WAVE
INFRARED

Quick Start Guide

ATRIS V²

ADVANCED THERMAL RIFLE SCOPE

ATRIS 635 V²
ATRIS 650 V²
ATRIS 650 LRF V²

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YouTube

1 Getting Started

Components and Controls

1. Power Button
2. Media Button
3. Calibration and Control Button
4. Encoder / Encoder Button
5. Battery Cap and Housing
6. Target Focus Knob
7. Display Focus Ring (Diopter)
8. 30mm Tube
9. USB Type C Media Port
10. Eye Guard
11. Laser Activation Button
(LRF Modes Only)

2 Battery Installation

The ATRIS V² thermal scope offers an exceptionally long runtime. It operates on a single 26650 Lithium Ion battery that may be recharged hundreds of times before replacement is needed. These batteries are reasonably priced and commercially available should you need a replacement. To help you get started two batteries are included with your purchase as well as an appropriate charging cradle. Alternatively, users may also operate the device with a single 18650 Protected style battery with the use of the included plastic sleeve. The battery insertion is polarity specific and requires that the positive end be inserted first.

The ATRIS V² does support onboard charging although it is always recommended that the battery be removed from the device and charged in the cradle. Be sure to remove battery when storing the device.

3 Eyepiece Button Panel

1 **Power Button**
Quick Press: Standby Mode
Long Press: Turn On/Off

2 **Media Button**
Quick Press: Video On/Off
Long Press: Photo
Double Quick Press: Picture-In-Picture

3 **C Button**
Quick Press: Color Palette Selection
Long Press: NUC (Device Calibration)
Double Quick Press: Image Outline Mode

NOTE: The quick press and long press function for the Media Button and C Button may be reversed to suit user preference.

4 Top Target Focus Knob

The top focus knob should be rotated to achieve best view of target.

5 Diopter Adjustment Ring

Rotate the large ring on eyepiece to focus the display information (reticle, etc.) for your individual vision. Small ring is part of the housing and should not be adjusted. *The large ring shown in red for illustration purposes.*

6 The Encoder

The top turret of the ATRIS V² is a specially designed Encoder. It is used by turning the dial to a selected function and using the top button to perform a Quick Press or a Long Press. With a little practice you will soon master the Encoder. Adjacent are the most common functions.

Standard View (main menu not active)	Menu View (main menu active)
Rotation Clockwise: Digital Magnification Increase	**Rotation Clockwise:** Scroll Menu Options Down
Rotation Counter Clockwise: Digital Magnification Decrease	**Rotation Counter Clockwise:** Scroll Menu Options Up
Quick Press: Brightness Adjustment	**Quick Press:** Select Menu Item
Second Quick Press: Contrast Adjustment	
Long Press: Activates Full Menu	**Long Press:** Step Back / Close Menu

7 USB Type C Media Port

There is a USB Type C connector port on the rubber ring of the ATRIS V^2 eyepiece. This connection was designed to be used for media downloading, firmware updates, and external charging of the battery. Be sure to keep the port closure cap tightly sealed when not in use as this is essential for water resistance.

8 Laser Activation Button

The ATRIS V2 LRF Models are equipped with a powerful laser that can quickly determine the distance of targets and if desired present a ballistic shooting solution. To activate the laser, give the LRF button a single Quick Press. How the laser operates when the button is pressed is determined by which operating mode is currently selected, Scan or Ballistic. When in Scan mode the laser emitter will continue to operate until the device times out or is turned off by the user. When in Ballistic mode the laser will operate until a target distance is recorded for the ballistic calculator. To toggle between Scan and Ballistic mode Long Press the laser button. A visual confirmation will appear in the screen indicating current mode.

9 Supporting App (WAVE IR)

WAVE thermal imaging devices are supported by an App that is available free of charge on Google Play and the Apple App Store.

Enjoy live video streaming via WIFI. Operate the device and manage your media files directly from your phone.

Available on the App Store

GET IT ON Google Play

WAVE Infrared YouTube

Explore ATRIS V² demos and tutorials on our official WAVE Infrared YouTube channel.

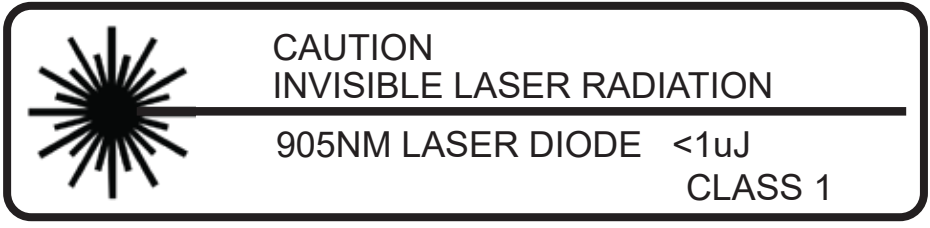
CAUTION

Do Not Use Bad or Expired Batteries in the Unit Any Time.

Use of damaged, corroded, or expired batteries may lead to thermal unit malfunction, internal circuitry failure, or battery leakage resulting in corrosion and irreparable damage. Only install batteries that meet the manufacturer's specified voltage and chemistry requirements. Inspect batteries prior to use and replace immediately if any signs of swelling, leakage, or damage are present. Improper battery use may also compromise user safety.

CAUTION

Class 1R Invisible Laser Radiation. Avoid Direct Eye Exposure.



The integrated laser module operation is activated and deactivated through the Kastel Switch. When activated, invisible laser radiation is emitted though the aperture closest to the unit label shown here. Avoid direct eye exposure to the invisible emission whenever ranging. The only and best visible conformation is the laser-active icon in the display and the associated range update. The laser output is eye-safe at short distance down range, but always use caution when using the laser range finder feature.

WARNING

Never Point at Sun or Other Hot Surfaces

Modern high sensitivity sensors produce stunning visual images but are susceptible to damage if exposed to the Sun or other high heat sources, e.g. campfires. Damage to the sensor created by this type of exposure is easily recognized and unrepairable.

Notice: Sensor damage from high heat exposure is a non-warrantable event.

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CALIFORNIA PROPOSITION 65

WARNING:
This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
For more information visit: www.p65Warnings.ca.gov

FCC ID: 2AL6KBL-M8723DS1
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.

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