

LITENING

Advanced Targeting Pod

LITENING is an electro-optical/infrared targeting pod that detects, acquires, identifies and tracks targets at extended ranges. LITENING enables a wide range of missions, including precision targeting, air superiority, close air support, surveillance and humanitarian assistance. The pod's modular design allows for upgrades over time, to keep pace with evolving mission needs.

Widening the aperture on targeting

LITENING Large Aperture is our most advanced targeting pod for your most complex missions. The newest upgrade to LITENING offers significantly increased range and resolution, enhanced air-to-air modes and new pilot workload reduction features. The three-aperture configuration allows for larger color daylight, mid-wave IR, short-wave IR and long-wave IR

sensors. With Large Aperture, LITENING covers a wider portion of the spectrum than ever before, leaving nowhere to hide.

LITENING Large Aperture offers a 50% increase in resolution and an operationally significant increase in range. Advanced video processing algorithms and a more powerful graphics processing unit further enhance image clarity to enable faster decision making.

A spectrum of data link options for today's networked battlespace

With LITENING's Plug-and-Play III data link architecture, the pod can be customized to include advanced data links and full mission-recording capabilities. The pod's digital architecture allows for increased on-board computing to host user-defined networking applications. LITENING supports secure, two-way communications in several frequency bands.

LITENING's leading technology

-  Digital, high-definition video in color, multiple infrared bands and B/W
-  Advanced picture-in-picture that displays up to three simultaneous views
-  Laser imaging sensors for more accurate identification that overcomes challenges to traditional infrared imaging
-  Plug-and-Play III two-way data links that communicate seamlessly with other aircraft and networked users
-  Modular design and upgradeability that provides a roadmap to long-term relevance
-  Eyesafe laser mode for realistic training of aircrews and combat controllers
-  Full sensor digital recording that stores data from all sensor inputs for post-mission analysis

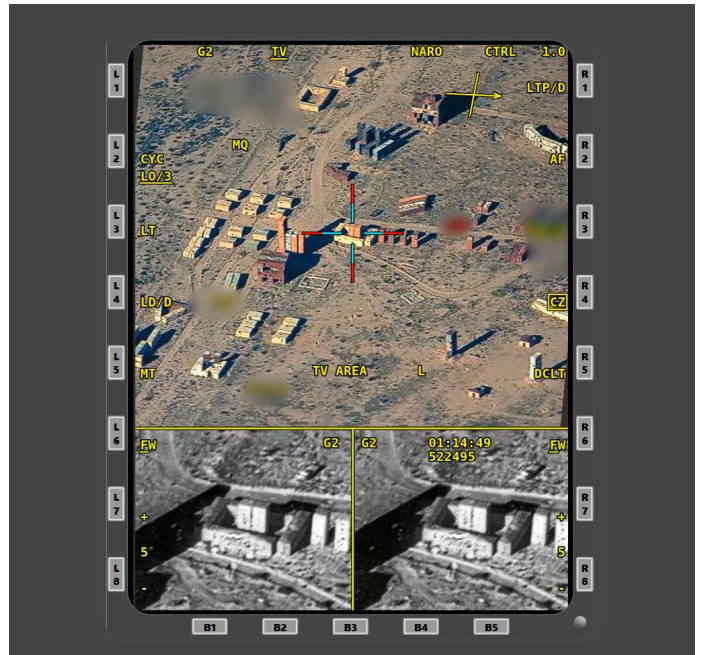


LITENING Large Aperture

LITENING's legendary 24/7 support

-  Online
-  On the phone
-  On site

LITENING support is available 24 hours a day, worldwide. However you contact Northrop Grumman, logistics professionals stand ready to maintain LITENING readiness. They're one reason LITENING has achieved an availability rate exceeding 97%.

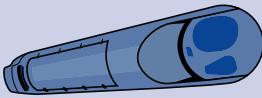


DASC (top), MWIR (bottom)

LITENING by the Numbers


97% availability

3.5 MILLION Total Hours


>920 pods delivered 

>1,000,000 deployed hours


AV-8B




A-10




F-15




F-16




F/A-18C/D




F/A-18E/F




B-52



C-130



MQ-9



For more information, please contact:
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