

# DragonEye

# **COMPACT** SPEED LIDAR

Achieving the optimum balance of features, performance, package size and low cost, the new DragonEye **COMPACT** Speed Lidar provides pinpoint, laser accurate speeds on vehicles up to 3000 ft. (914 m) away. With its unique vertical grip, cushioned brow-pad eyepiece and standard 1:1 Head-Up display sight, the **COMPACT** provides hours of comfortable speed enforcement without eye or arm strain using just two standard AA batteries. With rapid acquisition algorithms and advanced anti-jamming, the DragonEye **COMPACT** proves there is no need to sacrifice critical performance features when selecting a low cost Lidar unit.



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# COMPACT SPEED LIDAR

## Key Features

- Superior vehicle acquisition and tracking algorithms with detailed accuracy checking routines.
- Unity magnification Head-Up Display sighting system for rapid target acquisition and less eye strain.
- Unique vertical handgrip with cushioned brow pad eyepiece yields comfortable and stable targeting.
- Compact, lightweight and easy stowage.
- High resolution side matrix display with auto-on backlight to easily reference the previous speed reading.
- Easy to use controls with dedicated brightness, volume and weather buttons.
- User selectable DOT or OVAL aiming reticle.
- Advanced anti-jamming allows speed readings while most guns are blanked or display error codes.
- Standard double AA alkaline or rechargeable batteries with quick change rubber battery cover.
- Extensive internal self test functions ensure continued accuracy.

## Specifications

Weight:	1 lb (455 grams) with batteries
Dimensions:	7.35 x 5.41 x 2.32 inches (187 x 137 x 59 mm)
Acquisition Time:	1/3 Second
Speed Accuracy:	+/- 1 MPH (+/- 2 km/h)
Maximum Range:	3000 ft (914 m)
Minimum Range:	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)
Speed Mode:	True, full time, continuous tracking history
Dist. Accuracy	+/- 0.5 ft (+/- 15.0 cm) one sigma
Dist. Resolution:	0.1 ft (3.0 cm)
Sighting:	Head Up Display , (no mag, true 1:1 imaging)
Beam Width:	2.5 feet @ 1000 ft (2.5mr)
Laser Source:	Diode, 905 +/- 10 nm
Eye Safety:	FDA CDRH Class 1 (optional IEC 8025 Class 1 or Class 1M)
Temperature:	-22° F to +140° F (-30° C to +60°C)
Environmental:	Water Resistant
Power Source:	Two AA; High Quality Alkaline or NiMH Rechargeable
Certification:	IACP