

SHARPEYE

HAND HELD ELECTRO-OPTIC SENSOR
SYSTEM

COMBAT PROVEN DESIGN

COMPACT AND RUGGED DESIGN

MIL-STD-810G QUALIFIED

HIGH RESOLUTION MID-WAVE SENSOR

CONTINUOUS ZOOM (IR AND DAY)

INTEGRATED LRF, DMC AND GPS





SHARPEYE

HAND HELD ELECTRO-OPTIC SENSOR SYSTEM

Applications

- Border Surveillance
- Reconnaissance
- Fire Support
- Situational Awareness
- Special Forces
- Law Enforcement

Main Features

- Motorized focus, FOV and zoom adjustment
- Automatic image optimization and image enhancement
- Coordinates of target are calculated in real time
- Easy battery change
- Shuttered eyecups
- High resolution OLED display

Optional Accessories

- Pirate Head Mounted Display
- Motorized Pan-Tilt
- Remote Control Unit
- 1.5x Magnifier Objective

Standard Accessories

- Tripod with Manual Adjustment Unit
- External Video Cable
- Rechargeable Batteries
- Battery Charger
- External AC/DC Adaptor
- Eyecup
- Lens Cover
- Optical Cleaning Kit
- Carrying Case
- Transportation Case

Technical Specifications

Thermal Imager

- Sensor : 640 x 512 MWIR (3-5 μ m)
- Cool-down Time : < 7 min.
- Field of View : WFOV : 16.8° x 13.5°
: MFOV : 6° x 4,8°
: NFOV : 2° x 1.6°
: Continuous from NFOV to WFOV
- E-zoom : x2

Laser Range Finder

- Class 1, Eye safe : 1.54 μ m
- Range : Up to 20 km
- Accuracy : \pm 5m rms

Color TV

- Sensor : 1/4" Color CCD
- Field of View : WFOV : 16.8° x 12.6°
: MFOV : 6° x 4,5°
: NFOV : 2° x 1.5°
: Continuous from NFOV to WFOV
- E-zoom : X12

Digital Magnetic Compass

- Accuracy : 1° rms

GPS

- Accuracy : 15 rms

Physical

- Weight : \leq 3,9 kg (with Battery)
- Battery Life : \geq 4,5 hours
- Dimensions : 275 mm x 270 mm x 125 mm

Environmental Conditions

- Operating Temperature : -30°C to +55°C
- Storage Temperature : -40°C to +65°C
- Environmental Spec : MIL-STD-810 G