

DragonEye

Hand-Held Speed Enforcement LIDAR



DragonEye Advanced Hand-Held Speed Enforcement

DragonEye hand-held LIDAR is designed to be rugged, light-weight and easy to use. Using advanced anti-jamming technology and superior vehicle acquisition and tracking algorithms even at long ranges, both the Speed Lidar and Compact models are the perfect fit for your traffic monitoring and enforcement needs.

A sign of the future.™



DragonEye Speed Lidar

Features:

- True color heads-up display
- High resolution rear matrix display with auto-on backlight
- Shock resistant, floating optical bench structure with four point external rubber cushion
- Obstruction mode allows targeting through tree limbs, wires and fences.
- 6000 ft. range (1828 m)
- 24-32 hours of operations with 2 C-cell batteries.

DragonEye Compact

Features:

- Perfect balance of features, package size and performance
- Unique vertical grip and cushioned brow-pad eyepiece provides comfort and stable targeting.
- Weighs only one pound with batteries.
- Unity magnification heads-up display sighting system for rapid target acquisition and less eye strain.
- 3000 ft. range (914m)
- 16 hours of operation with 2 AA batteries



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Hand-Held Speed Enforcement LIDAR

Specifications:

	Speed Lidar	Compact
Weight:	2.5 lb (1.14 kg) with batteries	1 lb (455 grams) with batteries
Dimensions:	4.5 x 6.75 x 9.75 inches (11.4 x 17.1 x 24.8 cm)	7.35 x 5.41 x 2.32 inches (187 x 137 x 59 mm)
Acquisition Time:	1/3 Second	1/3 Second
Speed Accuracy:	+/- 1 MPH (+/- 2 km/h)	+/- 1 MPH (+/- 2 km/h)
Maximum Range:	6000 ft (1828 m)	3000 ft (914 m)
Minimum Range:	Speed Mode 50 ft (15 m) Range Mode 10 ft (3 m) Weather Mode 250 ft (76 m)	Speed Mode 50 ft (15 m) Range Mode 15 ft (5 m) Weather Mode 250 ft (76 m)
Speed Max/Min:	+/- 5 to 200 MPH (+/- 8 to 320 KPH)	+/- 5 to 200 MPH (+/- 8 to 320 KPH)
Speed Mode:	True, full time, continuous tracking history	True, full time, continuous tracking history
Dist. Accuracy:	+/- 0.5 ft (+/- 15.0 cm) one sigma	+/- 0.5 ft (+/- 15.0 cm) one sigma
Dist. Resolution:	0.1 ft (3.0 cm)	0.1 ft (3.0 cm)
Beam Width:	2.5 feet @ 1000 ft (2.5 mr)	2.5 feet @ 1000 ft (2.5 mr)
Laser Source:	Diode, 905 +/- 10 nm	Diode, 905 +/- 10 nm
Eye Safety:	FDA CDRH Class 1 (optional IEC 8025 Class 1 or Class 1M)	FDA CDRH Class 1
Temperature:	-22° F to +140° F (-30° C to +60° C)	-22° F to +140° F (-30° C to +60° C)
Environmental:	Waterproof IP67	Water Resistant
Power:	24 – 32 Hours of Operation (Alkaline C-cell), typical use	16 Hours of Operation Two AA; High Quality Alkaline or NiMH Rechargeable
Certification:	IACP, CE	IACP

About All Traffic Solutions:

All Traffic Solutions is the recognized leader in traffic calming devices and traffic safety equipment with equipment in all 50 states and over 20 other countries. We are the only manufacturer in the industry to offer 100% integrated cloud-based technology into our entire line of traffic calming signs and solutions that allow users to remotely manage their equipment from anywhere there is an internet connection.



Shield 12 Radar Speed Display



SpeedAlert 18 Radar Message Sign



SpeedAlert 24 Radar Message Sign mounted on ATS5 Trailer

866-366-6602 • alltrafficsolutions.com

3100 Research Drive, State College, PA 16801 • fax: 814-237-9006

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