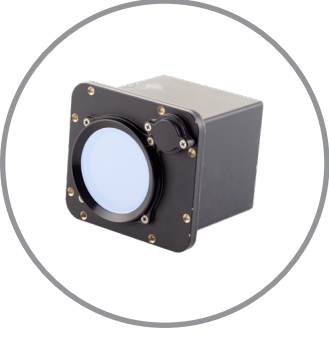# İRİS-100
MISSILE WARNING SYSTEM

İRİS-100
MISSILE WARNING SYSTEM

Area of Use
- Warning against IR guided missile threats.
- Suitable for air plarforms
- Field Tested, Combat Proven

General Specifications
- Detection of the exhaust plume of the approaching missile in "Solar Blind" UV Band-Low clutter effects
- High Sensitivity- Long Range Detection
- Threat Declaration and Tracking from the missile launch phase
- Visual and Audio Threat declaration to the Pilot
- High Probability of Threat declaration
- High Angle of Arrival Accuracy
- Simultaneous detection, tracking and declaration of multi threads
- Short threat declaration time to allow enough time for countermeasure activation
- Low False alarm rate
- System configuration alternatives with 4-6 sensors, spherical coverage with 6 sensors
- High MTBF

Technical Specifications

Spectral Wavelength	Solar Blind UV	
Field of View	4 Sensors	±45° Elevation X 360° Azimuth
	6 Sensor	Full Spherical
Angular Resolution	DIRCM Compatible	
Communication Interface	MIL-STD-1553 / RS-422	
Weight	< 2 kg	
Power Consumption	< 14W (per LRU)	
Cooling Requirements	None	

Environmental Specifications
Operating Temperature : -40°C / +71°C (MIL-STD-810E)
Storage Temperature   : -55°C / +85°C (MIL-STD-810E)

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