

IOTS Thermal Sight User Manual



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Warnings and Precautions

WARNING: ITAR REQUIREMENTS

These products may be subject to export and foreign trade control laws of the United States and may not be exported without prior approval of the U.S. Department of State.

Learn more at www.infitacusa.com.

WARNING: CHOKING HAZARD

Children under 3 years old can choke or suffocate on small parts of this product. This product is not a toy; keep out of reach of children.

WARNING!

The lens of the product must not be pointed at any sources of intense radiation energy, such as laser-emitting devices or the sun. This may damage the electronic components in the device. Damage caused by failure to comply with this User Manual is not covered under warranty.

Important Notices!

- If you need to make a product warranty claim, please keep the product packaging and warranty card.

Precautions

- The lens is an important optical component. When installing and using it, avoid contamination and damage to the lens surface from oil and various chemicals.
- Do not use chemical solvents or diluents to clean the surface of the device shell. You can use a clean, soft, dry cloth to wipe it.
- Remove the battery when the device is not in use, and store the device in its provided protective case. For long-term storage, keep the device in a dry, well-ventilated environment.
- Do not expose the device to temperatures below -4°F or above +122°F for extended periods.
- If the device malfunctions or is damaged, please send it to our after-sales service department for repair. Unauthorized disassembly, modification, or repair by anyone other than authorized INFITAC personnel is prohibited.

1 OVERVIEW

Introducing the INFITAC IOTS Thermal Sights: IOP25 & IOL25. The IOTS series is designed for multi-purpose use, featuring handheld monocular, standalone scope, and clip-on, along with a 45° offset mount for red dot. Harness advanced IoT connectivity with DNVS-14 Pro for real-time shared vision, enabling corner system. Enjoy a large exit pupil and long eye relief for comfortable extended viewing, while a wide field of view ($7.0^{\circ} \times 5.3^{\circ} / 10.5^{\circ} \times 7.9^{\circ}$) provides heightened situational awareness. Each sight is equipped with a high-resolution detector and a 25mm F1.0 lens, delivering crystal-clear imaging under challenging conditions. Built for rugged performance, it is IP67 waterproof and withstands recoil of 1200g/s².

2 FEATURES

- 3 +1 multi-purpose use
Handheld, Standalone, and Clip-on (1.5 inch)
45° Offset Mount for red dot (RMR platform)
- Powerful IoT Wireless Interconnection
- Super Resolution Engine
- Tactical design
- Flash killer
- Multi Color Palette & Reticle Color
palette: white, black, iron, red, color;
Reticle color: white, black, red, green
- Focus Free
- Replaceable 18650 Battery ≥7h

3 TECHNICAL SPECIFICATIONS

Model	IOP25	IOL25
Detector		
Resolution, pixels	256×192	384×288
Pixel, μm	12	
Frame Rate, Hz	50Hz	
NETD (t=25°C), mK	≤ 25	≤ 20
Optics		
Objective Lens, mm	25 F1.0	
Base Magnification	3x	2x

Field of View (H×V), °	7.0×5.3	10.5×7.9
Focus Range, yds	5yds~∞	5yds~∞
Eye Relief, mm	52	
Diopter Range	-4SD ~ +2SD	
Display Type	0.39inch 1024×768 AMOLED	
E-zoom	1x/2x/4x	1x/2x/4x/8x
Color Palettes	White Hot, Black Hot, Red Hot, Color, Iron	
Reticle Types	7	
Reticle Colors	Red, White, Black, Green	
Electronics		
Onboard Recording	Video and Image	
Onboard Storage	32GB	
IOT Wireless Connectivity	Image and Video via App.	
Power Supply	18650 Batteries x 1	
Max. Operation Time, (t=22°C) h★	Thermal mode>9h	Thermal mode>7h
External Power Supply	USB Type-C, 5V	
Data/Power Connector	USB Type-C	
Physical		
Material	AL6061-T6	
Mechanical Interface	Picatinny rail	
Second Mechanical Interface	45° RMR Mount	
IP Rating	IP67	
Max. Recoil	1200 g/s²	
Operating Temperature, °F	-4°F ~+122°F (-20°C~ +50°C)	
Weight	≤17.7oz (500g)	≤18.3oz (520g)
Dimension	≤5.6×2.7×3.5inch (141×68×89mm)	

*The actual working time depends on the use intensity of the product.

Improvements may be made to the design and software of this product to enhance its features without prior notice.

You can download this User Manual at our official website: www.infitacusa.com.

4 PACKAGE CONTENTS

- IOP25 thermal rifle sight / IOL25 Thermal rifle sight
- Picatinny mount
- 45° Offset mount
- M4 L-shaped Hex Wrench ×1
- M3 L-shaped Hex Wrench ×1
- M4×10 Hex Screws ×2
- M3×8 Hex Screws ×2

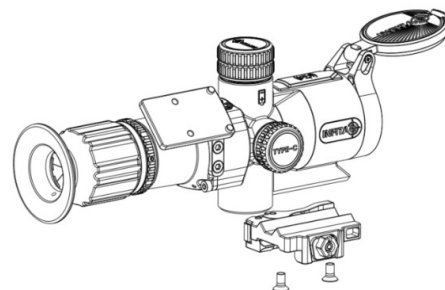
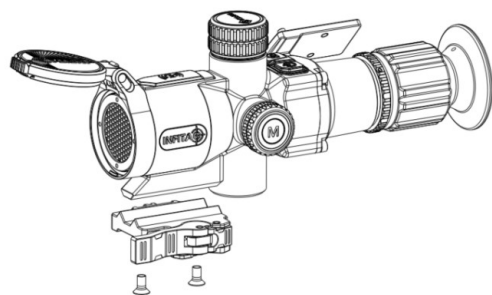
- Battery compartment cover (Short)
- Rechargeable 18650 batteries x2
- Eyeguard
- Objective lens cap
- Flash Killer (Anti-Reflection device)
- USB Type-C Cable
- Lens Cloth
- INFITAC Brand Sticker
- INFITAC Hook and Loop Fastener
- Heated Target for Zeroing ×2
- User Manual
- Warranty Card

Note:

- To adapt to the variation in the length of 18650 batteries, two battery covers are included. If the 18650 battery used is shorter than the provided one, please use a shorter battery cover.
- The 45° offset mount is a standard RMR platform and is compatible with most red dots.

5 COMPOENTS AND CONTROLS

- Objective Lens
- Objective lens cap
- Honeycomb anti-reflection device
- Eyepiece
- Eyeguard
- Picatinny mount
- Menu Button (Multi-function button)
- Power Button
- Photo Button
- Battery Compartment Cover
- USB Type-C Port
- USB Type-C Cover
- 45° offset mount for red dot



5.1 Models

You can find the product model and SN information on the IOTS thermal rifle sight body.



You can also enter information menu according to the instructions in **Chapter 12** to view the product model and SN information.

6 TECHNICAL INSPECTION

Perform a technical inspection to check the following items each time before you use the device.

- Device Appearance: The shell should be free of visible cracks and damage.
- Objective Lens Condition: The lens surface should be free of cracks, oil, stains, or other sediments.
- Device Installation Status: Securely mounted on the platform with no signs of loosening.
- Battery Status: The battery is fully charged and there is no foreign matter in the battery compartment.
- The device can be turned on and used normally.
- The device image is clear and free of interference.
- Check that the device's thermal imaging settings are correct.

7 INSTALLATION AND USAGE

First fix the IOTS to an appropriate position on the platform. Please install the Picatinny mount on the IOTS sight base first. The steps are as follows:

- Use a M4 hex wrench and included M4 screws, attach the Picatinny mount to the IOTS base.
- Install the IOTS on the platform and adjust its position until you obtain a clear image and a comfortable viewing angle.
- When the position is set, remove one M4 screw at a time and apply a small amount of blue Loctite 242 thread locker to the threads.
- Reinsert each screw and tighten to 20 in/lbs.
- Allow the thread locker to fully cure.

After the thread locker has cured, install the IOTS thermal sight onto the platform's Picatinny rail.

- Press the locking button, pull the locking lever, and release the throw lever.
- Position the mount onto the Picatinny rail.

- Push the lever closed to lock the mount in place--You will hear a click from the lever and the locking button.

Notes:

- It is recommended to use a torque wrench to tighten the screws of the installation clamps, so as to avoid damaging the support locking mechanism due to being over-tightened, and the recommended torque shall not exceed 20 in/lbs.
- Please carry out the zeroing operation first according to the instructions as specified in **Chapter 13 Zeroing** in this User Manual.

8 BUTTONS AND TOUCH FUNCTIONS

8.1 Button Functions

Power Button 		
Current status	Short Press	Long Press
Device off	/	Power on the device
Home screen	Enter Standby mode	Power off the device
standby mode	Exit standby	/

Photo Button 		
Current status	Short Press	Long Press
Standby mode	Exit standby	/
Home screen	Photo	Start/Stop recording

Menu Button 				
Current status	Short Press	Long Press	Clockwise Rotate	Counterclockwise Rotate
Standby mode	Exit Standby	/	/	/
Home Screen	Shutter Calibration	Enter the Main Menu	1x/2x/4x/8x/1x	1x/8x/4x/2x/1x
Main Menu	Next menu	Return Home Screen	Move cursor right	Move cursor left
Parameter interface	Confirm	Save and return to previous menu	Increase Number/Value	Decrease Number/Value

Power Button  +Photo Button 		
Current status	Short Press	Long Press
Home screen	/	Switch the device into the clip on mode or the standalone scope

9 BATTERY

The IOTS thermal rifle sight is powered by one 18650 battery, providing up to 7 hours of normal operation. Before first use, please insert a new or fully charged 18650 battery.

9.1 Battery Installation and Replacement

- Make sure that the IOTS thermal rifle sight is turned off.
- Rotate the battery cover counterclockwise until it is removed.
- Insert one 18650 battery into the battery compartment, following the polarity note (positive end inwards).
- Install the battery compartment cover back in the correct direction.
- Rotate the battery cover clockwise, lock the battery compartment cover, and fix it to the corresponding position.

9.2 Charging the Batteries

- The IOTS sight comes with two 18650 batteries in the package and has a built-in USB Type-C interface.
- When charging, please use a standard and qualified mobile phone power charger (5V/2A) and a USB cable harness
- Insert the USB connector into the USB type-C port of the positive terminal of the 18650 battery and connect it to the power charger of the mobile phone

9.3 Battery Precautions

- If the device is not in use for a long time, the battery shall be taken out of the device and stored in a dry place.
- The battery compartment is equipped with battery reverse connection protection, but it is best to avoid incorrect installation.
- The device shall be used at the temperature of 32°F~+104°F, under which the battery is of the best performance.
- When the device is used under sub-zero temperatures, the battery capacity drops. This is normal and does not indicate a defect.

10 EXTERNAL POWER SUPPLY

The IOTS thermal rifle sight supports external power supply, such as using a phone charger (5V) or a computer USB interface.

Steps for Use:

- Connect the external power source to the IOTS USB Type-C port using a USB cable.
- If the device is powered on, it will automatically switch to the external power supply and stop using the battery.
- When the external power is turned off or disconnected, the device will switch to the battery for the power supply.

Precautions:

- When the USB interface is used for the power supply, the default power will come from the power supply, and the internal battery power will be stopped.
- Using a USB interface for power will not charge the battery inside the device.
- Do not leave the device unattended for extended periods when using an external power supply.

11 OPERATION INSTRUCTIONS

WARNING

The lens of the product must not be pointed at any sources of intense radiation energy, such as laser-emitting devices or the sun. This may damage the electronic components in the device. Damage caused by failure to comply with this User Manual is not covered under warranty.

11.1 Power on

- Refer to Chapter 9 to install the battery.
- Long press the Power button for 3 seconds. The device will start up, and the INFITAC logo will appear on the display.



11.2 Power off

- Long press the **Power button** for 2 seconds. The power-off countdown screen will appear, counting down from 3.
- Continue long pressing the **Power button**. Release the button when the countdown reaches 0,

the device will power off.

Note: If you release the **Power button** before the countdown reaches 0, the power-off process will stop, and the device will return to the previous screen.

11.3 Standby Mode

You can manually enter Standby mode to save battery power.

- On the home screen, short press the **Power button**. The display will turn black, and the device will enter Standby mode.
- Short press the **Power button** again to exit Standby mode.

After entering Standby mode, if the device stays in Standby mode for 4h, it will automatically power off to save more battery power.

11.4 Status Bar Overview



The status bar is located at the top of the screen and displays the information related to the current operating status of the device. From left to right, there are:

- **Digital Zoom:** Displays the current image magnification.
- **Zeroing Distance:** Displays the current zeroing profile and distance.
- **Shutter Calibration Mode:** Displays the current shutter calibration (NUC) mode, which can be set to Auto  or Manual . In Auto mode, a countdown (3, 2, 1, 0) will appear next to NUC in the status bar, and the shutter action will execute when the countdown ends.
- **IoT Status:** Displays the current IoT status, which can be off , on but not connected , or on and connected .
- **Image Enhancement Mode:** Displays whether image enhancement is enabled or not. It shows  when enabled and does not display when disabled.
- **Azimuth:** Displays the current azimuth information of the device.
- **Video output:** Displays whether video output is enabled or not. When enabled  and does not display when disabled.
- **Recording status:** Displays the current status of the recording function. When enabled  and when disabled .
- **Image polarity:** Displays the current image polarity.
- **Time:** Displays the current time.
- **Battery Level:** Displays the current battery level, from 0 bars  to 5 bars . When an external power source is connected, the USB connection icon  will be displayed.

Note:

- When the battery icon shows more than 2 bars, it indicates the battery level is above 20% and sufficiently charged.
- When the battery icon shows 1 bar in red  , it indicates low battery, please replace the battery. When the battery icon shows 0 bar in red  , it indicates critically low battery and imminent power off.

11.5 Shutter Calibration

Shutter Calibration (NUC) adjusts the thermal imager's sensor pixel parameters to eliminate image defects caused by pixel shifts. The device will automatically perform a shutter calibration each time it is powered on.

The IOTS sight offers two shutter calibration modes: Auto and Manual.

Auto

- In Auto mode, the IOTS executes shutter calibration based on internal software algorithms.
- When the system determines that shutter calibration is needed, a countdown (3, 2, 1, 0) will appear next to the NUC icon in the status bar, and the shutter action will be executed when the countdown ends.
- Before the countdown ends, you can short press the **Menu button** to cancel the shutter calibration.
- In the Auto option, you can still manually execute shutter calibration by short pressing the **Menu button**.

Manual

- On the home screen, short press the **Menu button** to perform a manual shutter calibration.

11.6 Pixel Defect Correction

- Refer to Chapter 12 to enter the defective pixel correction interface, select the pixel correction item.
- Rotate the **menu button** to switch options (Auto, X, Y, Add, Save, Cancel), and short press the **menu button** to confirm the current option.
- Select **X** to move the cursor along X-Axis, select **Y** to move the cursor along Y-Axis.
- Rotate the **menu button** to move the reticle in the corresponding direction by 1 pixel
- Select the **Add item** to confirm the location of a defective pixel and add it to a “to be corrected” list.
- Repeat above steps to add any additional defective pixels.
- Select **Save item** to correct the saved list of defective pixels and exit the interface. **OR**

- Select **Cancel item** or long press the **menu button** to exit the interface without performing pixel corrections.

11.7 Digital Zoom

- The IOP25 can digitally magnify images at 1x, 2x, and 4x. The base magnification is 3x, after enlargement, it is 3x, 6x, and 12x;
- The IOL25 can digitally magnify images at 1x, 2x, 4x, and 8x. The base magnification is 2x, after enlargement, it is 2x, 4x, 8x, and 16x;
- The Status bar displays the current magnification during the operation in real time.

11.8 Photo and Video Recording

- The photography  or video recording icon (with a timer)  is displayed in the upper right corner of the image area, below the status bar.
- If the available storage space is less than 500M, the insufficient storage icon  appears in the upper right corner of the image. It will disappear only when the storage space is cleared and exceeds 500M.
- If the available storage space is 0, when starting photography or video recording, the insufficient storage icon  will flash for 3 seconds, and a prompt "Storage full, unable to record video!" will appear in the center of the screen.

11.9 IoT Connection

- Enter the menu interface, select the IoT item, rotate the **menu button** to enable the IoT function, short press the **menu button** to confirm and return to the previous menu. The IoT icon in the status bar will change to  ;
- On the connected device, select this device as the target device for connection and enter the password: 12345678
- After the IoT connection is successful, the screen of the connected device will automatically display the image of this device.

11.10 Clip on mode

- Enter the main menu, select the clip on mode and turn on it. OR
- On the home screen, long press the photo button and the power button simultaneously to switch the device into the clip on mode. Clip-on mode has its own abbreviated menu.
- In clip-on mode, the IOTS should be mounted in front of a rifle scope.
- We recommend going no higher than 6x on any rifle scope used in clip-on mode as image performance will become unsatisfactory.

11.11 Clip on Zeroing

- Select a suitable target at the desired distance (e.g., a shooting target 50yards away).
- Refer to the Chapter 11.10 to switch the device into the **clip on mode**.
- Please mount the IOTS in front of your rifle sight, you can follow the installation instructions in Chapter 7 to fix the sight to the firearm.
- Ensure the firearm is unloaded, not chambered, and safe.
- Enter the menu screen, select the **Clip on Zeroing** item.
- On the **Clip on Zeroing** screen, the image freezes, and the coordinate positions (X-axis, Y-axis) of the reticle are displayed at the top of the screen. When you move the reticle, a white crosshair will appear on the screen to record the initial position of the reticle.
- Ensure firearm safety, load ammunition, aim at the set target and fire a shot, and observe the point of impact on the screen.
- If the point of impact does not match the reticle position, keep the aiming position unchanged and maintain the aiming posture.
- Move the reticle X/Y position until it overlaps with the point of impact. Long press the Menu button to save the current reticle position and return to the previous menu.
- Ensure firearm safety, load ammunition, aim at the set target, fire another shot, and observe whether the point of impact matches the reticle position.
- If it still does not match, repeat the above steps until the point of impact matches the reticle position.

12 MAIN MENU

- On the home screen, long press the **Menu button** to enter the main menu.
- Rotate the **Menu button** to switch menu items.
- Short press the **Menu button** to modify the parameters of the current menu or enter the subsequent parameter menu.
- On all menu interfaces, long press the **Menu button** to return to the previous menu interface.

Notes: If no operation is performed within 60 seconds on some menus, the device will automatically return to the home screen without saving parameter modification.

12.1 Menu Functions and Descriptions

Primary Menu

Contrast 	On the contrast menu, you can adjust the image contrast level: - There are ten levels available: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9 .
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	- The default contrast setting is 5.
Image Brightness 	On the image brightness menu, you can adjust the image brightness level. - There are ten levels available: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9. - The default brightness setting is 5.
Screen Brightness 	On the contrast menu, you can adjust the screen brightness level: - There are six levels available: Auto 1, 2, 3, 4, 5, 6, 7, 8, 9. Auto allows the screen brightness to adjust automatically. - The default brightness setting is Auto.
IoT 	On the IoT menu, you can turn on or off the IoT function. (ON/OFF)
Clip on 	On the clip on menu, you can switch to the clip on mode or not.(ON/OFF) - When switching to the clip on mode, the menu will add the Clip on Zeroing item. - On the Clip on Zeroing menu , you can choose the zero profile, A, B, or C, The default setting is A
Image Enhancement 	ON the image enhancement menu, you can turn on or off the Image Enhancement function. (ON/OFF)
Image Polarity 	On the image polarity menu, you can adjust the image polarity - There are five image polarities available, white hot, black hot, iron hot, red hot, and color. - The default setting is white hot.
Reticle 	On the reticle menu, you can adjust the reticle color, reticle type, and reticle brightness - There are four colors available: black, white, red, and green. - There are seven types available: 1, 2, 3, 4, 5, 6, 7 - There are five brightness levels available: 0, 1, 2, 3, 4, 5. 0 indicates not display the reticle. - The default brightness setting is red, type 5, and level 3.
Settings 	On the Setting menu, you can enter the Secondary Menu

Secondary Menu	
Recording 	On the Recording Menu, you can turn on or off the function.
Zero Profile 	On the Zero Profile, you can choose the Profile - There are three profiles available, A, B, or C - Each profile supports one zero distance - The default setting is A
Zero Settings 	On the Zeroing Settings, you can zero the IOTS. - You can only zero the sight with 1x magnification. - The default setting is 050yd.
Compass 	On the Compass menu, you can turn on or off the digital compass.
Compass Calibration 	On the Compass Calibration, you can calibrate the digital compass. - Follow the prompt to rotate the IOTS at least 360 degrees along the X, Y, and Z axes. - After 30 seconds, the calibration will conclude automatically and the system will return to the previous menu. - During the calibration process, the button cannot be operated.
Shutter Calibration 	On the calibration menu, you can choose the calibration mode: - There are two modes available, Auto, and Manual. - The default calibration setting is Auto.
Pixel Defect Correction	On the Pixel Defect Correction menu, you can correct defective pixels. - Auto: Correct defective pixels automatically. - X: Rotate the menu button to move the reticle left or right. - Y: Rotate the menu button to move the reticle up or down. - Add: Mark the defective pixel. - Save: Correct the defective pixels. - Cancel: Do not save pixel defect correction.
Unit 	On the Unit menu, you can choose the unit. - There are two units available, meter or yard. - The default unit setting is yard

Date 	On the date menu, you can set the date of the device. The format is XXXX-XX-XX-XX-XX (Year-Month-Day-Hour-Minute)
Format 	On the format menu, you can format the memory card. (YES/NO)
Factory Reset 	On the Factory Reset menu, you can choose to restore certain functions of the device to their factory default settings. (YES/NO) The following functions will be restored to their default parameters after finishing the reset:
Information 	On the System information menu, you can view the relevant information of the current device (device model, PN, SN, software version, hardware version).

13 ZEROING

It is recommended to carry out the zeroing operation within the range of operating temperature of the sight.

- Select a suitable target at the desired distance (e.g., a target 50yards away).
- Ensure the platform is unloaded, not chambered, and safe.
- Following the installation instructions in Chapter 7, fix the sight to the platform.
- Start the sight and adjust the relevant settings according to the operating instructions in Chapter 11.
- Select the **Zeroing setting**: Enter the **Zeroing menu** screen from the home screen.
- On the **Zeroing menu** screen, the image freezes, and the coordinate positions (X-axis, Y-axis) of the reticle are displayed at the top of the screen. When you move the reticle, a white crosshair will appear on the screen to record the initial position of the reticle.
- Aim at the set target, and observe the point of impact on the screen.
- If the point of impact does not match the reticle position, keep the aiming position unchanged and maintain the aiming posture.
- Move the reticle X/Y position until it overlaps with the point of impact. Long press the **Menu button** to save the current reticle position and return to the previous menu.
- Aim at the set target again, and observe whether the point of impact matches the reticle position.
- If it still does not match, repeat the above steps until the point of impact matches the reticle

position.

14 CONNECTING THE INFITAC APP

Download the INFITAC mobile app via the app store.

- Turn on the AP connection of the device. The WIFI hotspot name is IOP25-XXXX or IOL25-XXXX (XXXX is the last four digits of the device SN code), and the password is 12345678.
- Search the device's Wi-Fi settings, select the device's Wi-Fi name, enter the password(12345678), and then click connect.
- Start the INFITAC APP. Go to the Devices tab (at the bottom left of the screen). Click Add button on top right corner of the pages. Select IOTS Series and select your specific model.
- While connected, you can observe the image in real time through the INFITAC APP, and perform operations such as viewing, deleting, and downloading pictures or video files.
- You can set parameters and control the device through the APP (such as modifying configuration parameters, turning on or off recording, etc.).
- You can also update and upgrade the software system through the APP.

15 BUTTON CELL BATTERY WARNINGS

 WARNING	
INGESTION HAZARD: This product contains a button or coin battery. DEATH or serious injury can occur if ingested. - A swallowed button cell or coin battery can cause Internal Chemical Burns in as little as 2 hours. KEEP new and used batteries OUT OF REACH OF CHILDREN. Seek immediate medical attention if a battery is suspected to be swallowed or inserted inside any part of the body.	

- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- Even used batteries may cause severe injury or death.
- Call a local poison control center for treatment information.
- Compatible battery type MS621T. Nominal battery voltage 3.0V.
- Non-rechargeable batteries are not to be recharged.
- Do not force discharge, recharge, disassemble, heat above (manufacturer's specified temperature rating) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.

- The product contains a non-replaceable battery.

16 FCC REGULATIONS

FCC ID: 2BRRE-IOTST1

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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

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

CAUTION: Any changes or modifications to this device not expressly approved by INFITAC for compliance could void the user's authority to operate the equipment.

Radiation Exposure Statement

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. This device was tested for typical body-worn operations with the device kept 0mm from the body.

17 CLEANING & GENERAL CARE

The maintenance should be carried out at least twice a year and includes the following steps:

- Use a clean, soft, dry cotton cloth to wipe the external surfaces of the product's metal and

plastic parts, removing dust and dirt.

- Clean the electric contact and battery slots on the device using a non-greasy organic solvent.
- Check the glass surface of the eyepiece and lens. If necessary, clear off the dust and sand on the lens (it is perfect to use a non-contact method). Use a specialized wiping tool and solvent to clean the optical surfaces.
-

18 GENERAL TROUBLESHOOTING

The following table lists some potential issues when operating the device and their corresponding solutions. If you encounter these issues while using the product, please follow the suggestions and solutions in the table to troubleshoot and fix them. If the issue persists or an unlisted fault occurs that cannot be self-repaired, contact the supplier for factory repair immediately. You can also visit www.infitacusa.com for solutions to your product problems, or email us at support@infitacusa.com for more detailed information. Do not disassemble and repair it yourself or have it repaired by a third party not authorized by INFITAC, as this will void your product warranty.

No	Fault	Possible Causes	Solutions
1	The sight cannot be started.	The battery is out of charge.	Replace with a new battery.
2		Battery is inserted incorrectly.	Insert the battery correctly.
3	The device cannot be powered by using an external power supply.	The USB cable is damaged.	Replace the USB cable.
4		The external power supply is insufficient.	If necessary, check the external power supply.
5	Images are unclear or the background is not even.	Calibration is required.	Perform image calibration as per Chapter 11.5 .
6	The image is too dark.	The screen is not bright enough.	Adjust the screen brightness.
7	Reticle position shifts after using.	The sight is loose.	Check whether the sight is mounted firmly.
8	The icons are clear but the image is blurry.	The lens surface is dusted or iced.	Check the objective lens surface and wipe off dust or frost with a soft cloth. In cold weather, a special antifogging coating can be applied.

19 WARRANTY POLICY

Under normal use and maintenance conditions, if this product experiences performance

failure due to material, workmanship, or manufacturing issues within the warranty period, we promise to provide warranty service.

Our warranty follows the product. During the announced warranty period, at our sole discretion, INFITAC will repair or replace products found defective under normal use without charge, excluding any delivery costs, which will be born by purchaser. We will not be liable for incidental, consequential, or special damages arising out of or in any connection with the use or performance of this product.

Our warranty covers only normal use and does not include normal wear and tear of the device's appearance, theft, loss, intentional damage, any force majeure, or any situation arising from unexpected use. Visit www.infitacusa.com/pages/warranty-policy for the latest complete warranty information and other conditions.

20 TRADEMARKS



is trademark owned by INFITAC. For more details, visit www.infitacusa.com.

21 CONTACT US

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