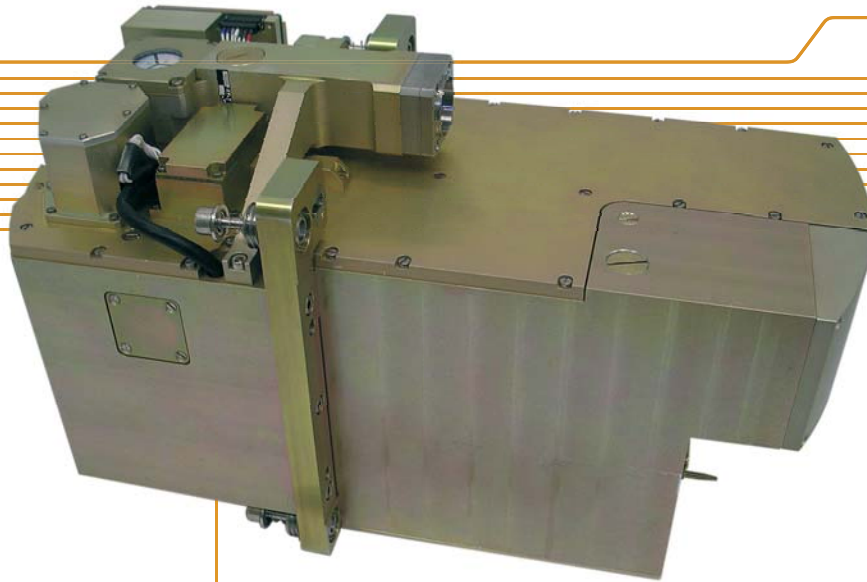


DHX 326

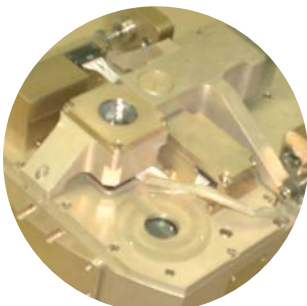


DHX 326

AIRBORNE LASER TARGET DESIGNATOR FOR LASER GUIDED WEAPONS

Airborne Laser Target Designator DHX 326 affiliates with LRF and LTD modular family (TIM) is a new bi-band LTD developed by CILAS for airborne application.

Ideally integrated in an airborne targeting POD and stabilized payloads, DHX 326 provides high precision guidance and long range laser designation for all types of lasers guided ammunitions conforming to STANAG 3733 (shells, missiles, laser guided bombs)



PRESENTATION

Compactness, reliability and efficiency have driven the cost effective conception of the DHX 326.

The DHX 326 includes different sub-assembly:

- 1 - The DHX 326 target designator is made from modular and common building block with LRF and LTD TIM family which integrates all necessary target illumination items.
- 2 - An eye safe range finder provides on a targeting POD accurate and long target distance.

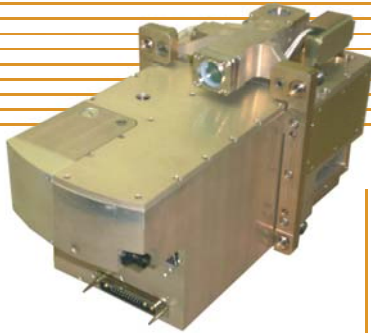
The DHX 326 low weight, low volume designator is intended to be used by mounted on a targeting POD or stabilized payloads. It can be integrated easily in a targeting POD or stabilized payloads and provides high precision guidance for all types of weapons with final laser guidance.

APPLICATION

The DHX 326 is an ideal laser target designator, precision and lightweight. The DHX 326 is designed to provide high precision guidance for all types of laser guided ammunitions.

Operational scenario is divided in 3 parts:

- 1 - Identification, tracking and target illumination, then code pre-selection.
- 2 - Possible coordination with Ground Target Laser Designator and with laser guided ammunition launcher.
- 3 - Target illumination up to ammunition impact.



DESIGN FEATURES

LASER

- Flash-pumped ND: YAG
- Q-Switched oscillators generates laser energy for target designation
- Crossed porro resonator optical layout
- The optical Parametric Oscillator generates eye- safe laser energy for target range finding
- All system components contained in a single high density unit
- Operating temperature: - 40° C to + 70° C
- Storage temperature: - 54° C to + 70° C
- Tested to MIL-STD-810 and MIL-STD 461

RELIABILITY

- Mean Time Between Failure (MTBF) more than 2500 h
- Storage life of more than 5 years

OPTICS

- Proven beam handling optics thoroughly tested to Meet military environments standards

Benefits

- Bi-band Laser Target Designator
- Extremely stable performances
- Long illumination duration
- Lightweight and easily integrated on a targeting POD
- High reliability

Status

Development



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MILITARY PROGRAMS

