

PalmIR 250 DIGITAL

ZOOM IN ON DANGER WITH RAYTHEON'S PORTABLE PALMIR 250 DIGITAL

Raytheon's newest handheld, the PalmIR 250 Digital, takes thermal imaging to a whole new level. This stealth-black unit features a 2X zoom and digital technology for improved imagery. PalmIR 250 Digital. The standard in handheld IR surveillance technology.

PRODUCT SPECIFICATION



PUBLIC SAFETY

Protect officers while searching for and pursuing suspects.
Detect prowlers. Reveal traffic investigation evidence.

SEARCH AND RESCUE

Spot lost and stranded boaters and accident victims. Navigate dangerous waterways. Respond to natural and man-made disasters.

SECURITY

Day/night visual surveillance. Monitor perimeters to prevent intrusion.

WILDLAND AND EXTERIOR FIRE FIGHTING

Detect unseen embers in mop-up before a fire re-ignities.
See escape routes through dense smoke, darkness or thick foliage. Scan large areas from land or air to locate hotspots.



To find out more about the PalmIR 250 Digital call us today at 1-800-990-3275 (U.S.) 972-344-4000 (Int.). PalmIR 250 Digital. The difference is easy to see.

**Do you have
the VISION?**

Raytheon



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OPTIONAL EQUIPMENT

LENSES:

- 150mm 6° H x 4.4° V FOV
- 100mm, 9° H x 6.6° V FOV
- 75mm, 12° H x 9° V FOV
- 50mm, 18° H x 13.5° V FOV
- 25mm, 36° H x 27° V FOV

ACCESSORIES:

- Soft Protective Jacket
- DC Adapter (12-24 VDC)
- AC/DC Adapter Kit (110/220 VAC)
- Extra Batteries
- Extra Battery Chargers
- Extra Hardcase
- Operator's Manual



CALL US TODAY AT:

1.800.990.3275 (U.S.) 303.344.4000 (Int.)

or visit our web site at: www.raytheoninfrared.com

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PERFORMANCE PARAMETERS:

Detector Type/Format	Uncooled ferroelectric (320 x 240)
Spectral Response	7 to 14 microns
Thermal Stabilization	Thermoelectric cooler
Frame Rate	30 Hz NTSC, 25 Hz PAL
Time to Operation	<30 sec (typical) <90 sec (max)
Electronic Zoom	2 X with peaking and interpolation
Camera Configuration	May be saved, recalled or reset to a factory default
Standard Lens	75 mm; f/1.0
Field of View	12° x 9°
Focus Range	20 feet minimum to infinity (with 75mm lens)
Range to Detect a Person	2400 ft

INTERFACES:

VCR Compatible Video Output	RCA jack NTSC & PAL capabilities
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ELECTRICAL:

Power Source	Rechargeable camcorder battery (6VDC)
Power Consumption [Typical]	<5 W
Power Conservation	"Standby" mode
Operating Time per Charge	In excess of 3 hrs. (Varies with batteries and environmental conditions).

PHYSICAL:

Dimensions	9.5"L x 4"W x 4"H
Weight Without Battery	2.6 pounds
Ergonomic Design	One hand operation
Mounting Provisions	Tripod mount

ENVIRONMENTAL:

Operating Temperature	-20° to 49°C
Storage Temperature	-40° to 80°C
Water Resistance	Splashproof [IEC pub. 529 IPX4]
Operating Humidity	0 – 95% non-condensing

STANDARD EQUIPMENT:

- Camera w/ Lens Cover
- AC/DC Battery Charger
- Rechargeable Camcorder Battery (NiMH)
- Operator Manual
- Lens Cloth
- Durable Carrying Case
- RCA to BNC adapter

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