

ELECTRONICS & DEFENSE

NEW PRODUCT



JIM COMPACT

LIGHTWEIGHT & LONG-RANGE
MULTIFUNCTION BINOCULARS

2KG OF UNMATCHED CAPABILITIES

- 24/7 Observation & Target location
- See Spot
- Multimedia & Connectivity

JIM COMPACT

Lightweight & Long-Range Multifunction Binoculars

Based on the success of the JIM LR, operational feedback from users, and a continuous improvement approach, Safran Electronics & Defense has developed the JIM Compact, a lightweight, multifunctional, long-range binocular system that provides operators with top-end situational awareness and advanced connectivity in the battlefield.

Fully-integrated in a less than 2kg (4.4 lbs. - including battery) unit, JIM Compact meets the most demanding expectations of dismounted operators - including Size, Weight, and Power (SWaP).



24/7 OBSERVATION & TARGET LOCATION

3 observation channels: - Thermal
- Color Day
- Low Light Level

True North-finding with Sterna



SEE SPOT

Visualization of laser pointers & designators

MULTIMEDIA & CONNECTIVITY

Image / Video storage & streaming
Fast data Hand Over
Standard & legacy interfaces

Technical specifications

Weight: < 2.0 kg including battery

Cooled Thermal Channel (MWIR)

- Field of view: WFOV: 13.5° - NFOV: 4.5°
- Sensor resolution: VGA 640 x 480
- Cooldown time: < 3 min

Color Day Channel

- WFOV: 13.5° - NFOV: 4.5°
- 15 Megapixels

Low Light Level Channel

- WFOV: 6.2° - NFOV: 4.5°

Other Features

- Eye safe laser rangefinder: > 12 km
- DMC, inclinometers & embedded GPS
- Laser Pointer

Advanced Image Processing

- Image stabilization
- Continuous eZoom x1-x4
- Multi Mode Image Fusion

Power

- Rechargeable COTS battery
- Autonomy: > 4h

Interfaces

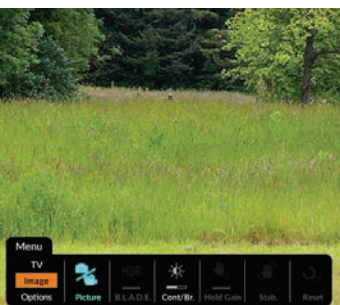
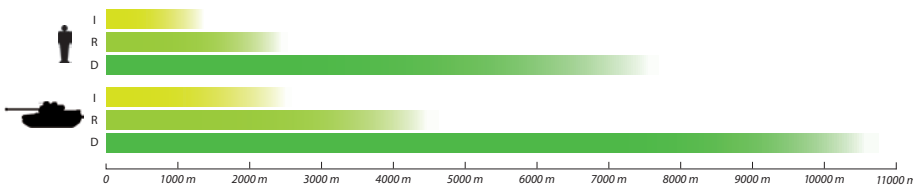
- Video output: LAN streaming, PAL analog
- Remote control: RS 422, Ethernet, USB
- DAGR/PLGR RS232
- Bluetooth/WiFi (option)

Environmental

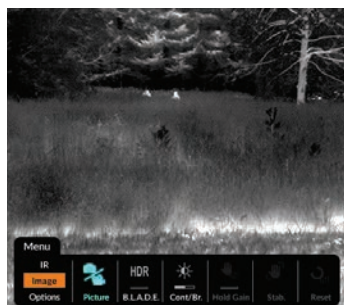
- MIL-STD 810 & MIL-STD 461

JIM Compact day/thermal ranges

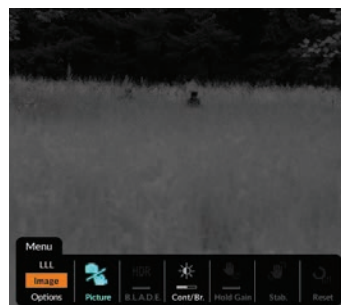
I = Identification
R = Recognition
D = Detection



Color day channel



Thermal channel



Low Light Level channel



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