



ALADEM-80 - Laser designation module

PRECISION STRIKES

- > LASER DESIGNATOR MODULE FOR AIR & GROUND OPTRONIC PAYLOADS
- > ITAR COMPLIANT
- > QUALIFIED, DELIVERED & TESTED
- > HIGH PERFORMANCE & TOUGH
- > MODULAR ARCHITECTURE ON DEMAND
- > VERY LOW ENERGY CONSUMPTION
- > NATO AND NON-NATO LASER GUIDED WEAPONS
- > COMPLIANT WITH 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
- conduction cooling only
- low power consumption due to diode laser pumping

> ALADEM 80 is tailored to meet your requirements:

- LEU and LTU are separated for optimal integration
- compliant with NATO or home-made codes
- LCU qualified topilot laser for land platform and military environment

General parameters	
Weight	? kg
Operating Temperature	-40°C to +63°C
Storage Temperature	??
Designation parameters	
Output Energy	> 80 mJ
Beam Divergence	typ <0.2 mrad
Detection Range	> 10 km
Recognition Range	up to 5 km
Identification Range	3 km
Laser Range Finder parameters	
Distance	20 km
Extinction Rate	??

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

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

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