



## Stalker RLR | Long Range LIDAR

# Built simply for the real world.

*The Stalker RLR continues to set the standard for the smallest and lightest LIDAR in the industry while leading the way with superior range, fast target acquisition, and advanced tracking.*

*The Stalker RLR LIDAR's full-character LCD display and simple menu system make it the most user friendly laser on the market.*

*Track inbound vehicles as far away as 767 meters.*



- Small and Lightweight
- Fastest acquisition time
- Industry-leading range and accuracy
- Removable, high capacity, Li-Ion rechargeable battery cell
- IP 67, dust and water proof
- Speed **and** distance in Heads-Up Display
- Advanced Tracking with C-Thru Technology
- Optional Data Logging, Following-Too-Close, and Wireless technology
- Calibration expiration function

2 versions - Removable, high capacity Li-Ion rechargeable battery pack or a AA battery version - power for multiple shifts.



High powered optics. Polymer housing is impact, dust, and water proof.



**Small. Light. Powerful. Stalker.**



# STALKER®

## Power to Enforce.

The R-Series LIDAR solidifies Stalker's place at the head of the LIDAR pack. Weighing in at a mere 1.09 kg, with batteries, the R-Series is lighter than any comparable hand-held device on the market.

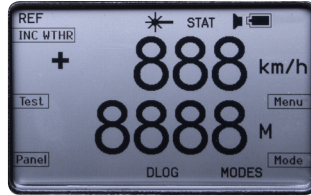
The RLR's Li-Ion battery pack snaps instantly into the pistol grip, provides power for at least two shifts, and withstands more than 500 charging cycles. Alternatively, the RLR AA uses six Alkaline or Ni-MH rechargeable AA batteries.

With an average target acquisition time of 1/3 of a second or less, and a range in excess 2,700 meters (on a tripod), there is not a more effective speed enforcement tool.



### Full-Character LCD Display

The Stalker RLR LIDAR's new full-character LCD display and simple menu system make it the most user friendly lidar on the market.



### Exclusive RLR Features:

#### ■ C-Thru Technology™

Stalker LIDAR RLR's C-Thru Technology™ enables the LIDAR to track targets despite the presence of trees, leaves, bushes, utility poles, and other obstructions between it and the target.

#### ■ Auto Obstruction Mode

Using C-Thru Technology™, the operator can take a position where previously – because of a fence, trees, signage, etc. – continuous tracking of a target was impossible.

#### ■ School Zone / Construction Zone Mode

The RLR can track vehicles only within an operator-defined area. The operator sets a far boundary and near boundary and the RLR will ignore vehicles outside of that zone.

#### ■ Inclement Weather / Obstruction Mode

The Inclement Weather/Obstruction Mode allows the unit to work in rain, snow, blowing dust, fog, as well as through fences, tree branches, etc.

#### ■ Anti-Jamming Capability

#### ■ Shoots Through Windshields

#### ■ Calibration Expiration Notice

#### ■ Wireless Connectivity

The RLR can connect with peripherals such as printers or speed display signs. It allows the RLR to connect to a PC for serial data transfers or use with the Data Logging feature.

#### ■ Data Logging

Capturing and logging speed and time data is as easy as releasing the trigger. Storing up to 3,000 data sets in non-volatile memory, the data is either captured automatically or only when accepted by the operator.

#### ■ Following-Too-Close

Easily set up. Taking readings of two vehicles in the same lane shows distance between the vehicles and separation time.



### Specifications

**Dimensions:** 23.1 cm Height, 12.7 cm Length, 10.9 cm Width

**Weight:** Including battery - 1.09 kg

**Housing:** High impact resistant polymer housing

**Ingress Protection:** IP67 dust and water proof

**Environmental:** -30° to 60°C, operating,  
-40° to 85°C, non-operating

**Humidity Protection:** 37°C, 90% Relative Humidity

**Battery Life:** Typically 500+ charge cycles

**Battery Charge:** Li-Ion battery: Approx. 2 - 3 shifts  
AA batteries: Approx. 2 shifts

**Type:** Handheld LIDAR offering Tracking mode, Single-Shot mode, and Time/Distance mode.

**Acquisition Time:** 0.33 second

**Nominal Range on moving targets**  
Minimum: - Range mode < 1.5 m  
Speed mode 15.2 m  
Normal: 700 m approaching Targets  
Maximum: > 762 m

**Range Accuracy:** ± 0.15 m \*

**Speed Measure:** 481 km/h (299 mph; 260 knots)

**Speed Accuracy:** ± 1 km/h (± 1 mph; ± 1 knots)

**Eye Safety:** CLASS 1M eyesafe

\* When the unit is in 0.1 (tenths) resolution

### 2 models to choose from:

**AA battery version**  
#200-1058-18



**Li-Ion battery pack**  
#200-1058-13



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