

ERICA FF

HIGH PERFORMANCE FULL FORMAT THERMAL IMAGER



Delivering high resolution and high sensitivity image clarity at all times and whatever the conditions is at the heart of the company's Electro-Optics (EO) systems.

ERICA FF is a cooled Staring Focal Plane Array step zoom thermal imaging core providing high resolution passive infrared imaging for day and night scenarios, in low visibility conditions for land, air and sea operations.

The imager uses an infrared HAWK MWIR detector coupled with our latest generation advanced processing electronics and 2 FOV step zoom objectives.

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
- Minimal support requirements
- Digital Video Processing with GLACE (proprietary Local Contrast Enhancement).

TECHNICAL SPECIFICATIONS

Parameters

- Power Supply
- Video output
- Detector
- Digital Zoom
- Sensitivity

Characteristics

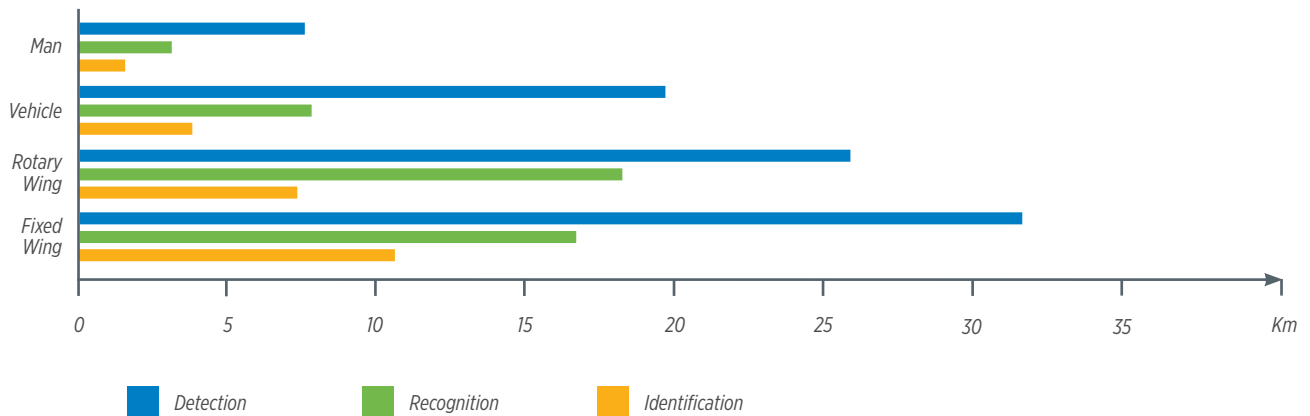
Voltage 28 VDC (18-36 VDC)
 Consumption < 30 watt
 Standard MIL STD 1275D
 CCIR or LVDS SERIAL
 Midwave Infrared, 3.7-5.0µm
 Staring Focal Plane Array (640x512), CMT
 Pitch 16 µm
 2x, 4x
 Better than 15 mK

Built-In Test Equipment

- Operating Temperature -32°C to +55°C
- Field of View (FOV) Wide FOV 8° x 10°
Narrow FOV 1.9° x 2.4°
- Weight 2.6Kg
- Dimensions 258 mm (L) x 140 mm (W) x 105 mm (H)



RANGE PERFORMANCE (ACTUAL TARGETS)



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MM008818 10-23



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