

The Anti Sniper Detector LAS-1000 is capable of detecting various passive optical and electro-optical devices such as binoculars, night vision devices, weapon sites, range poles, datum optical markers and leveling rods equipped with optical reflectors. Utilizing an eye-safe laser scanner, LAS-1000 detects lenses and reflectors in its line of site even if these objects are covered behind bushes, windows or windshields. Detector can be handheld or mounted on a tripod. An operator examines the area in the same way as it would be done with a common binoculars. When an optical reflector of any kind is detected, its position is marked with a red dot visible through the viewfinder of the LAS-1000. For added convenience, an audio signal can be activated. The detected object's distance from the detector is then measured, displayed and can be spoken.

The detector has two modes of operation: long range Field mode and detailed City mode. Additional viewfinder lighting can be activated at low light. Through a Picatinny mount the detector can be combined with night vision, thermal and other observational devices. The LAS-1000 may be effectively used to provide security to various objects and VIPs.



Optical

Laser type	910 nm
Optical object detection range	50 - 1,000 m
Distance measurement accuracy	±10 m
Target position measurement accuracy	0.1°x0.1°
Detection zone, horizontal x vertical	0.1°x1.8°
Scanning speed	up to 45° per second
Optical magnification	7x
Angular field of view	6°
Exit pupil	5.7 mm
Eye relief	22 mm
Diopter adjustment	±4

Environmental

Operating temperature range	-20...+50°C
Transportation temperature range	-40...+65°C
Environmental protection	Shockproof, waterproof

Mechanical

Power source	6xAA
Battery capacity	5 hours at 20±5°C
Dimensions	185x175x95 mm
Weight	2 kg