

LONG RANGE OBSERVATION, SURVEILLANCE & RECONNAISSANCE SYSTEM

GIRAFFE 520

Cooled Thermal Long Range System

Powerful observation system for extremely long distances

Integrates day, thermal and additional systems on stabilized Pan-Tilt

Designed for harsh weather conditions & rugged environments



Picture for illustration only

FEATURES

- Designed for border management, coastal security, port and harbor protection
- Developed for long range intelligence, surveillance & reconnaissance (ISR) activities
- Includes a 'Cooled' thermal imager for greater sensitivity and high quality imaging
- Modular and 'open frame' system which can be tailored to customer requirements
- Military grade system built for harsh weather conditions and rugged environments

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TECHNICAL SPECIFICATIONS

GIRAFFE 520	SPECIFICATIONS
Day Camera	
Type	1/3" CCD
Total Pixels	1280 x 720
Optical Zoom	X33 motorized
Lens	10mm - 330mm HD
FOV	WFOV 34.9° / NFOV 1.1°
Thermal Camera	
Type	Cooled System
ZOOM	Continuous Zoom X18
Spectral Range	3 – 5 μm
Pixel Size	15μ
Resolution	640x512
Lens	520mm
FOV	WFOV: 18.0° NFOV: 1.0°
Laser Range Finder (LRF)	
LRF Range	Up to 7km
LRF Accuracy	±5m
Beam Divergence	1 mrad
Measuring Rate	1 Hz
Operation Wavelength	1550 nm
Eyesafe	Class 1
Pan-Tilt	
Operational Angle (Pan)	n X 360°
Operational Angle (Tilt)	-90° to +90°
Pan Speed	Up to 48°/sec
Tilt Speed	Up to 48°/sec
General	
Video Output	Digital
Tracking capability	Optional
Communication	LAN
Power	12-30 VDC
Weight	~50kg
Operating Temperature	-30°C to +60°C
Compliance	IP67, designed to meet MIL-STD-461E & MIL-STD-810F

specifications are subject to change without prior notice