



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.



- Small and Lightweight
- Fastest acquisition time
- Industry-leading range and accuracy
- Removable, high capacity, Li-Ion rechargeable battery handle
- Ergonomic, water resistant design
- Speed **and** distance in Heads-Up Display
- Advanced Tracking with C-Thru Technology
- Optional Data Logging, Following-Too-Close, and Bluetooth technology



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



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



Small. Light. Powerful. Stalker.



stalkerRadardar.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 targets as far as 4,000+ feet away.



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:

■ Bluetooth - 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

Dimensions:	8.9" Height, 4.7" Length, 4.7" Width (22.6 cm Height, 11.9 cm Length, 11.9 cm Width)
Weight:	Including Battery Handle - 2.3 lbs (1.04 kg)
Housing:	High impact resistant polymer housing
Environmental:	-22° to +140° F, operating (-30° to 60°C) -40° to +185° F, non-operating (-40° to 85°C)
Humidity Protection:	+99° F, (37°C) 90% Relative Humidity
Battery Life:	Typically 500+ charge cycles
Battery Charge:	Li-ion battery: Approx. 2 - 3 shifts
Type:	Handheld LIDAR offering Tracking mode, Single-Shot mode, and Time/Distance mode.
Acquisition Time:	1/3 second
Nominal Range	Minimum: - Range mode < 10' (< 3 m) Speed mode 50 feet (15.2 m) Normal: 2500 feet (762 m) approaching Targets Maximum: > 4,000 feet (1219 m)
Range Accuracy:	±6" (0.15 m)
Speed Measure:	1 mph to 299 mph (2 km/h to 481 km/h, 2 knots to 344 knots)
Speed Accuracy:	± 1 mph (± 1 km/h, ± 1 knots)
Eye Safety:	FDA/CDRH CLASS 1 Laser Device (Eyesafe)

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®

Power to Enforce.

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