

MORO VISION NIGHT VISION

LIGHT THE NIGHT™

THERMAL-EYE™ 250D – Thermal Imaging Camera

Thermal-Eye™ 250D Camera. Manufactured by L3 – the leading U.S. manufacturer of infrared technology, the Thermal-Eye™ 250D provides unmatched performance at an unbeatable price that's up to 70% less than portable units from other manufacturers. The Thermal-Eye™ 250D is a light weight, portable viewer featuring high quality image resolution, quiet operation, and extended battery life. Designed for public safety, marine, surveillance and industrial applications, the Thermal-Eye™ 250D is the professional's choice.

Features:

- Gold-Standard BST image quality with clear 320 x 240 resolution
- Immunity to damage from solar radiation
- Longest viewing range in it's class detects human activity from over 900 meters with standard lens and up to 1800 meters with 150mm lens
- 2x digital zoom
- NTSC/PAL compatible output for video recording
- High-capacity, commercially available camcorder battery
- Rugged, Reliable
- Small, Lightweight, Handheld
- Onboard, Adjustable Position Viewfinder
- One-hand, Direct-view Operation
- Fixed, Tripod-mount, Remote Video Capable
- RS-170 Video Output (RCA Jack)

Benefits:

- Greatly enhances vision at night or in challenging dust and smoke conditions
- Operates with no light and without the blooming effect experienced by other night vision technologies
- Remain covert while still being able to see your target
- Offers longer viewing range than traditional night vision technologies and a variety of lens selections.
- Saves money, time and lives with the ability to see quickly and operate more efficiently and safely.



Standard Equipment Includes:

- Thermal Camera with lens cover
- AC/DC battery charger kit (110/220VAC)
- Rechargeable camcorder battery (NiMH)
- Operator's Manual
- Durable Hard Carry Case
- RCA to BNC Adapter



Morovision Night Vision

P.O. Box 342
Dana Point, CA 92629

1-800-424-8222 or (949) 488-3855

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



THERMAL-EYE™
AUTHORIZED DISTRIBUTOR

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Thermal-Eye™ 250D Product Specifications

Infrared Focal Plane Array	Type & Material	Uncooled Ferroelectric (BST Gold Standard)				
	Pixel Count (Resolution)	320 x 240				
	Spectral Response	7-14 µm				
Thermal Imaging Performance	Detection Range for Human Activity	Up to 3000ft (915m) – with standard 75mm lens				
	Contrast / Brightness	Automatic & manual gain/level control with advanced image processing features				
Optics	Lens Focal Length	25mm	50mm	75mm	100mm	150mm
	Field of View	(36° x 27°)	(18° x 13.5°)	(12° x 9°)	(9° x 6.6°)	(6° x 4.4°)
	Range to Detect Human Activity	1000ft (305m)	1900ft (580m)	3000ft (915m)	3700ft (1130m)	5900ft (1800m)
	Minimum Focus Distance	~18" (.5m)	~18" (.5m)	~20ft (6m)	~15ft(5m)	~25ft(8m)
	Focus Method	Manual focus with iris	Manual focus with 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 hours with supplied battery				
	Standby Mode	Viewfinder off				
Environmental Characteristics	Operating Temperature	-20°C to 49°C				
	Storage Temperature	-40°C to 80°C				
	Water Resistance	Splashproof per IEC pub. 529 IPX4				
	EMC Compliance	FCC Part 15 & CE Mark				
Physical Characteristics	Size	9.5" L x 4" W x 4" H (24 x 10 x 10cm)				
	Weight (w/o battery)	~ 3.4lbs (1.5 kg)				
	Mounting Provision	¼" – 20 Tripod Mount				
Optional Accessories	Accessory	Extra Rechargeable battery (NiMH)			Extra battery charger kit (includes charger, DC car adapter, 110/220V AC adapter)	

For a complete list of 250D accessories visit: http://www.morovision.com/mvnx_accessories/thermal_eye_250D.htm

MOROVISION NIGHT VISION, INC.

P.O. Box 342
Dana Point, CA 92629-0342

Order by Phone:
Toll Free 1-800-424-8222 or 949-488-3855
By Fax: 949-488-3361

Email: info@morovision.com
Website: <http://www.morovision.com>

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.