

ELOP Micro Coral

Ultra lightweight cooled thermal hand-held camera



For day/night medium range observation with built-in recording (video & Pics) capabilities.

Micro Coral is one of the smallest and lightweight cooled devices with intention to provide tactical teams with short/medium range observation capabilities, built-in operation recording (stills & video) and optional "See Spot". The device is designed for single-hand operation and very long battery life. The Micro Coral is a must for any basic tactical team operating day or night in any weather condition.

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Main Features

- A small ultra-lightweight (1.65Kg) unit for high mobility
- Optimized for single hand operation
- Cooled MWIR thermal imager for Medium-range performance
- Continuous X7 electronically operated optical zoom with an extra x4 digital zoom
- Electronically-controlled focus, Image Stabilization.
- High resolution, monocular, fully adjustable OLED viewer
- Cooling time <4.5 minutes, Operating time >10 hours
- Video streaming H.264
- Recording capability up to 15 hours and 1000 pics
- Optional Optical X2/X3 MagnifierApplications

Applications

- Special forces
- Collaboration with designator (See Spot option only)
- Tactical teams
- Covert surveillance



Technical Data

Thermal Imager

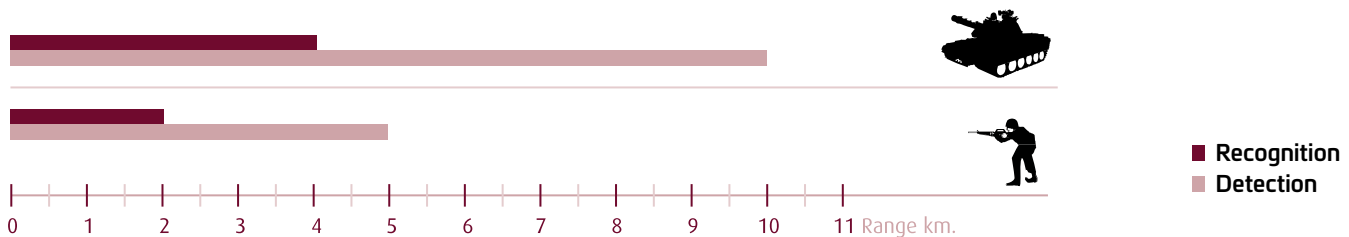
- Spectral band
MWIR
- MWIR IR Detector (XBn)
384x288 elements
SWFOV 512x384 elements
Continuous optical zoom x7
NFOV < 2.0°
WFOV > 14.0°
SWFOV > 18.5°
E-zoom x1.5, X2
Optional Optical X2/X3 Magnifier
- Fields of View (FOV) Horizontal
High quality monocular eyepiece
Diopter fully adjustable
(+2 to -6 diopter) light
concealing rubber eyecups
- Eyepiece

Interfaces

- Video out
CCIR, H.264
- Communication
RS422, Ethernet 10/100 Mhz
- External Power
7-16V
- Mounting
Tripod or Mast
- Operating time
> 10 hrs. (one battery)
- Power sources
Rechargeable battery or external power
- Weight
<1,650g, incl. Battery)
- Environmental conditions
IAW MIL-STD-810F
- Operating Temperature
-20°C to +55°C

Range Performance

Thermal Channel



Elbit Systems Ltd.

Advanced Technology Center, P.O.B 539, Haifa 31053, Israel

E-mail: istar@elbitsystems.com www.elbitsystems.com

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