



ERICA MS - HIGH PERFORMANCE MAN PORTABLE THERMAL IMAGER

ERICA MS is a compact, high performance, low consumption man portable thermal imager based on a 3rd generation Staring Focal plane Array which provides high resolution passive infrared images in day, night and poor visibility for land applications.

ERICA MS is designed to be integrated on the most missile launcher for anti-tank applications and can operate in very severe environmental conditions. The light weight (less than 6 kg) and the compact size permit easy transportability. No auxiliary display and external power supply are needed and the remotization of the Man Machine Interface (MMI), allows an optimum ergonomics.

The imager utilises a SELEX GALILEO OspreY-C (328x288) MWIR detector (LWIR option) coupled with SELEX GALILEO latest generation of advanced image processing electronics and two FOV objective.

KEY BENEFITS

- High performance MWIR (LWIR option) 3rd generation imaging core;
- Lightweight, compact, high performance MWIR (LWIR option) 3rd generation imager;
- Flexible architecture with remote MMI;
- Monocular OLED display (option bi ocular);
- Multi standard video output and flexible control interface;
- Low power consumption and high autonomy;
- Easy installation interface.

FEATURES

- Programmable configuration;
- Auto or manual gain and offset;
- Autofocus;
- High performance dynamic scene compression;
- High level 2X and 4X e-zoom;
- Auto calibration at startup;
- Programmable Man Machine Interface;
- On scene NUC;
- Image stabilisation, derotation;
- Selectable spatial or temporal filter;
- Optional microscan.

ERICA MS - High Performance Man Portable Thermal Imager

TECHNICAL SPECIFICATIONS

Sensitivity:	10 mK Typical
Power consumption:	< 20 watts operating
Weight:	< 5,5 kg
Video output:	Analog (8bit): CCIR, NTSC, VGA Digital (14 bit): LVDS SERIAL
Operating waveband:	Midwave Infrared, 3-5 μ m Longwave Infrared, 8-12 μ m (option)
Power Supply:	external 28 VDC (18-36 VDC) high performance rechargeable batteries
Operating temperature:	-30°C to +55°C
User Control:	Ergonomic and detachable command interface. RS232 / RS422