

Litening™

Advanced Targeting Pod



Guarantee operational reliability - Ensure successful missions

Benefits

- A/G superior targeting capabilities by exceptionally long ranges of detection, recognition, and identification
- MWIR, SWIR, HD color sensors, utilizing multiple FOVs
- Multiple target tracking - stationary and dynamic, ground and aerial
- A/A superior detection and tracking schemes.
- Highly accurate target coordinates generation, supported by Image Processing advanced algorithms
- Full support of LGB, GPS-guided and other image related munitions
- Reduced pilot workload during targeting missions
- NTISR

Today's Most Widely Used Targeting Pod

Litening is a combat-proven multi-spectral airborne targeting and navigation pod, fully operational day and night and under adverse weather conditions. Known for their reliability, the Litening pods fly with more than twenty seven air forces worldwide and are integrated into more than twenty five types of aircraft.

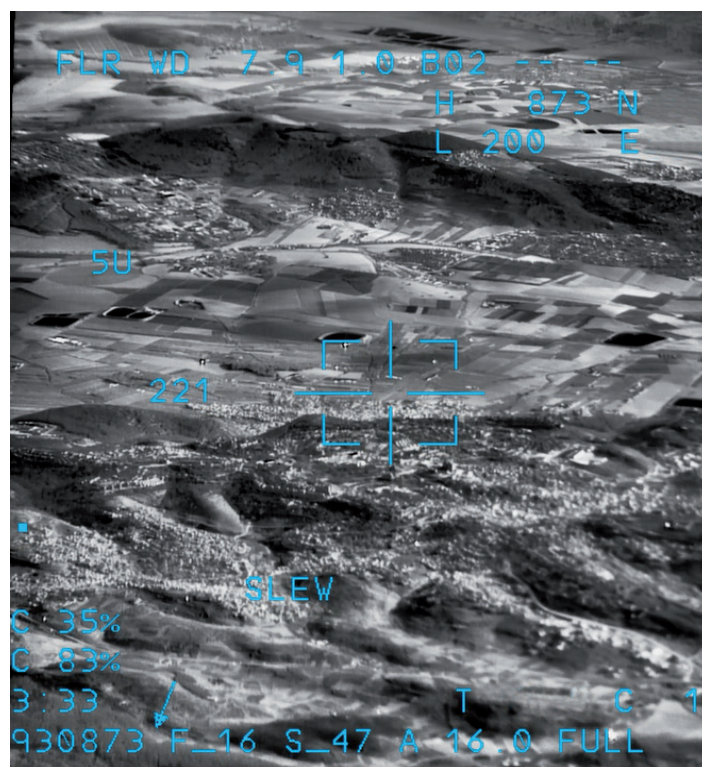
The pod incorporates all targeting features required by a modern strike fighter. Litening's high resolution sensors improve target identification, enhance recognition range and image quality, and consequently help avoid collateral damage. The Pod's images reduce pilot workload during targeting and tracking while providing the crew with the flexibility to perform multiple missions.

Ensures Successful Mission Completion

The pods have logged over 2,200,000 flying hours, more than two-thirds in contingency operations around the globe, with excellent availability. Litening's wide ranging capabilities include support of LGB, GPS-guided and other image related munitions, high precision strikes as well as battle damage assessment. It offers multiple target tracking, stationary and dynamic, ground and aerial. An exceptionally accurate target coordinates generation is achieved using advanced IP algorithms. Litening also features advanced weaponry detection. Litening is equipped with a laser designator, laser search and tracker and laser marker for joint missions. Litening is equipped with Data Link for CAS missions.



HD color



MFOV/FLIR

Technical Specifications

| | |
|----------------|--|
| Sensor (*) | 1K FLIR (MWIR), Long Range SWIR HD color |
| Pod Dimensions | |
| Length | 87" (220 cm) |
| Diameter | 16" (40.6 cm) |
| Weight | 480 lb (220 kg) |

* Sensor parameters vary according to configuration. Contact Rafael for details.

Features

- Modular design
- Internal extra space for implementation of additional features, including customer specific
- Open architecture for easy upgrades and adaptations

Flying with 27 Air Forces and on 25 Types of Aircraft

Litening precision targeting and long-range NTISR capabilities make it the most widely used targeting pod today, integrated into many types of aircraft including F-16, F-15, AV8B, F-18, F-4, F-5, A-10, B-52, Jaguar, LCA, AMX, Mirage 2000, Tornado, Typhoon, MiG21, MiG27, M346, KC390, Gripen, and Sukhoi 30. The pods are in use by many air forces worldwide, among them USA (USAF, ANG, AFRES, US Marines), UK, Australia, Netherlands, Israel, Italy, India, Thailand, Brazil, Romania, Greece, Denmark, Finland, Sweden, Germany, Chile, Portugal, Spain, Columbia, Hungary, Kazakhstan, Czech, and more.

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