



## A safer world

Thermal-Eye™ systems are designed and manufactured for applications in public safety, fire and rescue, industrial, security and transportation. Having pioneered infrared technology decades ago, our products continue to increase the safety of our neighborhoods, help rescue victims of accidents, monitor business facilities and assets and improve the safety of nighttime driving. In fact, with so many positive applications, in so many areas of life, Thermal-Eye products keep us all just a little bit safer. And when you stop to think about it, can any of us afford anything less?

13532 N. Central Expressway  
MS37  
Dallas, Texas 75243  
972-344-4000 1-800-990-3275  
www.Thermal-Eye.com

Ensuring the safety of the community has just gotten a little easier. In today's volatile environment, the power of sight can mean the difference between catching a fugitive or saving a life. The Thermal-Eye 250D handheld thermal imaging camera is the industry standard for public safety departments, law enforcement agencies and security professionals. The tried and true 250D has a long history of providing officers with the advantage of infrared technology for everyday operations. Officers can now See the Unseen™, even in the darkest of nights or in poor weather. Suddenly, night is turned into day.

Offering the longest viewing range in its class, the Thermal-Eye 250D is able to detect human activity as far away as 3000 feet and features 2X zoom. The Thermal-Eye 250D is designed with BST detector technology, the gold standard in the world of thermal imaging, which provides the sharpest and crispest images available in the market today.



- Wildland and exterior firefighting
- Search and rescue
- Border patrol
- Area and building sweeps
- Covert surveillance
- Fugitive pursuit

The Thermal-Eye 250D is designed to fit the specific needs of law enforcement professionals and are powered by a standard rechargeable camcorder battery. Video output and recording is available through an RCA jack. Add thermal imaging to your arsenal of crime fighting technology today and see the incredible difference thermal can make.

### Benefits

- Greatly enhance an officer's vision and improve overall effectiveness on the job
- Free up the number of officers required for an operation
- Improve officer safety
- Allow officers to go undetected, as they search and survey the scene, unnoticed and out of harm's way
- Provide the powerful advantage of sight in the dark, while monitoring criminals without their knowledge

### Without Thermal-Eye



### With Thermal-Eye



250D-LE-1104

# See the Unseen™



Thermal-Eye™ 250 Digital						
Focal Plane Array (FPA)	Type & Material	Uncooled Ferroelectric				
	Pixel Count	320 x 240				
	Spectral Response	7-14 μm				
Thermal Imaging Performance	Detection Range for Human Activity	Up to 3000 Feet (915 meters) w/ standard 75mm lens]				
	Contrast / Brightness & pixel processing	Automatic & Manual Gain/Level control with advanced image processing features				
Optics	Lens Focal Length	25mm	50mm	75mm	100mm	150mm
	Field of View	(36°x27°)	(18°x13.5°)	(12°x9°)	(9°x6.6°)	(6°x4.4°)
	Minimum Focus Distance	~18 inches (.5m)	~18 inches (.5m)	~20 feet (6m)	~15 feet (5m)	~25 feet (8m)
	Focus Method	Manual focus w/ Iris	Manual focus w/ Iris	Electric motor	Electric motor	Electric motor
Video	Output Format	NTSC or PAL Compatible (RCA jack)				
	Monocular Viewfinder	Monochrome (black & white)				
	Camera Digital Zoom	1x, 2x				
Power	Power Source	NiMH Rechargeable camcorder battery (6VDC)				
	Operating Time	~ 3 hrs. with supplied battery				
	Standby Mode	Viewfinder off				
Physical Characteristics	Size	9.5"L x 4"W x 4"H (24 x 10 x 10cm)				
	Weight (w/o battery)	~ 3.4 pounds (1.5 kg)				
	Mounting Provision	¼"- 20 Tripod Mount				
Environmental	Operating Temp	-20°C to 49°C				
	Storage Temp	-40°C to 80°C				
	Water Resistance	Splashproof per IEC pub.529 IPX4				
	EMC Compliance	FCC Part 15 & CE Mark				
Ordering Information	Lens Alternatives	75mm	25mm	50mm	100mm	150mm
	Kit Part Number (NTSC)	3261604-01	3261604-03	3261604-02	3261604-04	3261604-05
	Kit Part Number (PAL)	3261604-11	3261604-13	3261604-12	3261604-14	3261604-15
Standard Equipment						<ul style="list-style-type: none"> <li>• Camera w/ Lens Cover &amp; Lens Cleaning Cloth</li> <li>• AC/DC Battery Charger Kit (110/220VAC)</li> <li>• Rechargeable Camcorder Battery (NiMH)</li> <li>• Operators Manual</li> <li>• Durable Carrying Case</li> <li>• RCA to BNC Adapter</li> </ul>
Optional Accessories						<ul style="list-style-type: none"> <li>• Soft Protective Jacket for rain use</li> <li>• DC Battery Eliminator (12-24 VDC)</li> <li>• Extra Batteries</li> <li>• Extra Battery Chargers</li> </ul>
All specifications are subject to change without notice						
					Thermal-Eye 250 RevB	Jan 04