

RFX



**THERMAL
IMAGING ATTACHMENT
NANO
SERIES**

User Manual V1.0

WARNING

PLEASE READ BEFORE USE

EN

- Inspect batteries for damage before charging. • Fully charge batteries before use. • Avoid pointing the device at the sun or high heat sources.
- Damage to the core sensor caused by improper handling is not covered under warranty.

DE

- Prüfen Sie die Batterien vor dem Laden auf Schäden. • Laden Sie die Batterien vor Gebrauch vollständig auf. • Vermeiden Sie es, das Gerät auf die Sonne oder Wärmequellen zu richten. • Schäden am Kernsensor aufgrund unsachgemäßer Handhabung sind nicht garantiert.

IT

- Ispezionare le batterie per eventuali danni prima di caricarle. • Caricare completamente le batterie prima dell'uso. • Evitare di puntare il dispositivo verso il sole o fonti di calore intense. • I danni al sensore centrale causati da manomissioni non sono coperti dalla garanzia.

FR

- Vérifiez les batteries pour détecter tout dommage avant de les charger.
- Chargez complètement les batteries avant utilisation. • Évitez de diriger l'appareil vers le soleil ou des sources de chaleur intenses. • Les dommages au capteur principal causés par une mauvaise manipulation ne sont pas couverts par la garantie.

ES

- Inspeccione las baterías en busca de daños antes de cargarlas. • Cargue completamente las baterías antes de usarlas. • Evite apuntar el dispositivo hacia el sol o fuentes de calor intensas. • Los daños al sensor principal causados por manipulación incorrecta no están cubiertos por la garantía.

CZ

- Před nabíjením zkontrolujte baterie na poškození. • Před použitím baterie úplně nabijte. • Vyhňte se zaměřování zařízení na slunce nebo zdroje vysokého tepla. • Poškození hlavního senzoru způsobené nesprávným zacházením není pokryto zárukou.

PL

- Przed ładowaniem sprawdź baterie pod kątem uszkodzeń. • W pełni naładuj baterie przed użyciem. • Unikaj celowania urządzeniem w słońce lub źródła silnego ciepła. • Uszkodzenia głównego czujnika spowodowane niewłaściwym użytkowaniem nie podlegają gwarancji.

SV

- Kontrollera batterierna för skador innan du laddar dem. • Ladda batterierna helt innan användning. • Undvik att rikta enheten mot solen eller starka värmekällor. • Skador på huvudsensorn orsakade av felaktig hantering omfattas inte av garantin.

HU

- Ellenőrizze a telepet sérülésre, mielőtt töltené. • Teljesen töltse fel a telepet használat előtt. • Ne irányítsa az eszközt a nap vagy nagy hőforrások felé. • A helytelen kezelésből eredő fő érzékelő károk nem tartoznak a garanciális fedezet alá.

PT

- Verifique as baterias quanto a danos antes de carregá-las. • Carregue completamente as baterias antes do uso. • Evite apontar o dispositivo para o sol ou fontes de calor intensas. • Danos ao sensor principal causados por manuseio incorreto não estão cobertos pela garantia.

01 PRODUCT FEATURES

- Compact: Most compact thermal imaging attachment, small and space-saving.
- Light: Designed to be lightweight and easy to carry.
- Sensor resolution: N6:640*512
- Display screen:1920*1080
- 18650 replaceable battery
- Clean interface with simple, intuitive operation

02 APP DESCRIPTION

For more features, please use RIX+ app.



As this product is an electronic device, it is recommended to read or download the latest manual on the RIX website or RIX+ app to obtain the most up-to-date product instructions.



RoHS

EN

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IT

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03 PRODUCT PARAMETER

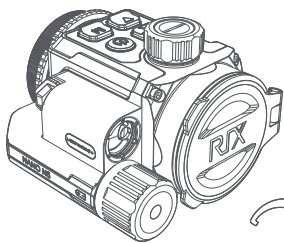
Model	NANO N6
Sensor	
Resolution, pixels	640×512
Pixel pitch, μm	12 μm
NETD, mK	≤15mK
Frame rate, Hz	50Hz
Optics	
Objective lens, mm	50mm , F1.0
Magnification, x	1x
Field of View (H×V) , °	8.8°×6.6°
Digital Zoom of monocular mode	1-4x
Exit pupil, mm	35mm
Eye relief, mm	20mm
Detection range, m/yd	2597m / 2840yd
Laser Rangefinder	
Max.measuring range,m	1500m
Wavelength,nm	905nm
Display	
Display	OLED 1920*1080

Model	NANO N6
Video Recorder	
Video / Photo Resolution, pixel	1408*1080
Video / Photo Format	.mp4/.jpg
Built-in Memory	64 GB
Environmental Characteristics	
Degree of Protection, IP code	IP67
Operating temperature range, °C/°F	-20 to +50°C/-4 to 122°F
Connections and Compatibilities	
Battery type	18650
Wi-Fi	Support
Operating time on battery pack (at t=25°C / 72°F), h	4h
External power supply, V	5V (Type-C USB)
Max Recoil Power on Rifled Weapon (Eo)	1000g / 6000J
Weight & Size	
Dimensions, mm/inch	L99.8×W90.8×H70.2mm/3.93×3.57×2.76inch
Weight, g/lb	< 440g/0.97lb

Tips

The results of operating time is tested at 25°C/72°F using RIX batteries. Battery life may vary based on temperature and usage conditions.

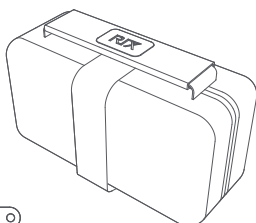
04 IN THE BOX



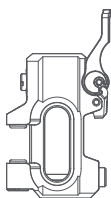
The NANO series
thermal imaging attachment x1



Wrench x1



Portable bag x1



Quick-Detach Flip-to-Side
Picatinny Mount x1 (select
models)



Product manual x1



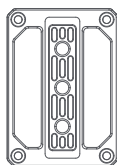
Battery fireproof bag x1



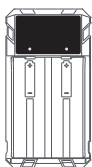
Type-C Cable x1



Lens Cloth x1



Heat Sink Base for QD
Flip-to-Side Picatinny
Mount x1 (select models)



Battery Charger x1



Thermal Target x10
(1 package)



Remote Control
Accessories x1



18650 Battery x2

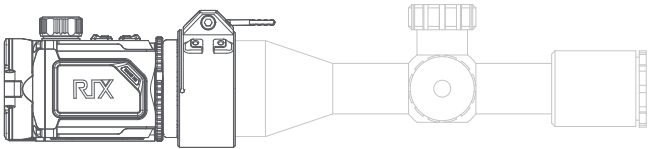
05 PRODUCT APPEARANCE



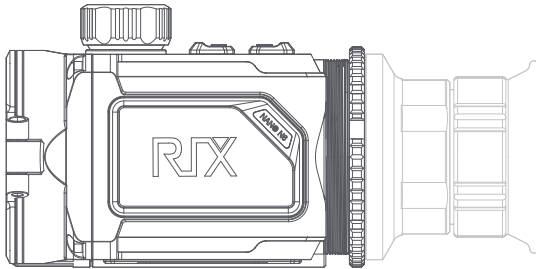
06 DEVICE MODES

The NANO series can be used as a front-mounted attachment with a daytime scope, or paired with a handheld eyepiece (available on the official website or at local dealers) to be used as a handheld monocular.

Clip-On Mode



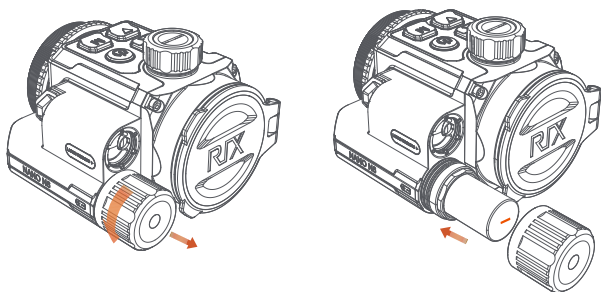
Monocular Mode



The eyepiece is available for purchase on the official website or through local dealers.

07 POWER SUPPLY

- The NANO series is powered by a 18650 replaceable battery
- When the NANO series is connected via Type-C, the device battery can be charged.
- Rotate the battery compartment cover until it is unscrewed.
- Install the battery into the compartment, positive (+) pole inward and negative (-) pole outward, as indicated by the symbols outside the battery compartment
- After inserting the battery, tighten the battery compartment cover.



Warning

- Please remove the battery if the device is not in use for a long time
- Do NOT power the device with a modified or damaged battery
- Do not use the battery at a temperature above 122 ° F as it may reduce the service life of battery

08 BUTTONS OPERATION

Shutdown



Press & Hold

Power on /off the device



Press

Enter / Exit standby

Home Screen



Press

Image correction



Press & Hold

Standby/Power off



Press

Open/Quit LRF



Press & Hold

UI zooming(clip-on)
Digital zoom(monocular)



Press

Switch image mode



Press & Hold

Enter the setting menu



Press

start/stop Video recording



Press & Hold

Take a photo

Setting menu



Press

Exit to main screen /
previous menu



Press & Hold

Exit to main screen /
previous menu



Press

Scroll up



Press

Adjust the parameters of a
function/Enter the next
menu level / Confirm the
current setting.



Press & Hold

Return to the home screen
with saving changes

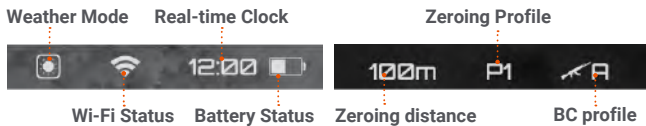


Press

Scroll/Down



09 STATUS BAR



10 SETTINGS MENU

On the home screen, press and hold the Menu button to open the main menu.

Icon	Function	Icon	Function
	Screen Brightness Image Contrast		RAV
	Sun/Rain		UI Auto Hide
	WiFi		Automatic Standby
	Zeroing		Usage Mode Selection
	Ref.Line		Pixel Defect Correction
	Ballistic Calculation		Info
	BC Profile		Settings

11 LEGAL AND REGULATORY INFORMATION

Environmental Influences

Never point the lens of the device directly at intense heat sources such as the sun or laser equipment. The objective lens and eyepiece can function as a burning glass and damage the interior components.

Risk Of Swallowing

Do not place this device in the hands of small children. Incorrect handling can cause small parts to come loose which may be swallowed.

Safety Instructions For Use

Handle the device with care: rough handling may damage the battery.

- Do not expose the device to fire or high temperatures.
- Install the batteries correctly according to the instruction on the device. Reverse connection is prohibited.
- The battery capacity decreases when operated in a cold ambient temperature. This is not a fault and occurs for technical reasons.
- Always store the device in a dry, well-ventilated space. For prolonged storage, remove the batteries.
- The recommended temperature for using this product is -20°C to $+50^{\circ}\text{C}$. Otherwise, it will affect the service life of the product.
- Do not store the device for long periods at temperatures below 20°C or above 50°C , or this will permanently reduce the capacity of the battery.
- If the device has been damaged or the battery is defective, send the device to our after-sales service for repair.

Wireless Transmitter Module Frequency Range

WLAN: 2.412-2.472GHz

ZIGBEE: 2.4-2.5 GHz

Wireless transmitter module power < 20dBm We,
Visir Inc. hereby declares that the radio equipment
types NANO are in compliance
with the Directives 2014/53/EU and 2011/65/EU.



User information on the disposal of electrical and electronic devices(private households)

2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info



Disposal of batteries

2023/1542 (Battery Regulation): This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see: www.recyclethis.info



Installing/Removing the battery

The NANO series uses a replaceable 18650 battery . Please refer to the section of "Battery Install" section for instructions on replacing the 18650 battery.

FCC Statement

FCC ID:2A7ZZ-NN00-00

Labeling Requirements

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.


Information To The User

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

EMC Class B

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.
- The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

⚠ WARNING	
<ul style="list-style-type: none">• INGESTION HAZARD: This product contains a button cell 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.	

- a) 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.
- b) Even used batteries may cause severe injury or death.
- c) Call a local poison control center for treatment information.
- d) Battery type: ML1220
- e) Nominal voltage: 3V
- f) Non-rechargeable batteries are not to be recharged.
- g) 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.
- h) The product contains a non-replaceable battery.

CLASS 1 LASER PRODUCT

Class 1 Consumer Laser Product

It is a Class I laser product that complies with 21 CFR 1040.10 and 1040.11 except for conformance with IEC 60825-1 & EN 50689.

Caution statement

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Laser Warning

NANO N6



LASER APERTURE





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