

VAN CAT

FUSION HAND-HELD CAMERA

THERMAL-NIGHT VISION IMAGE FUSION
ENHANCED BACKGROUND IMAGE
IMPROVED SITUATIONAL AWARENESS
WIDE FIELD-OF-VIEW





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FUSION HAND-HELD CAMERA

Applications

- Situational Awareness
- Surveillance and Reconnaissance
- Search and Rescue

Main Features

- Thermal-Night Vision Image Fusion
- Integrated Image/Video Capture
- High Resolution
- Automatic Image Optimization
- Polarity Selection
- Battery Level Indicator on Screen
- Helmet Mounted Use

Standard Accessories

- Carrying case
- Transportation Case
- Optical Cleaning Kit
- User Manual
- Battery
- Battery Charger

Optional Accessories

- Helmet Adapter
- Solar Charger Panel

Environmental Conditions

- Operation Temperature : -32°C to +50°C
- Storage Temperature : -45°C to +60°C
- Water Resistant : 1m for 30 min.
- Environmental Spec : MIL-STD-810G

Technical Specifications

- Thermal Field-of-View : 24.5° x 18.5°
- Night Vision Field-of-View : 40°
- Fusion Field-of-View : 30.4° (diagonal)
- Magnification : 1x
- Electronic Magnification : 2x, 4x
- Thermal Detector : 640x480, 17µm
- Night Vision Tube : Generation 2+/3
- Image Modes : Fusion, Thermal, Night Vision
- Polarity : White-hot, Black-hot, Thermal Palette
- Diopter : -6/+2
- Screen : 800x600 Color OLED
- Eye Relief : 25 mm
- Integrated Image/Video Capture : Yes
- Battery : Rechargeable Li-ion
- Operation Time : 3 Hours
- Communication Interface : RS232, Ethernet
- Video Output : PAL
- Weight : 750 g
- Dimensions : 90x80x180 mm

