



## ALADEM-80 - Laser designation module

### LASER DESIGNATOR MODULE FOR AIR & GROUND OPTRONIC PAYLOADS

- MODULAR ARCHITECTURE
- VERY LOW ENERGY CONSUMPTION
- COMPLIANT WITH STANAG 4370 AND STANAG 3733



# ALADEM-80

## ON BOARD MODULE FOR LASER GUIDANCE

> **CILAS laser target designation technology has been in operation among many armies in the world for more than 20 years.** Based on such strong experience, CILAS has developed the ALADEM-80 for optronic payloads of helicopter pods, UAVs and land platforms.

> **ALADEM-80 relies on laser athermal technology to provide high performance**

Semi Active Laser guidance with very good consumption rate :

- no warm-up needed
- no power consuming cooling system
- very low residual power consumption in stand-by mode

> **ALADEM 80 is tailored to meet your requirements:**

- LEU and LTU are separated for optimal integration
- compliant with NATO or home-made codes
- LRF available as option
- additional separated command box: available on request

Technical data	
Output energy	> 80 mj
Operating temperature	-30°C to +70°C
Beam diameter	13 mm
Beam divergence	< 0.2 mrad
Pulse duration	< 20 ns
Power supply	< 3 W stand by; 65W firing
Range	up to 10 km
Mass	LTU < 1,5 kg LEU < 0.3 kg
Dimensions	270x88x54 mm 170x65x45 mm
Compliant with	MIL STD 810, MIL STD 461

### AS EXAMPLES OF SUCCESSFUL INTEGRATIONS, CILAS IS PROUD TO SEE ITS ALADEM-80 EMBEDDED:

- > on the PATROLLER UAV
- > on the GRIFFON VBMR - French SCORPION program

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