

MORO VISION NIGHT VISION

LIGHT THE NIGHT™

THERMAL-EYE™ 4000B – Thermal Imaging Camera

Thermal-Eye™ 4000B Camera. The Thermal-Eye™ 4000B offers the ultimate surveillance vision advantage for public safety and security applications. The rugged thermal imaging camera can be easily roof mounted on any vehicle and offers pan/tilt viewing, which is easily controlled by a joystick. The image is then presented within the safety of the vehicle on a flat panel monitor or managed data terminal. Ideal for mounting on a police vehicle or in a fixed mount position to survey a perimeter, the Thermal-Eye™ 4000B provides the ability to see through the dark of night when most criminal activity occurs.



Product Features:

- L3 BST detector technology
- 360° pan and -20° to +180° tilt monitor
- Detects human activity up to 1500 feet or 450 meters away
- NTSC video format compatible only.
- Easy joystick and monitor easily configure into any vehicle.
- Weight with 18mm lens = 10 lbs. (4.5 kg)
- Mobile Mount or Stationary Mount

Standard Equipment Includes:

- Thermal-Eye™ 4000B Thermal Imaging Camera
- Electronics Module
- Handcontroller/Joystick
- 25pin System Cable (25')
- 9pin Handcontroller Cable (25')
- Power Cable (with Fuse)
- 25' Coax Video Cable
- Camera Mounting Ring
- Owner/Operator's Manual
- Installation Hardware

Product Benefits:

- Provide the powerful advantage of sight in the dark
- Detect unauthorized or unwanted intruders
- Detects long range without blooming effect often seen with other night vision technologies
- Monitor perimeters of restricted facilities, night or day
- Quickly scan between homes, buildings, dark garages, alleys or even under vehicles
- Observe prowlers and criminals without their knowledge
- Unaffected by light rain, smoke and dust, and without the use of obtrusive lighting

Thermal-Eye™ 4000B Accessories

Vehicle Roof Mounting Bar: Comes in white or black color

Riser Mounting Kit: Connect the Roof Bar Mount (above) to the police car or vehicle.

Magnetic Mounting Bar: Three magnetic pads hold the Thermal-Eye 4000B in place on your vehicle or boat.

5.6" Flat Panel Diagonal Monitor: A popular choice for both the 4000B and M cameras. Kit includes mounting hardware for the monitor.

Morovision Night Vision

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<http://www.morovision.com/>



THERMAL-EYE™
AUTHORIZED DISTRIBUTOR

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Thermal-Eye™ 4000B Product Specifications

Infrared Focal Plane Array	Type & Material	Uncooled Ferroelectric, Barium Strontium Titanate (BST)
	Pixel Count (Resolution)	160 x 120
	Spectral Response	7-14 µm
Thermal Imaging Performance	Startup Time	~ 45 sec
	Detection Range for Human Activity	Up to 1500ft (450m) - Depends on object size and contrast
	Contrast / Brightness	Fully Automatic
Optics	Field of View	12° x 9°
	Minimum Focus Distance	~ 25ft (8m)
	Focus Method	Fixed (Compensated automatically for temperature variations)
Video	Output Format	NTSC Compatible
	IR Polarity	White Hot
Power	Input Voltage	9.5 to 16 VDC
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 Characteristics	Operating Temperature	-40°C to 55°C
	Pan & Tilt Function	Pan / Joystick Controlled, 360° continuous - Tilt / Joystick Controlled -20° to +180°
	Water & Shock Resistance	Carwash spray, (Not submersible) - IEC level IPX6
	EMC Compliance	FCC Part 15 Compliant
	Pan Speed / Control	36° per second (max) / Single-speed control
	Mounting Provisions - See Options Above	Vehicle Mount, Marine Mount, Roof Rack

MOROVISION NIGHT VISION, INC.

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EXPORT NOTICE:

Export of this product is regulated by the U.S. Department of State in accordance with guidelines of "International Traffic in Arms Regulations (ITAR)" per Title 22, Code of Federal Regulations, Parts 120-130

This data sheet is approved for unlimited release.

Specifications subject to change without notice.