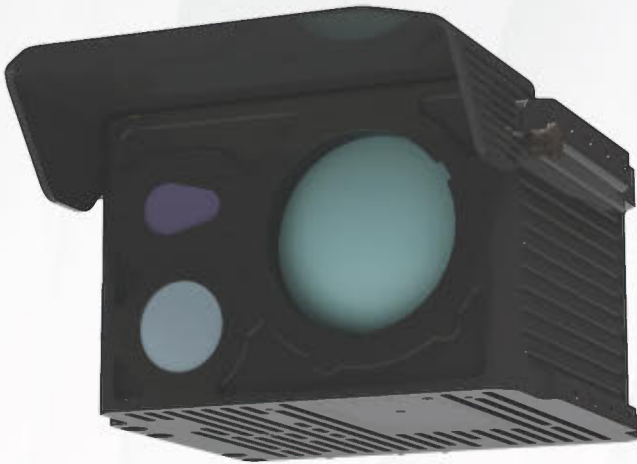


TEOPS

ELECTRO-OPTICAL SYSTEMS

WEAPON STATION UNCOOLED ELECTRO-OPTICAL SUITE



FEATURES

- Customized Electro-Optical Systems
- Different Imaging Channel Options (Visible, SWIR, MWIR, LWIR)
- Optics, Sensors and LRF Selection Depending on Range Requirements
- Design According to Military Standards
- Single Interface to Control All Channels

SPECIFICATION	VALUE
VISIBLE CHANNEL	
Resolution	1920 x 1080
Zoom	30x
INFRARED CHANNEL	
Wavelength	8-14 μm (LWIR)
Resolution	640 x 512
Pixel Pitch	12 μm /
NETD (20°C BB, %35 WF)	25 mK
Zoom	6x
Detection Range(NATO)	8.9 km
Recognition Range (NATO)	2.9 km
Identification Range (NATO)	1.9 km
LASER RANGE FINDER	
Laser Type	1.5 μm (Class I)
Maximum Range	7 km (6 km NATO Target)
Resolution	± 1 m
INTERFACES	
Communication	Ethernet
Image Output	Ethernet
Image Processing Options	Field correction, bad pixel replacement, non-uniformity correction, image compression,
ENVIRONMENTAL CONDITIONS	
Operating Temperature	-20 °C ... +55 °C
Storage Temperature	-40 °C ... +70 °C
Shock	25 g 11 ms
SWAP	
Weight	9.5 kg
Size	181x138x127 mm
Power	25 W nominal, 50 W maximum

