Ares Fire and Safety Systems LLC

"When every second counts,
rely on the **product**
you can trust."

LASER WARNING SYSTEM LWS 2000

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Made In USA

LW-2000 LASER WARNING SYSTEM

Laser warning systems are vital for detecting missile, UAV, and sniper threats, providing early alerts during covert or remote attacks. These systems enable timely defensive actions, reducing risks to personnel and equipment. Their affordability and precision have made them indispensable in modern defense, with many nations utilizing them to counter laser-guided weapons.

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	90° / 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
Power Consumption	120 mA ±50 mA @24 VDC Nominal
Weight	1.8 ±0.5 kg

Deployment: Mountable on vehicles, personnel, and structures, these systems continuously monitor for laser markings.

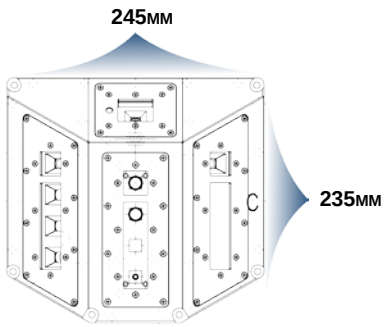
Early Warning: Detecting laser markings or threats, the system alerts users and nearby personnel, offering a **10-30 second** window to evacuate or reposition, minimizing casualties and damage.

Anti-Laser Smoke Technology: Developed by AFSS, this technology deploys smoke grenades to disrupt laser accuracy, reducing reflections by up to 96%.

Precise Location Information: With 15-degree sensitivity, the system enhances anti-drone, air defense, and radar efficacy, accurately locating ground threats for swift countermeasures.

General Threats Addressed: Snipers,Anti-Tank Missiles (ATGM),UAVs,Tanks,Vehicles with Automatic Weapon Stations,Grenade Launchers,Mortars

Laser Bands	LDM	LTD	LGB
Band I (0.5 µm - 1.1 µm)	+	+	
Band II (1.1 µm - 1.65 µm)	+	+	
Band III (0.8 µm - 1.1 µm)			+
Band IV (0.8 µm - 1.1 µm)	+	+	+



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