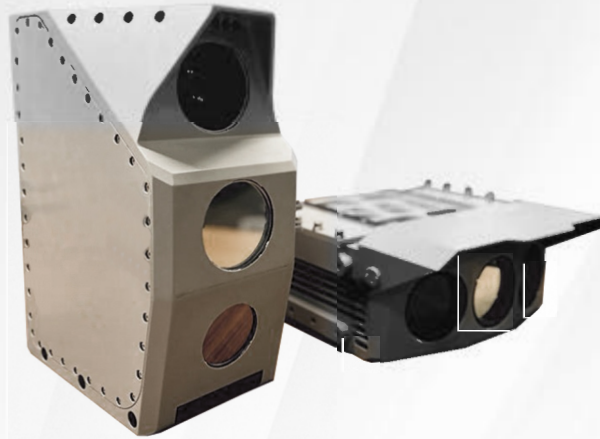


TEOPS

ELECTRO-OPTICAL SYSTEMS

WEAPON STATION 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	1280 x 720
Zoom	30x
INFRARED CHANNEL	
Wavelength	3.7-4.8 μm (MWIR)
Resolution	640 x 512
Pixel Pitch	15 μm
NETD (20°C BB, %35 WF)	25 mK
Zoom	14x
Detection Range (NATO)	14.9 km
Recognition Range (NATO)	5.2 km
Identification Range (NATO)	3.4 km
LASER RANGE FINDER	
Laser Type	1.5 μm (Class I)
Maximum Range	12 km (6 km NATO Target)
Resolution	± 1 m
INTERFACES	
Communication	Ethernet
Image Output	Ethernet / HD-SDI / HDMI
Image Processing Options	Field correction, bad pixel replacement, non-uniformity correction, image compression, target detection, target tracking
ENVIRONMENTAL CONDITIONS	
Operating Temperature	-20 °C ... +55 °C
Storage Temperature	-40 °C ... +70 °C
Shock	25 g 11 ms
SWAP	
Weight	8.5 kg
Size	320x280x205 mm
Power	30 W nominal, 60 W maximum

