THE FARVIEW HAND-HELD THERMAL IMAGER

- Day & night passive operation
- Optical zoom 2.5°-15° with autofocus
- Image stabilisation
- Image and video capture, mission reporting
- 3-5 μm spectral band

Applications
- Border & Coastal Surveillance
- Critical infrastructures
- Law Enforcement, Police
- Anti-terrorism
- Special operations
- Dismounted soldier (section leaders)
- Search & rescue

SOPHIE-ZS
Hand-Held Thermal Imager With Continuous Optical Zoom
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With more than 12,000 Sophie cameras in operation in 55 countries, Thales is extending the capability of the Sophie family with a new thermal imager dedicated to long range surveillance.

A high quality optical zoom provides a wide field of view allowing detection in urban environments at short range, through to identification at long range with precise image continuity. In addition, it integrates an ergonomic Human-Machine Interface (HMI) and new communications which facilitate mission reporting.

As a world leader in the design of thermal imagers, Thales has incorporated in this camera the most recent infrared and optical technologies to deliver the optimum solution for surveillance applications.

TECHNICAL CHARACTERISTICS

Spectral band: MWIR (3 - 5 μm)

Field of View (FoV):
- Wide FoV: 15° x 11.2°
- Narrow FoV: 2.5° x 1.9°
- Continuous zoom: x6
- Magnification: 2.1x to 12.8x
- Electronic zoom: 2x

Image resolution: 384 x 288
Thermal sensitivity (NETD): Typical 30 mK
Weight: 2.4 kg
Size: 310 mm x 250 mm x 110 mm

Video output: HDMI
Power supply: 9 VDC
Battery life: 7 to 8 hours with a single battery
Images and Video capture: 1,000 photos, 2 Go
Remote control:
- RS-422 serial datalink / ethernet datalink / USB
- Cooling: Integrated micro-cooler, rotative stirling
- Cooldown time: Typical 3 min 30

Temperature range: Operating: -32 °C to +55 °C

LOGISTIC SUPPORT

- On-line embedded maintenance
- RFID management capability
- Integrated webservice / http protocol
- Passive RFID Tag

ACCESSORIES

- Tactical bag
- Logistic container
- Tripod (Pan & Tilt)
- Integrated hand held display / remote control box
- POP6
- Data and video cables
- Rechargeable batteries
- Battery chargers
- AC or DC converters