



# Stalker XLR | Long Range LIDAR



*The Stalker XLR is the smallest and lightest LIDAR in the Industry, with superior range, fast target acquisition and advanced tracking.*

*The Stalker X-Series LIDAR packs the industry's most advanced technology into the industry's smallest package. Plus, the new C-Thru Mode gives the unit the ability to track moving vehicles through obstructions, school and construction zones, and in the worst weather conditions.*



**UPGRADE**

**Fastest acquisition time**

**UPGRADE**

**Industry-leading range and accuracy**

**Small and lightweight**

**Ergonomic, water resistant design**

**Advanced Tracking**

**Removable, rechargeable battery handle.**

**Anti-jamming capability**

**SCHOOL**  
**Special purpose modes**

High powered optics. Polymer housing is impact and water resistant.



Removable, high capacity battery handle - power for several shifts.



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



StalkerRadar.com

# STALKER®

## Power to Enforce.



The Stalker X-Series LIDAR are the smallest and lightest hand-held, gun-type lasers on the market today. At a mere 2.3 lbs. including removable/rechargeable battery handle, the X-Series may be lightest of all the hand-helds, but it's no lightweight.

The new snap-in Li-Ion battery handle provides ample power to last two or more shifts. Plus, the battery can be expected to last through more than 500 charging cycles.

Target acquisition is 1/3 second. The X-Series Long Range (XLR) is the best choice for large moving targets as far as 9,500' away when using a tripod or additional support.



### Exclusive XLR Features:

#### ■ C-Thru Technology

Stalker LIDAR XLR'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.

### Advanced Features:

#### ■ School Zone / Construction Zone Mode

The X-Series can be set to track vehicles only within an operator-defined area, such as a school zone or construction zone. The operator sets a far boundary and near boundary and the X-Series will ignore vehicles outside of that zone.

#### ■ Inclement Weather / Obstruction Mode

The X-Series units have, as standard, a Inclement Weather/Obstruction Mode which allows the unit to work in rain, snow, blowing dust, fog, as well as through fences, tree branches, etc. This also increases the operating distance when using the X-Series LIDARs through the front windshield of the patrol car.

#### ■ Anti-Jamming Capability

The X-Series LIDARs now have software that not only detects but ignores jamming pulses and continues to provide accurate speed tracking. Jammers are being used without any worries about false or no readings.

#### ■ Shoots Through Windshields

In normal operation, the X-Series is unaffected when shooting through the windshield or side windows of the patrol vehicle.

### Optional Features:

#### ■ Wireless Connectivity - NEW

The XLR can connect with peripherals such as printers or speed display signs. In the client mode, it allows the XLR to connect to a PC for serial data transfers or use with the Data Logging feature.

#### ■ Data Logging - NEW

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 - NEW

Easily set up, the XLR automatically compensates for cosine error. Taking readings of two vehicles inside a 3-second window calculates the time a following vehicle will take to reach the current position of the car in front.

### Specifications

<b>Dimensions:</b>	8.9" Height, 4.7" Length, 4.7" Width (22.6 cm Height, 11.9 cm Length, 11.9 cm Width)
<b>Weight:</b>	Including Battery Handle - 2.3 lbs (1.04 kg)
<b>Housing:</b>	High impact resistant polymer housing
<b>Environmental:</b>	-22° to +140° F, operating (-30° to 60°C) -40° to +185° F, non-operating (-40° to 85°C)
<b>Humidity Protection:</b>	+99° F, (37°C) 90% Relative Humidity
<b>Battery Life:</b>	Typically 500+ charge cycles
<b>Battery Charge:</b>	Li-Ion battery: Approx. 2 - 3 shifts
<b>Type:</b>	Hand-held LIDAR offering Tracking mode, Single-Shot mode*, and Time/Distance mode.
<b>Acquisition Time:</b>	0.33 second
<b>Nominal Range on moving targets:</b>	Minimum: - Range mode <5' (<1.5 m) Speed mode 50 feet (15.2 m) Normal: 4,000+ feet (1,219 m) approaching vehicles Maximum: >9,500 feet (2,895 m) on large vehicles or stationary, reflective objects
<b>Range Accuracy:</b>	± 6" (± 15 cm **)
<b>Speed Measure:</b>	299 mph (481 km/h; 260 knots)
<b>Speed Accuracy:</b>	± 1 mph (± 1 km/h; ± 1 knots)
<b>Eye Safety:</b>	FDA/CDRH CLASS 1 Laser Device (U.S. Eyesafe); CLASS 1M Laser Product - complies with IEC 60825-1:2014 Ed. 3.0

\* Not available in North America

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

### Lowest Cost of Ownership

Stalker products are priced competitively and built to last. But should your X-Series LIDAR ever need repair, you can count on a fair price based on your LIDAR's specific needs, not a one-charge-fixes-all blanket price. That's what we mean when we say that Stalker has the lowest cost of ownership in the industry.

### Holsters



# STALKER®

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