

## RecceLite XR™

24/7 Real Time, Standoff Theater Reconnaissance



### Multi spectral, multi role, real time standoff reconnaissance system

#### Benefits

- Suitable for use on a variety of Combat, Light, Heavy and UAV platforms
- Multi Spectral photography: NIR, SWIR, MWIR and Color VIS
- Long range photography as well as vertical and stand-in capability
- Unlimited field-of-regard
- Variety of scanning modes for different operational needs
- Video mode for target tracking and investigation
- Advanced real time interpretation tools

#### Operational Flexibility

The RecceLite pod collects high resolution images from different spectral bands of wide areas in long range or stand in.

Unlimited field-of-regard and a variety of scanning modes (such as: Persistent wide area scanning, Gate keeping, Line search, Mapping, 3D modeling) enable a qualitative solution for a variety of operational challenges such as: Counter IED, HLS, Disaster relief and Maritime patrol.

The mission plan can be carried out via automatic operation or can be manually controlled for targets of opportunity.

The operator can override the RecceLite pod and operate it manually.

#### Real-Time Intelligence

The RecceLite concept is completely innovative and is changing the way in which reconnaissance can be carried out.

RecceLite simultaneously collects high resolution MWIR, SWIR, NIR and Visual color digital images within a very wide field of regard. The images and the data annotation are recorded on board and transmitted to the GES (Ground Exploitation System) via RecceLite wide-band digital data link for real time interpretation.

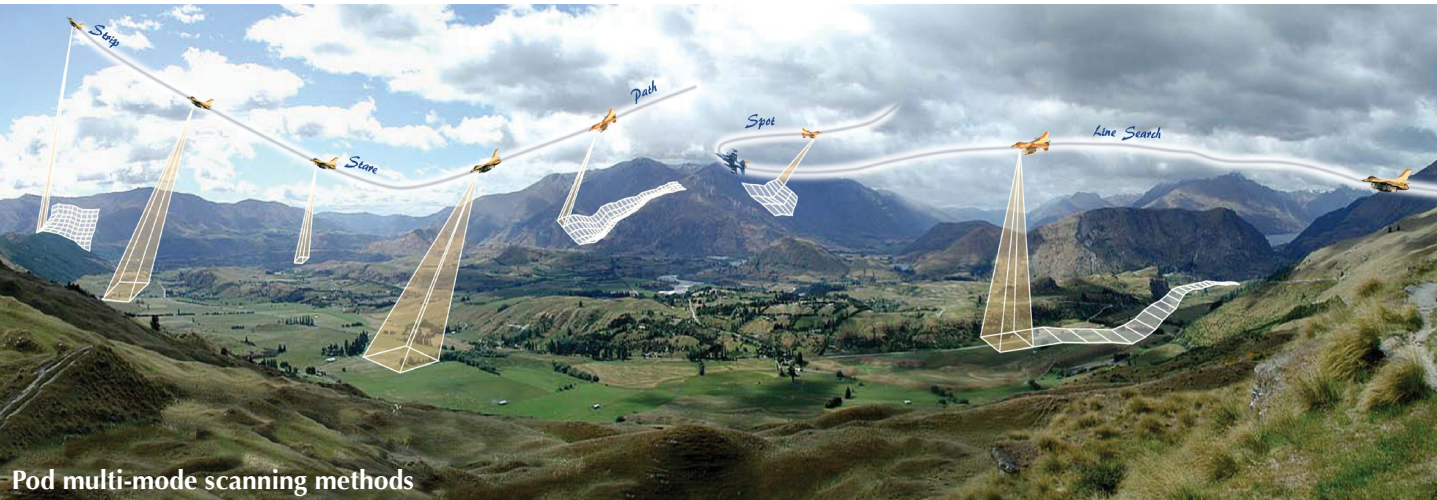
#### GES

The mission plan is uploaded to the pod prior to takeoff or uplinked during flight.

Smart archiving enables retrieving relevant data for change detection and infrastructure analysis. Real-time automated computer vision algorithms upgrade interpreter capabilities and speed up exploitation.

GES can be implemented in three different configurations: stationary, mobile and on board the aircraft.



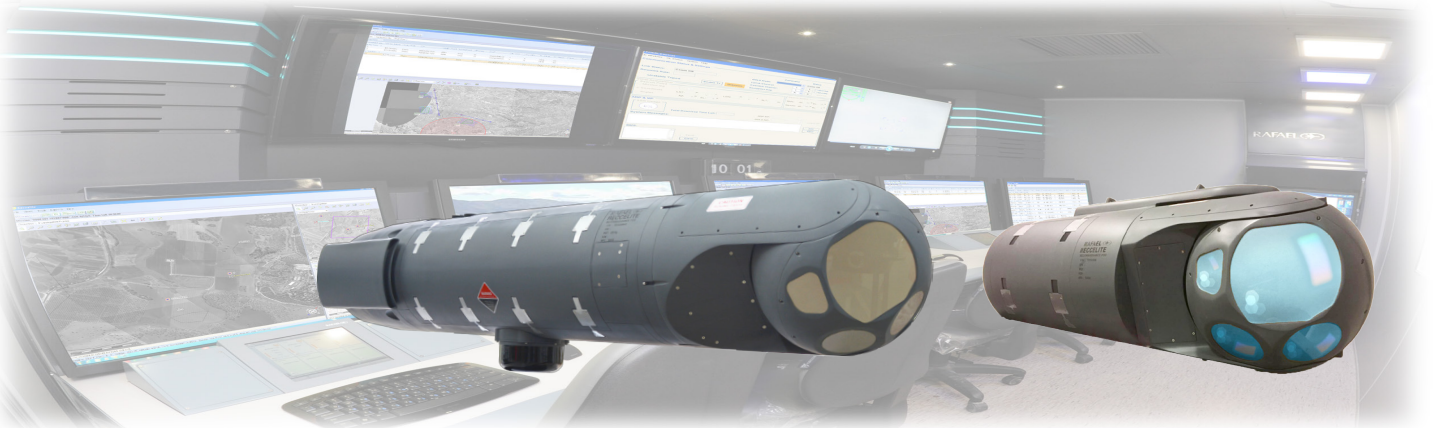


Pod multi-mode scanning methods



RecceLite has been integrated onto a variety of aircraft including F-16, F-18, Jaguar, AMX, Tornado, Typhoon, Gripen, Heron 1 and Reaper. The RecceLite system is in use by air forces worldwide, among them Netherlands, Israel, Italy, India, Brazil, Germany, Chile, Spain, Columbia and Mexico.

The pod has two configurations, Combat configuration for large and fast platforms and Light configuration for small platforms.



Pod Specifications

	Combat Pod	Light Pod
Length	220 cm (87")	116 cm (45")
Diameter	40.6 cm (16")	40.6 cm (16")
Weight	200 kg (440 lbs)	100 kg (220 lbs)

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