produktet og dermed forårsager skade på de indvendige komponenter.
- Installér produktet vandret, eller installér det et stabilt sted for at undgå, at det falder ned.
- Installér produktet et sted med god udluftning, og blokér ikke produktets ventilationsåbninger.
- Adskil ikke produktet.
- Undgå stærkt tryk, kraftige vibrationer og gennemblødning under transport, opbevaring og installation. Produktet skal være fuldt emballeret under transport.
- Brug fabriksemballagen eller tilsvarende til transporten.

Batteri

Lav batterispænding påvirker driften af realtidsuret og får uret til at nulstille, hver gang produktet tændes. Der vises en logbesked i produktets serverrapport, når batteriet skal udskiftes. Se konfigurationssiderne til produktet, eller kontakt Dahuas supportteam for at få flere oplysninger om serverrapporten.



ADVARSEL

- Der er risiko for eksplosion, hvis batteriet udskiftes forkert.
- Udskift 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, vaarojen torjunta ja omaisuusvahinkojen estäminen. Lue tämä sisältö huolellisesti ennen laitteen käyttämistä ja noudata näitä ohjeita, kun käytät laitetta. Säilytä ohjeet tulevia tarpeita varten.

Turvallisuusohje

Seuraavat luokitellut huomiosanat kuvatulla merkityksellä saattavat esiintyä oppaassa.

Huomiosanat	Merkitys
 VAARA	Ilmaisee suuren potentiaalisen vaaran, joka johtaa kuolemaan tai vakavaan loukkaantumiseen, jos sitä ei vältetä.

Huomiosanat	Merkitys
 VAROITUS	Ilmaisee keskisuuren tai pienen potentiaalisen vaaran, joka saattaa johtaa lievään tai kohtalaiseen loukkaantumiseen, jos sitä ei vältetä.
 HUOMIO	Ilmaisee mahdollisen vaarallisen tilanteen, joka saattaa johtaa omaisuusvahinkoon, tietojen menetykseen, suoritustehon heikkenemiseen tai odottamattomiin tuloksiin, jos sitä ei vältetä.
 VINKIT	Tarjoavat apua ongelmien ratkaisemiseen tai säästävät aikaa.
 HUOMAUTUS	Tarjoaa lisätietoa, joka korostaa tai täydentää tekstiä.

Turvallisuusvaatimus

- Noudata paikallisia sähköturvallisuusstandardeja varmistaaksesi, että jännite on vakaa ja vastaa laitteen virtalähteelle asetettuja vaatimuksia.
- Kuljeta, käytä ja säilytä laitetta sallituissa kosteus- ja lämpötilaolosuhteissa. Katso laitteen erityinen käyttölämpötila ja -kosteus laitteen vastaavista teknisistä tiedoista.
- Älä sijoita laitetta paikkaan, jossa se altistuu kosteudelle, pölylle, erittäin kuumalle tai kylmälle lämpötilalle, voimakkaalle sähkösäteilylle tai epävakaille valaistusolosuhteille.
- Älä asenna laitetta lähelle lämmönlähdettä, kuten lämpöpatteria, lämmitintä, uunia tai muuta lämpöä tuottavaa laitetta, tulipalon välttämiseksi.
- Vältä nesteen pääsemistä laitteen sisälle sisäisten komponenttien vahingoittumisen estämiseksi.
- Asenna laite vaakasuoraan tai asenna se vakaaseen paikkaan estääksesi sen kaatumisen.
- Asenna laite hyvin ilmastoituun paikkaan äläkä peitä laitteen tuuletusaukkoja.
- Älä pura laitetta omavaltaisesti.
- Vältä kovaa räsitusta, voimakasta tärinää ja kosteutta kuljetuksen, säilytyksen ja asennuksen aikana. Kuljetus vaatii täydellisen pakkaamisen.
- Käytä tehtaan pakkausta tai vastaavaa kuljetuksen aikana.

Paristo

Alhainen pariston varaustaso vaikuttaa tosiaikakellon (RTC:n) toimintaan nollaten sen jokaisella käynnistyskerralla. Lokiviesti ilmestyy tuotteen palvelinraporttiin, kun paristo on vaihdettava. Lisätietoa palvelinraportista saat tuotteen asetussivuilta tai ottamalla yhteyttä Dahuan tukeen.



VAROITUS

- Räjähdyksvaara, jos paristo asetetaan väärin paikalleen.
- Vaihda vain samanlaiseen paristoon tai Dahuan suosittelemaan paristoon.
- Hävitä käytetty paristot ja akut paikallisten määräysten tai valmistajan ohjeiden mukaisesti.






Magyar

Fontos óvintézkedések és figyelmeztetések

A jelen Fejezet leírja az Eszköz megfelelő kezelését, a veszélyek megelőzését és a vagyoni károk megelőzését. Az Eszköz használata előtt olvassa el figyelmesen, a használata során tartsa be, és őrizze meg jól jövőbeni hivatkozás céljára.

Biztonsági utasítások

Az Útmutatóban az alábbi meghatározott jelentéssel bíró kategorizált figyelmeztetések jelenhetnek meg.

Figyelmeztetés	Jelentés
 VESZÉLY	Nagy potenciális veszélyt jelez, amely, ha nem kerül el, halált vagy súlyos sérülést okoz.
 FIGYELEM	Közepes vagy kis potenciális veszélyt jelez, amely, ha nem kerül el, enyhe vagy mérsékelt sérülést okozhat.
 VIGYÁZAT	Olyan potenciális kockázatot jelez, amely, ha nem kerül el, vagyoni kárt, adatvesztést, alacsonyabb teljesítményt vagy kiszámíthatatlan eredményt okozhat.
 TIPPEK	Olyan módszereket biztosít, amelyek segítenek megoldani a problémáját vagy időt takarítanak meg.
 MEGJEGYZÉSEK	További információkat biztosít a szöveg kiemelésével és kiegészítésével.

Biztonsági követelmények

- Tartsa be a helyi elektromos biztonsági szabványokat annak biztosítása érdekében, hogy a feszültség stabil és az eszköz áramellátási követelményének megfelelő legyen.
- Az eszközt a megengedett páratartalom és hőmérséklet viszonyok között szállítsa, használja, és tárolja. A konkrét üzemi hőmérsékletet és páratartalmat megtalálja az eszköz műszaki leírásában.
- Ne tegye az eszközt olyan helyre, ahol nedvességnek, pornak, rendkívüli melegnek vagy hidegnek, erős elektronikus sugárzásnak, vagy instabil fényviszonyoknak van kitéve.

- A tűz elkerülése érdekében ne telepítse az eszközt hőforrás, mint például radiátor, hőszugárzó, kemence, vagy más hőtermelő eszköz közelében lévő helyre.
- A belső alkatrészek károsodásának elkerülése érdekében akadályozza meg, hogy folyadék folyjon az eszközbe.
- A leesésének megakadályozása érdekében az eszközt vízszintesen telepítse, vagy stabil helyre telepítse.
- Az eszközt jól szellőző helyre telepítse, és ne blokkolja az eszköz szellőzését.
- Önkényesen ne szerelje szét az eszközt.
- A szállítás, tárolás és telepítés során kerülje a nagy igénybevételt, erős rezgést, és az eláztatást. A szállítás során a teljes csomagolásra szükség van.
- A szállításhoz gyári csomagolást vagy azzal egyenértékűt használjon.

Elem

Az alacsony elem töltöttségi szint hatással van az RTC működésére, minden bekapcsoláskor alaphelyzetbe áll. Amikor az elemet cserélni kell, egy napló üzenet jelenik meg a termék szerver jelentésében. A szerver jelentésről további információkat talál a termék beállítási oldalain, vagy forduljon a Dahua támogatáshoz.



FIGYELEM

- Robbanásveszély, ha az elemet nem megfelelőre cseréli.
- Csak ugyanolyan elemre vagy a Dahua által ajánlott elemre cserélje.
- A használt elemet a helyi előírások vagy az elemgyártó utasításai szerint ártalmatlanítsa.




Български



Важни предпазни мерки и предупреждения

Тази глава описва инструкциите за правилна експлоатация на устройството, за предотвратяване на опасностите и материалните щети. Прочетете внимателно тези инструкции, преди да използвате устройството, спазвайте ги при използването на устройството, и ги запазете за бъдещи справки.

Инструкции за безопасност

Ръководството съдържа следните определени сигнални думи.

Сигнални думи	Значение
 ОПАСНОСТ	Показва висока потенциална опасност, която, ако не бъде избегната, ще доведе до смърт или сериозно нараняване.
 ПРЕДУПРЕЖДЕНИЕ	Показва средна или ниска потенциална опасност, която, ако не бъде избегната, може да доведе до леки или умерени наранявания.
 ВНИМАНИЕ	Посочва потенциален риск, който, ако не бъде избегнат, може да доведе до материални щети, загуба на данни, по-ниска производителност или непредсказуем резултат.

Сигнални думи	Значение
 СЪВЕТИ	Обозначава начини, които да ви помогнат да разрешите проблем или да спестите време.
 ЗАБЕЛЕЖКА	Предоставя допълнителна информация като акцент и допълнение към основния текст.

Изисквания за безопасност

- Спазвайте местните стандарти за електрическа безопасност, за да осигурите стабилно напрежение, отговарящо на изискването за хранване на устройството.
- Транспортирайте, използвайте и съхранявайте устройството при указаните условия на влажност и температура. Направете справка в съответните технически спецификации на устройството за конкретната работна температура и влажност.
- Не поставяйте устройството на място, изложено на влага, прах, много висока или ниска температура, със силно електронно излъчване или на място с променливо осветление.
- Не поставяйте устройството близо до източник на топлина, като радиатор, нагревател, пещ или друго устройство за генериране на топлина, за да избегнете пожар.
- Не допускайте в устройството да попадне течност, за да не се повредят вътрешните компоненти.
- Монтирайте устройството хоризонтално или го поставете на стабилно място, за да не падне.
- Монтирайте устройството на добре проветриво място и не блокирайте вентилацията на устройството.
- Не разглобявайте устройството произволно.
- Избягвайте силно натоварване, вибрации и намокряне по време на транспортиране, съхранение и монтаж. При транспортиране следва да се опакова напълно.
- Използвайте за транспортиране фабричната опаковка или подобна.

Батерия

Ниската 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 сървър на продукта ще се покаже съобщение. За повече информация относно отчета на сървър вижте страниците за настройка на продукта или се свържете с екипа 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

Instrucțiuni de siguranță

Următoarele semne categorizate pot apărea în Ghid.

Signal Words	Meaning
 PERICOL	Indică un risc potențial ridicat care, dacă nu este evitat, va duce la deces sau vătămări grave.
 AVERTIZARE	Indică un pericol potențial mediu sau scăzut care, dacă nu este evitat, poate duce la răni ușoare sau moderate.
 ATENȚIE	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	Oferă metode care să vă ajute să rezolvați o problemă sau să economisiți timp.
 NOTA	Oferă informații suplimentare ca accent și supliment la text.

Cerințe de siguranță

- Respectați standardele locale de siguranță electrică pentru a vă asigura că tensiunea este stabilă și respectă 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 alt dispozitiv generator de căldură, pentru a evita incendiul.
- Împiedicați 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.
- Instalați aparatul într-un loc bine ventilat și nu blocați ventilația aparatului.
- 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.
- Utilizați pachetul de fabrica sau echivalent în timpul transportului.

Bateriile

Puterea redusă a bateriei afectează funcționarea RTC, determinând resetarea la fiecare pornire. Când bateria are nevoie de înlocuire, în raportul serverului produsului 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 incorect.
- 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. Pečlivě si tyto informace přečtěte 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.
 VAROVÁNÍ	Označuje možnost středně nebo málo závažného nebezpečí, které, pokud by mu nebylo zamezeno, může mít za následek lehké nebo nepříliš závažné zranění.
 UPOZORNĚNÍ	Označuje možné riziko, které, pokud by mu nebylo zamezeno, může mít za následek škodu na majetku, ztrátu dat, snížení výkonu nebo neočekávaný výsledek.
 TIPY	Uvádí metody, které vám pomohou vyřešit problém nebo vám ušetří čas.
 POZNÁMKA	Poskytuje dodatečné informace formou důrazu a doplnění textu.

Bezpečnostní požadavek

- Dodržujte místní normy pro elektrickou bezpečnost pro zajištění stabilního napětí a dodržení požadavků na napájení zařízení.
- Zařízení přepravujte, 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 nestabilním světelným podmínkám.
- Neinstalujte zařízení v blízkosti zdrojů tepla, jako je radiátor, ohřívač, kotel nebo jiné zařízení generující teplo, aby nedošlo k požáru.
- Zamezte proniknutí 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 odvětrávání zařízení.
- Zařízení svévolně nedemontujte.
- Během přepravy, skladování a instalace zamezte silnému tlaku, prudkým vibracím a namočení. Při přepravě je nezbytné úplné zabalení.
- Při přepravě použijte obal z výroby nebo obdobný obal.

Baterie

Nízké nabití baterie ovlivňuje fungování hodin ve skutečném čase a způsobuje, že se při každém spuštění resetují. V případě, že je třeba baterii vyměnit, se v serverové zprávě produktu zobrazí zpráva protokolu. Další informace o serverové zprávě naleznete na stránkách o nastavení produktu, případně kontaktujte podporu společnosti Dahua.



VAROVÁNÍ

- Nebezpečí výbuchu v případě nesprávné výměny baterie.
- Vyměňte pouze za totožnou baterii nebo baterii doporučenou společností Dahua.
- Použité baterie likvidujte v souladu s místními předpisy nebo pokyny výrobce baterie.




Ελληνικά



Σημαντικές Διασφαλίσεις και Προειδοποιήσεις

Αυτό το Κεφάλαιο περιγράφει το περιεχόμενο που καλύπτει το σωστό χειρισμό της Συσκευής, την πρόληψη των κινδύνων και την πρόληψη της καταστροφής της ιδιοκτησίας. Διαβάστε προσεκτικά τα αναγραφόμενα πριν χρησιμοποιήσετε τη Συσκευή, τηρήστε τα κατά τη χρήση και κρατήστε τα καλά για μελλοντική χρήση.

Οδηγίες Ασφαλείας

Τα ακόλουθα κατηγοριοποιημένα σήματα με λέξεις έχουν καθορισμένη σημασία και ενδέχεται να εμφανίζονται στις Οδηγίες Χρήσης.

Σήματα με λέξεις	Σημασία
 ΚΙΝΔΥΝΟΣ	Δείχνει έναν υψηλό δυνητικό κίνδυνο, ο οποίος, εάν δεν αποφευχθεί, θα έχει ως αποτέλεσμα θάνατο ή σοβαρό τραυματισμό.
 ΠΡΟΕΙΔΟΠΟΙΗΣΗ	Υποδεικνύει έναν μεσαίο ή χαμηλό δυνητικό κίνδυνο, ο οποίος, αν δεν αποφευχθεί, θα μπορούσε να προκαλέσει ελαφρύ ή μέτριο τραυματισμό.
 ΠΡΟΣΟΧΗ	Δείχνει έναν πιθανό κίνδυνο, ο οποίος, εάν δεν αποφευχθεί, θα μπορούσε να προκαλέσει ζημιά στην ιδιοκτησία, απώλεια δεδομένων, χαμηλότερη απόδοση ή απρόβλεπτο αποτέλεσμα.

Σήματα με λέξεις	Σημασία
 ΣΥΜΒΟΥΛΕΣ	Παρέχει μεθόδους που θα σας βοηθήσουν να επιλύσετε ένα πρόβλημα ή να εξοικονομήσετε χρόνο.
 ΣΗΜΕΙΩΣΗ	Παρέχει πρόσθετες πληροφορίες δίνοντας έμφαση και συμπληρώνοντας το κείμενο.

Απαιτήσεις ασφαλείας

- Τηρήστε τα τοπικά πρότυπα ηλεκτρικής ασφάλειας για να βεβαιωθείτε ότι η τάση είναι σταθερή και συμμορφώνεται με την απαίτηση τροφοδοσίας της συσκευής.
- Μεταφέρετε, χρησιμοποιήστε και αποθηκεύστε τη συσκευή υπό τις επιτρεπόμενες συνθήκες υγρασίας και θερμοκρασίας. Ανατρέξτε στις αντίστοιχες τεχνικές προδιαγραφές της συσκευής για τη συγκεκριμένες συνθήκες λειτουργίας θερμοκρασίας και υγρασίας.
- Μην τοποθετείτε τη συσκευή σε θέση που είναι εκτεθειμένη σε υγρασία, σκόνη, ακραία ζέστη ή κρύο, ισχυρή ηλεκτρονική ακτινοβολία ή ασταθές φωτισμό.
- Μην τοποθετείτε τη συσκευή σε μέρος κοντά στην πηγή θερμότητας, όπως καλοριφέρ, θερμάστρα, κλίβανο ή άλλη συσκευή παραγωγής θερμότητας για να αποφύγετε τη φωτιά.
- Αποφύγετε να ρέει υγρό μέσα στη συσκευή για να αποφύγετε την αποδυνάμωση των εσωτερικών εξαρτημάτων.
- Εγκαταστήστε τη συσκευή οριζόντια ή εγκαταστήστε την στο σταθερό μέρος για να μην πέσει.
- Τοποθετήστε τη συσκευή σε καλά αεριζόμενο μέρος και μην εμποδίζετε τον εξαερισμό της συσκευής.
- Μην αποσυναρμολογείτε αυθαίρετα τη συσκευή.
- Αποφύγετε την υψηλή συμπίεση, το υψηλό βάρος, τη βίαιη δόνηση και τη διαβροχή κατά τη διάρκεια της μεταφοράς, της αποθήκευσης και της εγκατάστασης. Το πλήρες πακέτο είναι απαραίτητο κατά τη μεταφορά.
- Χρησιμοποιήστε το εργοστάσιακό πακέτο ή το αντίστοιχο για μεταφορά.

Μπαταρία

Η χαμηλή ισχύς της μπαταρίας επηρεάζει τη λειτουργία του RTC, προκαλώντας την επαναφορά του σε κάθε επανεκκίνηση. Όταν η μπαταρία χρειάζεται αντικατάσταση, ένα μήνυμα συμβάντος θα εμφανιστεί στην αναφορά συμβάντων του διακομιστή. Για περισσότερες πληροφορίες σχετικά με την αναφορά διακομιστή, ανατρέξτε στις σελίδες εγκατάστασης του προϊόντος ή επικοινωνήστε με την υποστήριξη Dahua.



ΠΡΟΕΙΔΟΠΟΙΗΣΗ






- Κίνδυνος έκρηξης σε περίπτωση λανθασμένης αντικατάστασης της μπαταρίας.
- Αντικαταστήστε μόνο με πανομοιότυπη μπαταρία ή μπαταρία που συνιστάται από τη Dahua.
- Απορρίψτε τις χρησιμοποιημένες μπαταρίες σύμφωνα με τους τοπικούς κανονισμούς ή τις οδηγίες του κατασκευαστή της μπαταρίας.

Važne zaštitne mjere i upozorenja

Ovo poglavlje opisuje sadržaj koji obuhvaća pravilno rukovanje uređajem, sprječavanje opasnosti i sprečavanje oštećenja imovine. Pažljivo pročitajte ove sadržaje prije korištenja Uređaja, pridržavajte ih se pri upotrebi i sačuvajte ih za buduću uporabu.

Sigurnosne upute

U vodiču se mogu pojaviti sljedeće kategorizirane signalne riječi s definiranim značenjem.

Signal Words	Meaning
 OPASNOST	Označava veliku potencijalnu opasnost koja će, ako se ne izbjegne, rezultirati smrću ili ozbiljnim ozljedama.
 UPOZORENJE	Označava srednju ili malu potencijalnu opasnost koja, ako se ne izbjegne, može rezultirati malom ili umjerenom ozljedom.
 OPREZ	Ukazuje na potencijalni rizik koji, ako se ne izbjegne, može rezultirati oštećenjem imovine, gubitkom podataka, manjom učinkovitošću ili nepredvidivim rezultatom.
 SAVJETI	Pružava vam metode kojim vam pomaže riješiti problem ili će vam uštedjeti vrijeme.
 BILJEŠKA	Pružava dodatne informacije kao naglasak i dopunu teksta.

Sigurnosni zahtjevi

- Avoid heavy stress, violent vibration, and soaking during during transportation, storage, and installation. Complete package is necessary during the transportation.
- Pridržavajte se lokalnih električnih sigurnosnih standarda kako biste osigurali da je napon stabilan i da udovoljava zahtjevima napajanja uređaja.
- Prijenosite, upotrebljavajte i pohranjujte uređaj pod dopuštenim uvjetima vlage i temperature. Pogledajte odgovarajuće tehničke specifikacije uređaja za određenu radnu temperaturu i vlagu.
- Nemojte postavljati uređaj na mjesto izloženo vlazi, prašini, ekstremno vrućoj ili hladnoj okolini, jakom elektronskom zračenju ili nestabilnim uvjetima osvjetljenja.
- Kako biste izbjegli požar nemojte postavljati uređaj na mjesto u blizini izvora topline, kao što su radijator, grijač, peć ili neki drugi uređaj za stvaranje topline.
- Spriječite da tekućina teče u uređaj kako bi se izbjegla šteta na unutarnjim dijelovima.
- Ugradite uređaj vodoravno ili ga postavite na stabilno mjesto kako biste spriječili padanje.
- Ugradite uređaj na dobro prozračeno mjesto i ne blokirajte ventilaciju uređaja.
- Nemojte rastavljati uređaj samovoljno.
- Izbjegavajte teški stres, nasilne vibracije i natapanje tijekom prijevoza, skladištenja i instalacije. Prilikom prijevoza potrebno je koristiti tvorničko

- zaštitno pakiranje.
- Koristite tvorničko pakiranje ili ekvivalent za transport.

Baterija

Niska baterija utječe na rad RTC, uzrokujući da se resetira pri svakom uključivanju. Kad bateriju treba zamijeniti, pojaviti će se poruka u izvješću poslužitelja (server). Dodatne informacije o izvješću poslužitelja (server) potražite na stranicama priručnika proizvođača ili se obratite Dahua podršci.



UPOZORENJE

- Rizik od eksplozije ako se baterija nepravilno zamijeni.
- Zamijeniti samo sa jednakom baterijom ili sa baterijom koja je preporučena od strane Dahua Technology.
- instructions. Dotrajale baterije treba zbrinuti u skladu sa lokalnim propisima ili u skladu s uputama proizvođača baterije.

Slovenčina

Dôležité bezpečnostné pokyny a varovania

Táto kapitola obsahuje informácie týkajúce sa správnej manipulácie so zariadením, prevencie pred nebezpečenstvom a prevencie poškodenia majetku. Pred používaním zariadenia si pozorne prečítajte tieto informácie, dodržiavajte ich pri používaní a uchovajte ich na budúce použitie.

Bezpečnostné pokyny

V príručke sa môžu nachádzať nasledujúce kategorizované signálne výrazy s definovaným významom.

Signálne výrazy	Význam
NEBEZPEČENSTVO	Označuje vysoké potenciálne nebezpečenstvo, ktoré spôsobí smrť alebo vážne zranenie, ak sa mu nevyhnete.
VAROVANIE	Označuje stredné alebo nízke potenciálne nebezpečenstvo, ktoré môže mať za následok mierne alebo stredne ťažké zranenie, ak sa mu nevyhnete.
POZOR	Označuje potenciálne riziko, ktoré môže viesť k poškodeniu majetku, strate údajov, zníženiu výkonu alebo nepredvídateľnému výsledku, ak sa mu nevyhnete.
TIPY	Poskytuje metódy, ktoré vám pomôžu vyriešiť problém alebo ušetriť čas.
POZNÁMKA	Poskytuje ďalšie informácie ako zdôraznenie a doplnenie textu.

Požiadavky na bezpečnosť

- Dodržujte miestne elektrické bezpečnostné normy, aby ste zabezpečili, že napätie je stabilné a zodpovedá požiadavkám na napájanie zariadenia.
- Zariadenie prepravujte, používajte a uchovávajte pri povolených podmienkach

vlhkosti a teploty. Prečítajte si príslušné technické špecifikácie zariadenia pre špecifickú pracovnú teplotu a vlhkosť.

- Zariadenie neumiestňujte na miesto vystavené vlhkosti, prachu, extrémnemu teplu alebo chladu, silnému elektronickému žiareniu alebo nestabilným podmienkam osvetlenia.
- Zariadenie nainštalujte na miesto, ktoré sa nachádza blízko zdroja tepla, ako je napríklad radiátor, ohrievač, pec alebo iné zariadenie na tvorbu tepla. Predídete tak vzniku požiaru.
- Zabráňte vnikaniu kvapaliny do zariadenia, aby nedošlo k poškodeniu vnútorných komponentov.
- Zariadenie nainštalujte horizontálne alebo ho nainštalujte na stabilné miesto, aby ste zabránili pádu.
- Zariadenie nainštalujte na dobre vetranom mieste a neblokujte ventiláciu zariadenia.
- Zariadenie svojvoľne nerozoberajte.
- Počas prepravy, skladovania a inštalácie sa vyhnite silnému namáhaniu, prudkým vibráciám a namáčaniu. Počas prepravy je potrebné prepravovať kompletne balenie.
- Na prepravu použite továrenské balenie alebo jeho ekvivalent.

Batéria

Nízka kapacita batérie ovplyvňuje prevádzku RTC, čo spôsobí jeho vynulovanie pri každom zapnutí. Keď je batériu potrebné vymeniť, v správe servera produktu sa zobrazí hlásenie. Ďalšie informácie o hlásení servera nájdete na stránkach s nastaveniami produktu alebo sa obráťte na podporu spoločnosti Dahua.



VAROVANIE

- Nebezpečenstvo výbuchu, ak je batéria nesprávne vymenená.
- Vymeňte iba za tú istú batériu alebo batériu, ktorú odporúča spoločnosť Dahua.
- Použité batérie zlikvidujte v súlade s miestnymi predpismi alebo pokynmi výrobcu batérie.


Српски





Važne Zaštitne mere i Upozorenja

Ovo poglavlje opisuje sadržaj koji pokriva pravilno rukovanje uređajem, sprečavanje opasnosti i sprečavanje oštećenja imovine. Pažljivo pročitajte ove sadržaje pre korišćenja uređaja, pošaljite ih kada koristite i čuvajte ga za buduću referencu.

Bezbednosna Uputstva

Sledeće kategorije reči sa definisanim značenjem mogu se pojaviti u „Vodiču“.

Oznaka	Značenje
 OPASNOST	Označava visoku potencijalnu opasnost koja će, ako se i ne izbegne, rezultirati smrću ili ozbiljnim povredama.

Oznaka	Značenje
 UPOZORENJE	Označava opasnost srednje ili niske potencijale koja bi, ukoliko se ne izbegne, mogla dovesti do blagih ili umerenih povreda.
 OPREZ	Označava potencijalni rizik koji bi, ukoliko se to ne izbegne, mogao dovesti do oštećenja imovine, gubitka podataka, niže performanse ili nepredvidivog rezultata.
 PREPORUKE	Pruža metode za pomoć u rešavanju problema ili uštede vremena.
 BELEŠKA	Pruža dodatne informacije kao naglasak i dodatak tekstu.

Bezbednosna Uputstva

- Pridržavajte se lokalnih standarda električne sigurnosti kako biste bili sigurni da je napon stabilan i da odgovara zahtevu za napajanje uređaja.
- Prevoz, korišćenje i skladištenje uređaja treba da budu u skladu sa dozvoljenim uslovima vlage i temperaturnim uslovima. Pogledajte odgovarajuće tehničke specifikacije uređaja koji se odnose na specifičnu radnu temperaturu i vlažnost vazduha.
- Nemojte postavljati uređaj na mesto izloženo vlazi, prašini, ekstremnom vrućem ili hladnom vazduhu, jakom elektronskom zračenju ili nestabilnim uslovima osvetljenja.
- Ne postavljajte uređaj na mesto blizu izvora toplote, kao što je radijator, grejač, peć ili drugi uređaj za proizvodnju toplote kako biste izbegli požar.
- Sprečite tečnost da teče u uređaj kako bi se izbeglo oštećenje unutrašnjih komponenti.
- Instalirajte uređaj horizontalno ili postavite na stabilno mesto kako biste sprečili padanje.
- Ugradite uređaj na dobro provetreno mesto i ne blokirajte ventilaciju uređaja.
- Nemojte rastavljati uređaj proizvoljno.
- Izbegavajte jak pritisak, nasilne vibracije i usisavanje tokom transporta, skladištenja i instalacije. Kompletan paket je neophodan tokom transporta.
- Koristite fabričko pakovanje ili ekvivalent u toku transporta.

Baterija

Baterija male snage utiče na rad RTC-a, dovodeći do reseta pri svakom uključivanju. Kada se baterija mora zameniti, logovna poruka će se pojaviti u izveštaju servera proizvoda. Za više informacija o izveštaju servera, pogledajte stranice za podešavanje proizvoda ili kontaktirajte Dahua podršku.



UPOZORENJE

- Opasnost od eksplozije ako se baterija nepravilno zameni.
- Zamenite je samo sa identičnom baterijom ili sa baterijom koju preporučuje Dahua.
- Odložite iskorišćene baterije u skladu sa lokalnim propisima ili uputstvima proizvođača baterije.






Türkçe

Önemli Kurallar ve Uyarılar

Bu Bölüm, Cihazın doğru kullanımını, tehlike önlemeyi ve mal zararının önlenmesini kapsayan içerikleri anlatmaktadır. Cihazı kullanmadan önce bu içerikleri dikkatli şekilde okuyun, kullanırken bunlara uyun ve ileride başvurmak üzere saklayın.

Güvenlik Talimatları

Aşağıda, belirtilen açıklamaya sahip kategorize edilmiş uyarı sözcüklerini Kılavuzda görebilirsiniz.

Uyarı Sözcükleri	Anlamı
 TEHLİKE	Kaçınılmaması durumunda ölüm veya ciddi yaralanmalara neden olacak yüksek potansiyelli bir tehlikeyi belirtir.
 UYARI	Kaçınılmaması durumunda hafif veya orta dereceli yaralanmaya neden olabilecek orta veya düşük potansiyelli bir tehlikeyi belirtir.
 DİKKAT	Kaçınılmaması durumunda mal hasarına, veri kaybına, düşük performansa veya tahmin edilemeyen sonuca neden olabilecek potansiyel bir riski belirtir.
 İPUÇLARI	Bir problemi çözmeye veya zamandan tasarruf etmeye yardımcı olmak için yöntemler sunar.
 NOT	Metne pekiştirme ve ek olarak ilave bilgiler sağlar.

Güvenlik Gereksinimi

- Voltajın istikrarlı olduğundan ve cihazın güç kaynağı gereksinimine uygun olduğundan emin olmak için yerel elektrik güvenliği standartlarına uyun.
- Cihazı izin verilen nem ve sıcaklık şartları altında nakledin, kullanın ve saklayın. Belirli çalışma sıcaklığı ve nem değerleri için cihazın ilgili teknik özelliklerine bakın.
- Cihazı rutubete, toza, aşırı ısıya veya soğuğa, güçlü elektronik radyasyona veya değişken aydınlatma şartlarına maruz kalan bir yere yerleştirmeyin.
- Yangını önlemek için cihazı radyatör, ısıtıcı, fırın veya başka ısı üreten cihazlar gibi ısı kaynağına yakın bir yere monte etmeyin.
- İçerisindeki parçaların hasar görmesini önlemek için cihazın içerisine sıvıların girmesini önleyin.
- Cihazın düşmesini önlemek için yatay olarak veya dayanıklı bir yere monte edin.

- Cihazı iyi havalandırılan bir yere monte edin ve cihazın hava sirkülasyonunu engellemeyin.
- Cihazın parçalarını gelişigüzel sökmeyin.
- Cihazın nakliyesi, saklanması ve montajı esnasında ağır baskılardan, şiddetli sarsıntılardan ve sıvıya batmalardan kaçınin. Cihazın nakliyesi esnasında ambalajın tamamı gereklidir.
- Nakliye için fabrikasyon ambalajı ya da eş değerini kullanın.

Pil

Düşük pil gücü, her güç açma esnasında sıfırlanmasına neden olarak RTC'nin çalışmasını etkiler. Pillerin değiştirilmesi gerektiğinde ürünün sunucu raporunda bir günlük iletisi görüntülenir. Sunucu raporu hakkında daha fazla bilgi için ürünün kurulum sayfalarına bakın veya Dahua destek merkeziyle iletişime geçin.



UYARI

- Pil yanlış şekilde takılırsa patlama tehlikesi.
- Sadece aynı türde veya Dahua tarafından önerilen bir pil takın.
- Eski pilleri, yerel yönetmeliklere veya pil üreticisinin talimatlarına göre elden çıkarın.

עברית


אמצעי זהירות ואזהרות בעלי חשיבות

פרק זה מתאר את התכנים בנושא טיפול נאות במכשיר, מניעת בעיות ומניעת נזקי רכוש. יש לקרוא תכנים אלה בתשומת לב לפני שימוש במכשיר, לפעול לאורם בעת הפעלת המכשיר ולשמור אותם לעיון עתידי.

הנחיות בטיחות

מילות הסימון המסווגות הבאות עם הפירושים המוגדרים עשויות להופיע במדריך.

משמעות	מילות סימון
מציינת סכנה בסבירות גבוהה, שאם לא תימנע, עשויה לגרום למוות או לפציעה קשה.	סכנה
מציינת סכנה בסבירות בינונית או נמוכה, שאם לא תימנע, עשויה לגרום לפציעה קלה או בינונית.	אזהרה
מציינת סבירות לסכנה שאם לא תימנע, עשויה לגרום לנזק, אובדן מידע, הפחתה ברמת הביצועים או לתוצאות לא צפויות.	זהירות
מספקות שיטות שסייעו לך לפתור בעיות או שיחסכו לך זמן.	עצות

משמעות	מילות סימון
מספקת מידע נוסף להדגשה לטקסט ולהשלמתו.	הערה 

דרישת בטיחות

- יש לציית לכל התקנים המקומיים לבטיחות בחשמל על מנת להבטיח שהמתח יציב ותואם לדרישות אספקת החשמל של המכשיר.
- הובלה, שימוש ואחסון של המוצר יעשו בהתאם לתנאי הטמפרטורה והלחות המותרים. יש להתייחס למפרטים הטכניים המקבילים של המכשיר לטמפרטורה וללחות המוגדרים לביצוע עבודה.
- אין למקם את המכשיר במקום חשוף לרטיבות, אבק, תנאי קור או חום קיצוניים, קרינה חשמלית חזקה או תנאי תאורה לא יציבים.
- על מנת אין להתקין את המכשיר בקרבת מקור חום, כגון מקרן, תנור, כבשן או מכשיר אחר שפולט חום.
- יש להימנע משפיכת נוזל על המכשיר על מנת למנוע נזק למרכיביו הפנימיים.
- על מנת שלא ייפול, יש להתקין את המכשיר בצורה מאוזנת או במקום יציב.
- יש להתקין את המכשיר במקום מאוורר היטב ולא לחסום את מעבר האוויר למכשיר.
- אין לפרק את המכשיר בכוחות עצמך.
- יש להימנע מהצבת משקל כבד, טלטול חזק או הרטבתו במהלך הובלת המכשיר, אחסונו או התקנתו. לשם העברת המכשיר יש להשתמש באריזתו המלאה.
- לשם העברת המכשיר יש להשתמש באריזה המסופקת על ידי היצרן או במקבילה.

סוללה

ותגרום לו להתאפס בכל הדלקה שלו. כאשר יש צורך ב-RTC סוללה חלשה תשפיע על פעולת ה בהחלפת הסוללה, תופיע הודעת יומן אירועים בדו"ח השרת של המוצר. למידע נוסף אודות דו"ח Dahua השרת, יש לעיין בדפי ההגדרה של המוצר או ליצור קשר עם התמיכה של



אזהרה

- החלפה לא נכונה של הסוללה עלולה לגרום לפיצוץ.
- Dahua יש להחליף אך ורק בסוללה זהה או כזו שמומלצת על ידי
- יש לסלק סוללות משומשות בהתאם לתקנות המקומיות או להנחיותיו של היצרן.






Français

Précautions et avertissements importants

Le contenu de ce chapitre aborde la bonne manipulation de l'appareil, la prévention des risques et la prévention des dommages matériels. Lisez ce contenu soigneusement avant d'utiliser l'appareil, respectez-le lorsque vous l'utilisez, et conservez-le pour vous y référer ultérieurement.

Précautions d'emploi

Les mentions d'avertissement catégorisées suivantes ayant un sens défini sont susceptibles d'apparaître dans le manuel.

Mentions d'avertissement	Signification
 DANGER	Indique un danger à risque élevé qui entraînera la mort ou des blessures graves si les instructions données ne sont pas respectées.
 AVERTISSEMENT	Indique une situation moyennement ou faiblement dangereuse qui entraînera des blessures faibles ou modérées si les instructions données ne sont pas respectées.
 AVERTISSEMENT	Indique une situation potentiellement dangereuse qui pourra entraîner des dommages de la propriété, des pertes de données, une performance moindre ou des résultats imprévisibles, si les instructions données ne sont pas respectées.
 ASTUCES	Fournit des instructions qui vous permettront de résoudre un problème ou de vous faire gagner du temps.
 REMARQUE	Fournit des informations supplémentaires pour mettre en évidence et compléter le texte.

Exigences de sécurité

- Respectez les normes de sécurité électrique locales pour vous assurer que la tension est stable et conforme aux exigences d'alimentation de l'appareil.
- Transportez, utilisez et stockez l'appareil dans les conditions d'humidité et de température autorisées. Consultez les spécifications techniques correspondantes de l'appareil pour connaître la température et l'humidité de fonctionnement spécifiques.
- Ne placez pas l'appareil dans un lieu exposé à l'humidité, à la poussière, à une chaleur ou un froid extrême, à de forts rayonnements électroniques, ou à des conditions d'éclairage instables.
- N'installez pas l'appareil près d'une source de chaleur telle qu'un radiateur, un chauffage, une chaudière, ou tout autre dispositif générant de la chaleur afin d'éviter les risques d'incendie.
- Empêchez aux liquides de couler sur l'appareil afin d'éviter d'endommager les composants internes.
- Installez l'appareil horizontalement ou sur une surface stable afin de l'empêcher de tomber.
- Installez l'appareil dans un lieu bien ventilé et ne bloquez pas la ventilation de l'appareil.
- Ne démontez pas l'appareil de façon arbitraire.
- Au cours du transport, du stockage et de l'installation de l'appareil, évitez de le soumettre à de fortes contraintes, à des vibrations violentes ou à une immersion. L'emballage complet est nécessaire au cours du transport.
- Utilisez l'emballage d'usine ou équivalent pour le transport.

Batterie

Un niveau de batterie faible affecte le fonctionnement du RTC, qui se réinitialisera à chaque redémarrage. Lorsque la batterie doit être remplacée, un message de journal apparaît dans le rapport du serveur du produit. Pour plus d'informations sur le rapport du serveur, consultez les pages de configuration du produit ou contactez l'assistance Dahua.



AVERTISSEMENT

- Risque d'explosion si la batterie est remplacée de façon incorrecte.
- Remplacez la batterie uniquement par une batterie recommandée par Dahua.
- Éliminez les batteries usagées conformément aux réglementations locales ou aux instructions du fabricant de la batterie.






Español(España)

Advertencias y precauciones de seguridad importantes

En este capítulo se describe el contenido que cubre la manipulación correcta del dispositivo, la prevención de riesgos y la prevención de daños materiales. Lea detenidamente este contenido antes de usar el dispositivo, sígalo cuando lo utilice y consérvelo para consultas futuras.

Instrucciones de seguridad

Las siguientes palabras de advertencia con un significado definido podrían aparecer en la guía.

Palabras de advertencia	Significado
 PELIGRO	Indica un riesgo potencial alto que, si no se evita, resultará en muerte o lesiones graves.
 ADVERTENCIA	Indica un riesgo potencial medio o bajo que, si no se evita, podría resultar en lesiones leves o moderadas.
 PRECAUCIÓN	Indica un riesgo potencial que, si no se evita, podría resultar en daños materiales, pérdida de datos, rendimiento menor o resultados impredecibles.
 CONSEJOS	Ofrece métodos para ayudarle a resolver un problema o ahorrar tiempo.
 NOTA	Proporciona información adicional como hincapié y complemento para el texto.

Requisitos de seguridad

- Cumpla las normas locales de seguridad eléctrica para garantizar que la tensión sea estable y cumpla los requisitos de alimentación eléctrica del dispositivo.
- Transporte, utilice y almacene el dispositivo bajo las condiciones de humedad y temperatura permitidas. Consulte las especificaciones técnicas

correspondientes del dispositivo para la temperatura y humedad operativas específicas.

- No coloque el dispositivo en un lugar expuesto a humedad, polvo, calor o frío extremos, radiaciones electrónicas fuertes o condiciones de iluminación inestables.
- No instale el dispositivo en un lugar cerca de fuentes de calor, como radiadores, calentadores, hornos u otros dispositivos generadores de calor, para evitar un incendio.
- No deje que entre líquido en el dispositivo para evitar daños en los componentes internos.
- Instale el dispositivo horizontalmente o instálo sobre un lugar estable para evitar que caiga.
- Instale el dispositivo en un lugar bien ventilado y no obstruya la ventilación.
- No desmonte de forma arbitraria el dispositivo.
- Evite las presiones excesivas, las vibraciones violentas y mojar el dispositivo durante el transporte, almacenamiento e instalación. Es necesario utilizar el embalaje completo durante el transporte.
- Utilice el embalaje de fábrica o uno equivalente para transportarlo.

Pilas

La baja batería afecta al funcionamiento del RTC, provocando que se restablezca cada vez que recibe alimentación. Cuando sea necesario sustituir las pilas, aparecerá un mensaje de registro en el informe de servidor del producto. Para más información acerca del informe de servidor, consulte las páginas de configuración del producto o póngase en contacto con el departamento de soporte de Dahua.



ADVERTENCIA

- Riesgo de explosión si se sustituyen incorrectamente las pilas.
- Sustitúyalas únicamente por pilas idénticas o pilas recomendadas por Dahua.
- Elimine las pilas gastadas en conformidad con la normativa local o las instrucciones del fabricante de las pilas.


Deutsch





Wichtige Sicherheits- und Warnhinweise

Dieses Kapitel beschreibt die Inhalte zum richtigen Umgang mit dem Gerät, zur Verhütung von Gefahren und zur Vermeidung von Sachschäden. Lesen Sie dieses Kapitel sorgfältig durch, bevor Sie das Gerät verwenden, halten Sie die Anweisungen bei der Verwendung ein und bewahren Sie diese Anleitung zum späteren Nachlesen gut auf.

Sicherheitshinweise

Die folgenden kategorisierten Signalwörter mit definierter Bedeutung können in der Kurzanleitung verwendet werden.

Signalwörter	Bedeutung
 GEFAHR	Weist auf ein hohes Gefahrenpotential hin, das, wenn es nicht vermieden wird, zum Tod oder zu schweren Verletzungen führt.

Signalwörter	Bedeutung
 WARNUNG	Weist auf eine mittlere oder geringe potentielle Gefahr hin, die, wenn sie nicht vermieden wird, zu leichten oder mittelschweren Verletzungen führen kann.
 VORSICHT	Weist auf ein potenzielles Risiko hin, das, wenn es nicht vermieden wird, zu Sachschäden, Datenverlust, geringerer Leistung oder unvorhersehbaren Ergebnissen führen kann.
 TIPPS	Stellt Methoden bereit, mit denen Sie ein Problem lösen oder Zeit sparen können.
 HINWEIS	Bietet zusätzliche Informationen als Schwerpunkt und Ergänzung zum Text.

Sicherheitsanforderungen

- Halten Sie sich an die örtlichen elektrischen Sicherheitsnormen, um sicherzustellen, dass die Spannung stabil ist und den Anforderungen an die Stromversorgung des Geräts entspricht.
- Transportieren, verwenden und lagern Sie das Gerät unter den zulässigen Feuchtigkeits- und Temperaturbedingungen. Die entsprechenden technischen Spezifikationen des Geräts für die jeweilige Betriebstemperatur und Luftfeuchtigkeit sind zu beachten.
- Stellen Sie das Gerät nicht an Orten auf, an denen es Feuchtigkeit, Staub, extremer Hitze oder Kälte, starker elektronischer Strahlung oder instabilen Lichtverhältnissen ausgesetzt ist.
- Installieren Sie das Gerät nicht in der Nähe einer Wärmequelle, z. B. einem Heizkörper, Heizlüfter, Ofen oder anderen Wärme erzeugenden Geräten, um Feuer zu vermeiden.
- Verhindern Sie, dass Flüssigkeit in das Gerät fließt, um Schäden an internen Bauteilen zu vermeiden.
- Installieren Sie das Gerät waagrecht oder an einem stabilen Ort, damit es nicht herunterfällt.
- Installieren Sie das Gerät an einem gut belüfteten Ort und blockieren Sie die Belüftung des Geräts nicht.
- Nehmen Sie das Gerät nicht eigenmächtig auseinander.
- Vermeiden Sie starke Belastungen, Vibrationen und eindringende Nässe während des Transports, der Lagerung und der Installation. Das Gerät sollte immer vollständig verpackt transportiert werden.
- Verwenden Sie die ab Werk verwendete Verpackung oder eine gleichwertige Verpackung für den Transport.

Batterie

Eine niedrige Batterieleistung beeinträchtigt den Betrieb der Echtzeituhr, wodurch sie bei jedem Einschalten zurückgesetzt wird. Wenn die Batterie ausgetauscht werden muss, wird eine Protokollmeldung im Serverbericht des Produkts angezeigt. Weitere Informationen zum Serverbericht finden Sie auf den Einrichtungsseiten des Produkts oder wenden Sie sich an den Support von Dahua.



WARNUNG

- Bei nicht ordnungsgemäßem Austausch der Batterie besteht

Explosionsgefahr.

- Ersetzen Sie die Batterie nur durch eine identische Batterie oder eine Batterie, die von Dahua empfohlen wird.
- Entsorgen Sie leere Batterien entsprechend den örtlichen Vorschriften oder den Anweisungen des Batterieherstellers.






Italiano

Norme di sicurezza e avvertenze importanti

Il presente capitolo descrive le procedure per una corretta manipolazione del dispositivo, per la prevenzione dei rischi e per la prevenzione di danni materiali. Leggere attentamente queste informazioni prima di utilizzare il dispositivo, attenersi alle istruzioni fornite durante l'uso e conservarle come futuro riferimento.

Istruzioni di sicurezza

I seguenti indicatori di pericolo, aventi i significati indicati, possono apparire nella presente guida.

Indicatori di pericolo	Significato
 PERICOLO	Indica una situazione ad alto rischio che, se non viene evitata, può causare il decesso o gravi lesioni.
 AVVERTENZA	Indica una situazione a medio o basso rischio che, se non viene evitata, può causare lesioni di leggera o moderata entità.
 ATTENZIONE	Indica un rischio potenziale che, se non evitato, può causare danni materiali, perdite di dati, riduzione delle prestazioni o altre conseguenze imprevedibili.
 CONSIGLI	Spiegano metodi utili per risolvere un problema o per aiutarvi a risparmiare tempo.
 NOTA	Fornisce informazioni aggiuntive che completano quelle riportate nel testo.

Requisiti di sicurezza

- Attenersi alle leggi locali sulla sicurezza elettrica per garantire una tensione stabile e soddisfare i requisiti di alimentazione del dispositivo.
- Trasportare, utilizzare e conservare il dispositivo alle condizioni di umidità e temperatura consentite. Fare riferimento alle specifiche tecniche del dispositivo per conoscere i valori specifici della temperatura di esercizio e dell'umidità.
- Non posizionare il dispositivo in un ambiente esposto ad una eccessiva umidità, a polvere, a condizioni di caldo e freddo estremi, a forti radiazioni elettroniche o a condizioni di illuminazione non stabile.
- Non installare il dispositivo vicino ad una fonte di calore, quali ad esempio radiatori, apparecchi di riscaldamento, forni o altri dispositivi di generazione del calore, per evitare il rischio di incendio.
- Evitare di versare liquido sul dispositivo per non danneggiare i componenti interni.
- Installare il dispositivo in posizione orizzontale, oppure in una zona stabile, per evitare che possa cadere.

- Installare il dispositivo in un ambiente adeguatamente ventilato e non ostruire la circolazione dell'aria.
- Non smontare il dispositivo in modo casuale.
- Evitare forte sollecitazioni, violente vibrazioni e non bagnare il prodotto durante il trasporto, lo stoccaggio e l'installazione. Trasportare il prodotto utilizzando un imballaggio adeguato.
- Utilizzare l'imballaggio standard previsto o un imballaggio equivalente.

Batteria

L'uso di una batteria scarica può compromettere il funzionamento del dispositivo RTC, che si resetterà ad ogni avvio. Quando è necessario sostituire la batteria, nel report del server del prodotto viene visualizzato un messaggio di log. Per ulteriori informazioni sul report del server, leggere le pagine di configurazione del prodotto, oppure contattare il servizio assistenza di Dahua.



AVVERTENZA

- Se la batteria non viene sostituita correttamente, può generare il rischio di esplosione.
- Sostituire solo con una batteria identica o una batteria raccomandata da Dahua.
- Smaltire le batterie usate in conformità con le normative locali o attenendosi alle istruzioni del produttore della batteria.

Nederlands

Belangrijke voorzorgsmaatregelen en waarschuwingen

Dit hoofdstuk beschrijft de inhoud die de juiste omgang met het apparaat behandelt, het voorkomen van gevaren alsmede het voorkomen van materiële schade. Lees deze inhoud zorgvuldig door voordat u het apparaat gebruikt, houdt u eraan tijdens het gebruik, en bewaar ze goed voor toekomstige referentie.

Veiligheidsinstructies

De volgende gecategoriseerde signaalwoorden met gedefinieerde betekenis staan in de handleiding vermeld.

Signaalwoorden	Betekenis
GEVAAR	Geeft een hoog potentieel gevaar aan dat, indien niet voorkomen, kan leiden tot overlijden of ernstig.
WAARSCHUWING	Geeft een gemiddeld of laag potentieel gevaar aan dat, indien niet voorkomen, kan leiden tot licht of matig letsel.
LET OP	Geeft een potentieel risico aan dat, indien niet voorkomen, kan leiden tot materiële schade, gegevensverlies, lagere prestaties of onvoorspelbaar resultaat.
TIPS	Biedt methodes om u te helpen een probleem op te lossen of tijd te besparen.
OPMERKING	Biedt aanvullende informatie als nadruk op en aanvulling van de tekst.

Veiligheidsvereiste

- Houdt u aan plaatselijke veiligheidsstandaarden om ervoor te zorgen dat het voltage stabiel is en voldoet aan de vereiste stroomvoorziening van het apparaat.
- Transporteer, gebruik en bewaar het apparaat onder de toegestane relatieve luchtvochtigheid en temperaturomstandigheden. Zie de overeenkomstige technische specificaties van het apparaat voor specifieke werktemperatuur en relatieve luchtvochtigheid.
- Plaats het apparaat niet op een locatie die blootgesteld is aan vocht, stof, extreme hitte of koude, sterke elektronische straling of onstabiele verlichtingsomstandigheden.
- Installeer het apparaat niet op een plek vlakbij de warmtebron, zoals een radiator, verwarming, fornuis of ander warmte-genererend apparaat om brand te voorkomen.
- Voorkom dat er vloeistof in het apparaat loopt om schade aan interne componenten te vermijden.
- Installeer het apparaat horizontaal of installeer het op een stabiele plek om te voorkomen dat het valt.
- Installeer het apparaat in een goed geventileerde ruimte en blokkeer de ventilatie van het apparaat niet.
- Haal het apparaat niet willekeurig uit elkaar.
- Vermijd zware druk, hevige trilling en nat worden tijdens het transport, de opslag en de installatie. De complete verpakking is noodzakelijk tijdens het transport.
- Gebruik de fabrieksverpakking of gelijkwaardig voor het transport.

Batterij

Lage batterijstroom beïnvloedt de bediening van de RTC, waardoor deze bij iedere stroominschakeling reset. Als de batterij vervangen moet worden, verschijnt een logbericht in het serverrapport van het product. Zie voor meer informatie over het serverrapport de setuupagina's van het product of neem contact op met Dahua Support.



WAARSCHUWING

- Gevaar op ontploffing als de batterij onjuist wordt vervangen.
- Vervang alleen met een identieke batterij die wordt aanbevolen door Dahua.
- Verwerk de gebruikte batterijen volgens de plaatselijke regelgeving of de instructies van de batterijfabrikant.






Portugués

Instruções e advertências importantes

Este capítulo descreve os conteúdos relativos ao manuseamento correto do dispositivo, à prevenção de riscos e à prevenção de danos materiais. Leia estes conteúdos atentamente antes de utilizar o dispositivo, respeite as instruções durante a utilização e guarde-as em boas condições para consulta futura.

Instruções de segurança

As seguintes palavras-sinal categorizadas, com um significado definido, poderão surgir no Guia.

Palavras-sinal	Significado
 PERIGO	Indica um risco potencial elevado que, se não for evitado, resultará em morte ou ferimentos graves.
 AVISO	Indica um risco potencial médio ou baixo que, se não for evitado, poderá resultar em ferimentos ligeiros ou moderados.
 ATENÇÃO	Indica um risco potencial que, se não for evitado, pode resultar em danos materiais, perda de dados, desempenho inferior ou resultados imprevisíveis.
 SUGESTÕES	Disponibiliza métodos para o ajudar a resolver um problema ou a poupar o seu tempo.
 NOTA	Disponibiliza informações adicionais como destaque e complemento ao texto.

Requisitos em termos de segurança

- Respeite as normas locais de segurança elétrica de forma a garantir que a tensão é estável e respeita os requisitos da fonte de alimentação do dispositivo.
- Transporte, utilize e armazene o dispositivo nas condições de humidade e temperatura permitidas. Consulte as respetivas especificações técnicas do dispositivo para conhecer a temperatura e humidade de funcionamento específicas.
- Não coloque o dispositivo num local exposto a humidade, poeira, condições de calor ou frio extremas, radiação eletrónica intensa ou condições de iluminação instáveis.
- Não instale o dispositivo num local próximo de uma fonte de calor, como, por exemplo, um radiador, aquecedor, fofalha ou outro dispositivo de geração de calor de forma a evitar incêndios.
- Não permita o escorrimento de líquidos para o dispositivo, evitando, assim, danos nos componentes internos.
- Instale o dispositivo numa posição horizontal ou num local estável, prevenindo possíveis quedas.
- Instale o dispositivo num local bem ventilado e não bloqueie a ventilação do dispositivo.
- Não desmonte o dispositivo de forma arbitrária.
- Evite pressões intensas, vibrações violentas e a imersão do dispositivo durante o transporte, armazenamento e instalação. Para o transporte, é necessária a embalagem completa.
- Utilize a embalagem de fábrica ou equivalente para efetuar o transporte.

Bateria

Uma bateria fraca afeta a operação do RTC, fazendo com que este reinicie sempre que é ligado. Quando a bateria tiver de ser substituída, surgirá uma mensagem de registo no relatório do servidor do produto. Para mais informações sobre o relatório do servidor, consulte as páginas de configuração do produto ou contacte a Dahua para obter assistência.



AVISO

- Risco de explosão se a bateria não for corretamente colocada.
- Substitua apenas por uma bateria idêntica ou por uma bateria recomendada pela Dahua.
- Elimine as baterias usadas de acordo com os regulamentos locais ou com as instruções do fabricante da bateria.