



POP 1000

Multi-Sensor Electro-Optic Payload





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GENERAL

POP 1000 is a leading multi sensor electro optical payload developed by IAI, delivering ITAR free, combat proven performance for airborne, land and maritime platforms. Integrating HD thermal, SWIR, and daylight sensors into a single stabilized LRU, POP 1000 combines advanced sensor technology, precise stabilization, and sophisticated image processing. As part of IAI's combat-proven POP EO/IR family, with over 1,000 units deployed worldwide, POP 1000 excels in long range reconnaissance and surveillance missions.

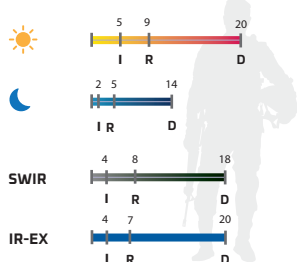
HIGHLIGHTS

- Compact 12 inch form factor optimized for SWaP
- 4 axis stabilization for high image quality in dynamic environments
- Automatic video tracking
- Laser designator and eye safe range finder
- Advanced image processing (AI supported)
- SWIR capability for degraded visibility conditions
- Integrated INS for accurate geo referencing
- Picture-in-picture for enhanced situational awareness

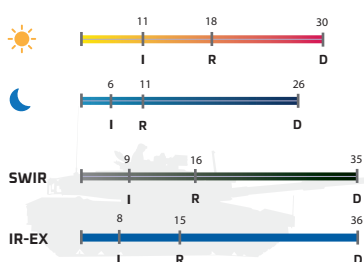


LAND - Height 0.5 km

MAN

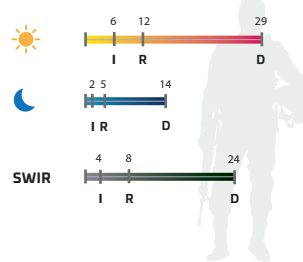


NATO

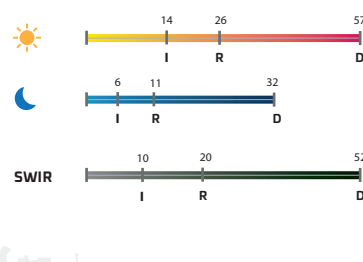


AIR - Height 9 km

MAN



NATO



SPECIFICATIONS	FLIR	DAY	SWIR
Resolution	1280 X 1024	Full HD / 4K / SD Optional	1280 X 1024/ 512 / 640
HFOV	2.5° - 37.5°	0.82° - 1.6°, 1.5° - 52°	0.75°, 1.5°
Dimensions	Diameter ~12"		
Height/ Installation Height	< 370 mm		
Weight	~25 kg		

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