



Litening™

Advanced Targeting Pod



Today's Most Widely-Used Targeting Pod

Litening is a combat-proven, multispectral airborne targeting and navigation pod, fully operational day and night and under adverse weather conditions.

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 pilot with the flexibility to perform multiple missions. Litening 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 features include stand-off, high-precision strike, and battle damage assessment (BDA) capabilities.

The pod offers multiple target tracking, including stationary and dynamic as well as ground and aerial targets.

Benefits

- A/G superior targeting capabilities by exceptionally long-range DRI
- Highly accurate target coordinate generation
- MWIR, SWIR, HD color sensors; multiple FOVs
- Multiple target tracking – stationary and dynamic, ground and aerial
- A/A superior detection and tracking schemes
- Processing of advanced algorithms
- Full support of LGB, GPS-guided, and other image-related munitions
- NTISR (Non-Traditional Intelligence Surveillance Reconnaissance)
- SANTA (Substantial Allocated Noted Target Assessment)
- CAS (Close Air Support) for ground troops
- Litening ground segment for mission deployment & debriefing (LDMS)



HD color



MWIR + SWIR

Operational with 28 Air Forces and on 26 Types of Aircraft

Litening's precision targeting and long-range NTISR capabilities make it today's most widely-used targeting pod, integrated with 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, Colombia, Hungary, Kazakhstan, Czech Republic, and more.

Technical Specifications

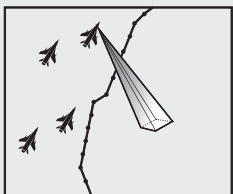
Sensor * 1K FLIR (MWIR),
Long Range SWIR
HD color

Pod Dimensions

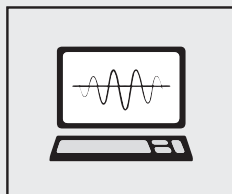
Length 87" (220 cm)
Diameter 16" (40.6 cm)
Weight 480 lb (220 kg)

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

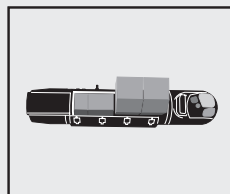
Advanced Capabilities



Stand-Off



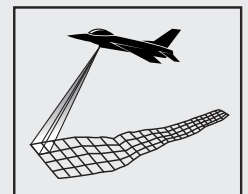
Computer Vision



Customer-Specific Needs



Accurate Target Coordinate Generation



NTISR

RAFAEL

AIR & C4ISR DIVISION

Tel: +(972)73-336-8503
Fax: +(972)73-336-6257
Email: c4isr_mkt@rafael.co.il

HQ Tel: +(972)73-335-4714

Fax: +(972)73-335-4657

Email: Intl-mkt@rafael.co.il www.rafael.co.il

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