

4000B/M

The Thermal-Eye 4000B is a vehicle-mounted thermal imaging camera system, developed specifically for public safety, security and military applications. Also available, the Thermal-Eye 4000M is a sealed and saltwater-proof marine version with PAL compatible video output.

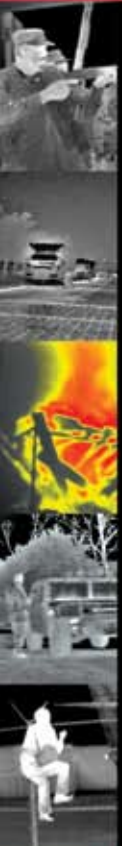


Applications:

- 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



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/M TECHNICAL SPECIFICATIONS:

FEATURES		THERMAL-EYE™ 4000B	THERMAL-EYE™ 4000M	
Focal Plane Array	Type & Material	Uncooled Ferroelectric		
	Pixel Count	160 x 120		
	Spectral Response	7-14 μm		
Thermal Imaging Performance	Start-up Time	~ 45 sec		
	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	NTSC or PAL Compatible	
	IR Polarity	White=Hot, Black=Cold		
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	10 lbs. (4.5 kg)		
	Mounting Provisions	Mobile Mount or Stationary Mount		
Environmental	Operating Temp	-40°C to 55°C		
	Water Resistance	Carwash spray, (Not submersible)	IEC level IPX6 (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)	Thermal-Eye 4000M (With Camera, Electronics Module, Mounting Ring, Hand Controller and Cable Set)	
	Part Number	NTSC 3264500-0001	NTSC 4973500-0001 PAL 4973500-0002	
Optional Accessories	Item	Vehicle Roof Mounting Bar	Monitor Kit (sold separately from camera) includes 5.6" flat panel w/ shroud, swivel mount, BNC/RCA adapters	Marine Dual Remote Kit (4000M only)
	Part Number	3264568-0001 (white) 3264568-0002 (black)	3197573-0004	4973527-0001

Specifications subject to change without notice

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