

ERICA PLUS HD

HIGH DEFINITION LONG RANGE THERMAL IMAGER



Delivering high resolution and high sensitivity image clarity at all times, whatever the conditions, is at the heart of the company's Electro-Optics (EO) systems. ERICA Plus HD is an advanced thermal imager providing high definition passive infrared imaging for day and night scenarios, in low visibility conditions for land, air and sea operations.

The imager uses a MWIR Mercury Cadmium Telluride FALCON detector with a 12 μ m pitch coupled with our latest generation of advanced processing electronics and an optical continuous zoom with very narrow FOV step zoom objective.

APPLICATIONS

- Airborne gimbals
- Mast mounted systems
- Primary and secondary sights
- Naval surveillance and tracking systems.

KEY BENEFITS

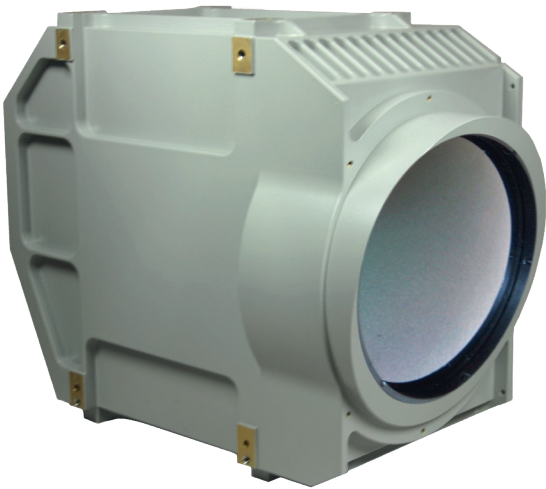
- Compact, lightweight, high performance, thermal imager
- Wide thermal dynamic range
- Designed for easy integration
- Digital Video Processing with GLACE (proprietary Local Contrast Enhancement)
- Minimal support requirements.

FEATURES

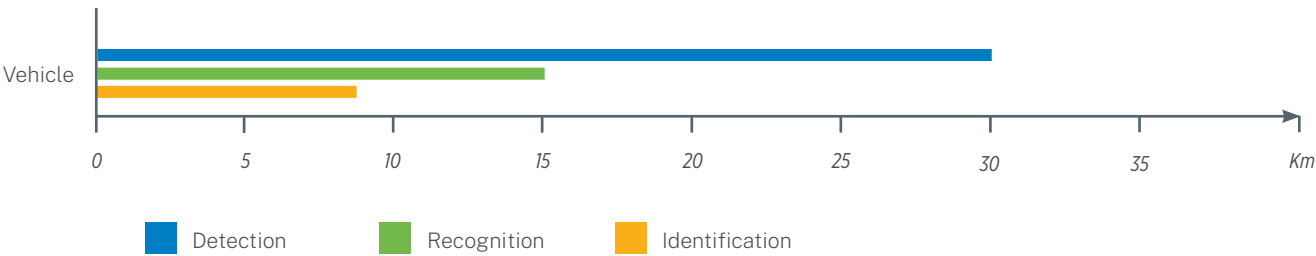
- Designed to withstand extreme conditions
- Autofocus
- Multiple communications interface
- Colour text and graphics overlays
- Auto-calibration
- GLACE (proprietary Local Contrast Enhancement)

TECHNICAL SPECIFICATIONS

• Power supply	Voltage 28 VDC (18-36 VDC) Consumption < 30 watt Standard MIL STD 704D
• Video output	HD-SDI 720p
• Detector	Midwave Infrared 3.7µm-5.0µm Staring Focal Plane Array 1280x720 CMT Pitch 12µm
• Digital zoom	Continuous up to 4
• Sensitivity	Better than 25mK
• Built-In Test Equipment	
• Operating temperature	-32°C to +55°C
• Field of View (FOV)	1.5 to 30.3 continuous zoom
• Weight	<6kg
• Dimensions (W x L x D)	254mm x 151mm x 241mm



RANGE PERFORMANCE

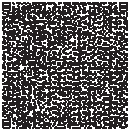


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