

# VAN CAT

FUSION WEAPON SIGHT

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





# VAN CAT

## FUSION WEAPON SIGHT

### Applications

- Situational Awareness
- Surveillance and Reconnaissance
- Search and Rescue
- Military and Law Enforcement

### Main Features

- Thermal-Night Vision Image Fusion
- Integrated Image/Video Capture
- High Resolution
- Automatic Image Optimization
- Polarity Selection
- Battery Level Indicator on Screen
- Use with Wireless Head-Up Display

### Standard Accessories

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

### Optional Accessories

- Mounting Adapter (for various weapons)
- Solar Charger Panel
- Laser Pointer
- IR Illuminator
- Laser Zeroing Device

### 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 : 10.3° x 7.7°
- Night Vision Field-of-View : 18°
- Fusion Field-of-View : 12.9° (diagonal)
- Magnification : 2x
- 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
- Reticle : BDC Color Reticle
- 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 : 1100 g
- Dimensions : 225x135x100 mm

