



01 / CAPABILITY OVERVIEW

LDWS-1

LDWS-1 laser detector and warning system



FIG 01 PRODUCT CONFIGURATION

0.4-1.6 μm

DIRECT DETECTION WAVELENGTH RANGE

-20 deg to +60 deg

DIRECT VERTICAL FIELD OF VIEW

**10x36 deg LED
horizontal; 1 deg
numerical**

DISPLAY RESOLUTION

**10 x 36 deg = 360
deg**

DIRECT RECEIVERS

01.1 / OVERVIEW

Vehicle laser warning system detecting direct and indirect irradiation from rangefinders, designators and beam riders, with audio and visual alarm outputs.

TYPE

Laser warning

PROCUREMENT AND COMPLIANCE

Supply is exclusively for government and institutional end-users. Availability is subject to destination screening, a state-issued export licence and a verified End-User Certificate.



02 / TECHNICAL SPECIFICATION

TECHNICAL DATA

LDWS-1 / TECHNICAL EQUIPMENT

PERFORMANCE

Direct detection wavelength range	0.4-1.6 um
Direct vertical field of view	-20 deg to +60 deg
Indirect detection wavelength range	0.4-1.6 um
Display resolution	10x36 deg LED horizontal; 1 deg numerical

INTERFACES AND OPERATION

Operating temperature	-30 deg C to +55 deg C
Power supply	24 VDC / 0.6 A or 12 VDC / 1.2 A

ADDITIONAL TECHNICAL DATA

Direct receivers	10 x 36 deg = 360 deg
Indirect receivers	1, 360 deg horizontal, -7 deg to -13 deg vertical
Irradiation source identification	Laser rangefinder, laser designator/illuminator, laser guided missiles
Memory	20 newest readings
Digital outputs	Alarm / countermeasures
Detector head	120x190 mm, 2.1 kg
Display	220x120x150 mm, 1.5 kg
Mounting pole	55x55x150 mm, 0.9 kg