



# NIGHTOPTIX™

## Aurora ALR905 - Advanced Laser Rangefinder

The Aurora-ALR905 is the all-in-one eye safe 905nm laser rangefinder (LRF) unit with enhanced capabilities featuring built-in GPS, Compass, Visible or IR Laser Pointer and IR illuminator. It is the ultimate tool for reconnaissance work, tactical surveillance, and engagement within any visible range. This versatile unit can be installed on any weapon or optical systems, and used for manned or unmanned remote-controlled aiming systems.

The low-profile and compact size of the Aurora-ALR905 allows easy mounting and free access to the controls of the unit without interference with other aiming systems. Aluminum-milled housing provides excellent structural rigidity, outstanding shock protection and IP67 rating.

The Aurora-ALR905 system can be used in combination with a wide variety of optical-electronic systems, including daytime sights, night vision, thermal imaging, and fusion devices. It displays ranging information and coordinates on the screen of all Nightoptix-made thermal and fusion systems. The Aurora-ALR905 performs the function of a ground target designator, which makes it a perfect day/night surveillance and fire control system for a whole unit.

The Aurora-ALR905 is ready to replace all discrete, single-function gadgets: all information is presented on one display to increase operator's efficiency. When combined with professional tools, it increases hit probability on the first attempt and facilitates the correction of next shots.

### KEY FEATURES:

- > For hand-held, optics and weapon mountable applications.
- > Can be paired with various optical-electronic systems.
- > 905nm LRF wavelength.
- > 1200m maximum ranging capability.
- > Rapid and continuous (uninterrupted) accurate measurements.
- > 128 x 64 OLED display with brightness adjustment .
- > Iron sights for hand-held aiming and ranging.
- > Synchronized compass, GPS and rangefinder.
- > Provides real-time positioning information for both the user and the target.
- > 3 memory slots for target distance measurements.
- > Measures distance between two targets.
- > Measures speed, heading direction and track angle.
- > Perfect for spotters, snipers, precision shooters.
- > Adjustable IR laser / Red or Green visible laser.
- > Variable IR illuminator (Detachable).
- > Compact and rugged all-aluminum housing.
- > Mounts on STANAG 4694 Picatinny rail / Weaver rails.
- > Optional remote control.
- > Compatible with the Kestrel 5 Series and ballistic calculators.

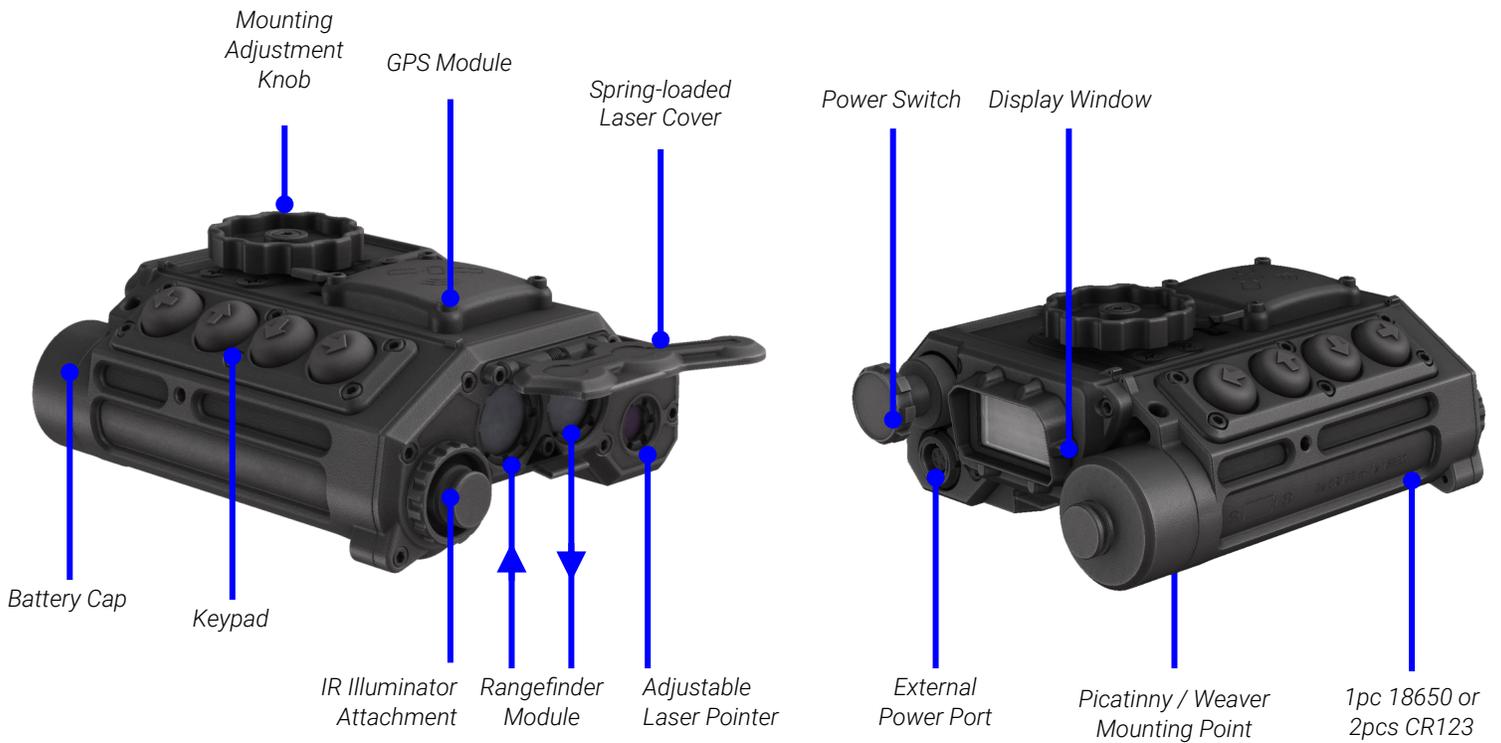




# NIGHTOPTIX™

## Aurora ALR905 - Advanced Laser Rangefinder

The Aurora-ALR905 is made for professionals who demand precision, accuracy, and reliability. It can be mounted linear to the firearm, day optics, electro-optical system or any other aiming device via Picatinny and Weaver rail. It can be powered and remote-controlled with a universal power port. The Built-in GPS module will display your location and precise target location based on the distance measurement.



The Aurora ALR905 is designed specifically for use with:

Precision Firearms



Day Optics



Thermal imagers



Night Vision Devices



Fusion Systems



DISCLAIMER. Technical description, certain optical-electronic-mechanical features of the product shown herein and/or some of its parts/components may not precisely represent the actual device and are subject to change without prior notice by the sole discretion of General Starlight Co., Inc. Mass of the product represents measurable weight of all components this product consists of, such as optics, mechanics, and electronics. Dimensions of the product represents measurable size of the body, including all optical components attached and in fully folded position. Dimensions of additions such as mounting brackets, eyecups, objective lens covers, and/or battery extensions may vary and therefore are not listed herein. Copyright © 1992-2024 General Starlight Co., Inc. Canada. All rights reserved.



# NIGHTOPTIX™

## Aurora ALR905 - Advanced Laser Rangefinder

TECHNICAL SPECIFICATIONS	
Ranging Capability	3m .. 1200m
Minimum Measuring Time	0.4s
Distance-To-Target Precision	Less than 1m
Distance Units	User-Selectable: Meters or Yards
Display Type	Integrated, Energy-Efficient, Digital (OLED), 0.96", Glare Protected
Compass	High Accuracy Magnetic and Gyro-Compass
Compatible Global Positioning Systems	GPS, GLONASS, Galileo, EGNOS
Precise GPS Location	Yes: Displayed in Degrees-Minutes-Seconds
Laser Safety Class	Class 1 (Eye Safe)
Laser Type	Default: IR Laser Optional: Red or Green Visible Laser
IR Illuminator	Variable 850 nm IR Illuminator (Detachable): Flood and Spot
Wavelength	Eye Safe 905nm
Performance to NATO Target (2.3x2.3m)	530m (30% Reflectivity)
Power Source	1pc 18650 or 2pcs CR123 or External Power Supply (4VDC .. 15VDC)*
Ranging Measurements / Battery Life	14,500 Events on 2pcs CR123
Dimensions	112x82x44 mm
Weight (without battery)	340 Grams
Mounting Interface	STANAG 4694 Picatinny Rail / Weaver Rail
Environmental Protection	IP67
Operating Temperature	-40°C .. +50°C
Storage Temperature	-50°C .. +60°C
Warranty	7 Years
Export	Available Worldwide

\* Batteries not included

### STANDARD EQUIPMENT: WHAT'S IN THE

1	Aurora ALR905 Unit
2	IR Illuminator Attachment
3	USB Power Cable
4	Cleaning Kit (3-in-1 Multi-Pen + Cleaning Cloth)
5	Soft Carrying Pouch
6	Hard Carrying Case
7	User Manual

### OPTIONAL EQUIPMENT

A	Remote Control
B	MVP-240 Universal Battery Pack