



**GENERAL DESCRIPTION**

SSDL-S-1200 is designed to detect and locate optical or opto-electronic scopes used by snipers and sight systems on the battlefield, sensitive areas or urban zone. It detects all optical systems aimed at the detector, often associated with an immediate threat (i.e. snipers) and its sensors will accurately localize a threat and perform target identification by spotting the laser reflected from the optical elements of the weapon's sights, using high definition daylight or infrared cameras.

SSDL-S-1200 is able to detect threats with a very high level of accuracy which makes it compatible with complementary fire control systems. It operates effectively at distances up to 1200 meters regardless of the principle of the targets operation (passive, active), the level of light and time of the day. The system can be used as a hand-held device or fitted on a fixed mount, on a tripod or on a vehicle. Images of video output may be post processed by a dedicated computer which automatically displays the distance and a view of the threat localization. It can be deployed as a Situational Awareness (SA) tool to oppose and counter sniper threats for: vehicle convoys, static observation locations and/or counter surveillance/counter-sniper use in high threat or targeted areas of interest.

**FEATURES**

- Detecting and ranging of optical devices with optical alarm
- Enhancing the speed and accuracy of shooting at a pointed optic
- Active scanning and searching with automatic display on a remote screen

**APPLICATIONS**

- Detection of laser systems of picking up information
- VIP security
- Detection of snipers
- Security of important locations and embassies
- Protection of borders and border territory
- Detection of covert video and photography
- Security of peace missions



**TECHNICAL SPECIFICATIONS**

**Operational Characteristics**

Maximum detection range	1200 m
Minimum viewing distance	3 m
Continuous operation	Battery: 1.5 hours AC mains: 3 hours
Field of View	Horizontally: 4° 30' Vertically: 3° 20'
Power consumption	13 Watt
Laser type	Diode laser array
Wavelength	880 nanometers

**Electrical Interface**

Power supply	Battery: 9 - 36 VDC AC mains: 100 - 240 VAC(50-60 Hz)
Video signal standard	CCIR

**Environmental Conditions**

Operating temperature	-10° C to +40° C
Storage temperature	-10° C to +40° C

**Mechanical Interface**

Dimensions	325 × 140 × 80 mm
Weight	2.3 kg