

4000B

The Thermal-Eye 4000B is a vehicle-mounted thermal imaging camera system, developed specifically for public safety, security and military applications.

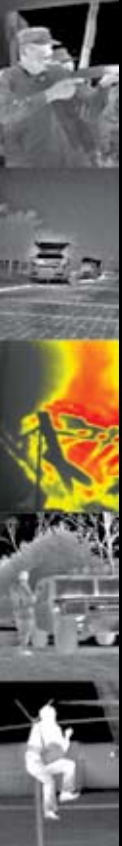


Applications:

- Search and rescue
- Area sweeps
- Fugitive searches
- Nighttime navigation
- Routine nighttime patrols
- Perimeter surveillance
- Pollutant detection on the water

Benefits:

- The only continuous 360° pan and tilt, vehicle-mounted camera available for long-range detection
- Best value in the market for pan and tilt imaging
- Detects long range and without the blooming effect often seen with other night vision technologies
- Unaffected by light rain, smoke and dust, and without the use of obtrusive lighting
- Observe suspicious activity while remaining covert from the safety of a vehicle or boat



Person in water waving for help



With natural light



With Thermal-Eye

Car jacking

Features:

- Detects human activity from up to 450 meters away
- Complete immunity to damage from solar radiation
- Joystick and monitor easily configure into any vehicle/marine interior system
- NTSC/PAL compatible video output
- Roof mounting bar available

See the Unseen™

4000B TECHNICAL SPECIFICATIONS:

| FEATURES | | THERMAL-EYE 4000B | |
|-----------------------------|------------------------------------|---|---|
| Focal Plane Array | Type & Material | Uncooled Ferroelectric | |
| | Pixel Count | 160 x 120 | |
| | Spectral Response | 7-14µm | |
| Thermal Imaging Performance | Start-up Time | ~ 45 seconds | |
| | Contrast/Brightness | Automatic | |
| | Detection Range for Human Activity | Up to 1500ft (450m) | |
| Optics | Minimum Focus Distance | ~ 25ft (8m) | |
| | Focus Method | Automatic | |
| | Field of View | (12° x 9°) | |
| Video | Output Format | NTSC Compatible | |
| | IR Polarity | White Hot | |
| Power | Input Voltage | 9.5 to 16VDC | |
| Physical Characteristics | Size | 11.1"L x 11"W x 11.4"H (282 x 280 x 290mm) | |
| | Weight | 10lbs (4.5kg) | |
| | Mounting Provisions | Mobile Mount or Stationary Mount | |
| Environmental | Operating Temp | -40°C to 55°C | |
| | Water Resistance | Carwash spray (Not submersible) | |
| | Pan and Tilt Function | Pan/Joystick Controlled, 360° continuous Tilt/Joystick Controlled -20° to +180° | |
| | EMC Compliance | FCC Part 15 & CE Mark | |
| Ordering Information | Item | Thermal-Eye 4000B — With Camera, Electronics Module, Mounting Ring, Hand Controller and Cable Set | |
| | Part Number | NTSC 3264500-0001 | |
| Optional Accessories | Item | Vehicle Roof Mounting Bar | Monitor Kit — Sold separately from camera. Includes 5.6" flat panel with shroud, swivel mount, BNC/RCA adapters |
| | Part Number | 3264568-0001 (white) 3264568-0002 (black) | 3197573-0004 |

Specifications subject to change without notice

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