



Stalker XS | X-Series Standard LIDAR



The Stalker XS is the smallest and lightest LIDAR in the industry, with fast target acquisition and advanced tracking for close-in urban settings.

The Stalker X-Series LIDAR packs the industry's most advanced technology into the industry's smallest and lightest package, but it's no lightweight.

Track moving vehicles automatically through obstructions, in school and construction zones, through windshields, and in the worst weather conditions.



UPGRADE

Fastest acquisition time

UPGRADE

Industry-leading range and accuracy

Small and lightweight

Ergonomic, water resistant design

Removable, rechargeable battery handle.

Anti-jamming capability

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 Standard (XS) is ideal for metropolitan and suburban departments.



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:	Hand-held LIDAR offering Tracking mode, Single-Shot mode*, and Time/Distance mode.
Acquisition Time:	0.33 second
Nominal Range on moving targets:	Minimum: - Range mode < 5 (< 1.5 m) Speed mode 50 feet (15.2 m) Maximum: 2,000 feet (610 m)
Range Accuracy:	± 6" (± 15 cm **)
Speed Measure:	299 mph (481 km/h; 260 knots)
Speed Accuracy:	± 1 mph (± 1 km/h; ± 1 knot)
Eye Safety:	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.

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.

Shoots Through Windshields

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

XS Standard Features:

Doppler-Type Audio Tracking

Since most laser operators also operate radar, the X-Series LIDARs generate a continuous Doppler-type audio tone which correlates to the target speed.

Removable High Capacity Battery Handle

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.

Holsters



STALKER®

Power to Enforce.

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