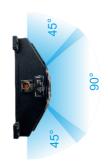


LW 1000 LASER DETECTOR SENSOR





- Laser detectors detect, classify and determine 24 different Laser code and frequencies of laser-guided antitank threats within 50 milliseconds. Besides, LW1000 can detect more than one threats simultaneously.
- It is safeguarded against false alarms such as sunlight, remote controller, hand laser as per NATO AEP 3733 standards. It has successfully passed high temperature, low temperature, high humidity, shock-vibration and EMI/EMC tests as per MIL STD 810H, MIL STD 461F and MIL STD 1275E standards.

TECHNICAL SPECIFICATIONS	
» Wave Length Range Band I	0.5 μm - 1.1 μm
» Wave Length Range Band II	1.1 μm - 1.65 μm
» Wave Length Range Band III	0.8 µm - 1.1 µm
» Wave Length Range Band IV	8-12 µm (optional)
» Response Time	Max. 500ms
» Threat Classification	Laser Distance Meter (LDM) Laser Target Designator (LTD) Laser Guidance Beam (LGB)
» Detection Possibility	LDM (Band I-II-III): %95 LTD (Band I-II-IV): %95 LGB (Band III-IV): %99
» Detection Sensitivity	10-20 (W/m²)
» Vertical Section Sight Range	(-20°) – (+ 70°)
» Total Azimuth Visual Angle	100° / Unit
» Communication System	Canbus (J-1939)
» Water and dust ingress protection	IP67
» Operating Temperature	-40°C / +60°C
» Storage Temperature	-55°C / +85°C
» Salt Fog Resistance	800 hours
» Laser Detection Resolution	± 1°
» Power Consumption	120 mA ±50 mA @24 VDC Nominal
» Weight	1.8 ±0.5 kg