



1. IMAGING PERFORMANCE

Detector type	UFPA
Spectral range	8 ÷ 14 μ m
IR sensor resolution (pxl)	160 x 120, 25 μ m
Sensitivity	0.1 °C @ 30°C
FOV / Lens	20.6° x 15.5° / 11mm
IFOV (@ 1m)	2.27mrad
Focusing	Auto / Manual
Image frequency	50 Hz
Palette	4
Display	3.6" TFT LCD screen

2. MEASUREMENTS

Temperature range	0°C to +250°C
Accuracy	±2%rdg or ±2°C
Measurement modes	Hot point mark and center point
Emissivity correction	Variable from 0.01 to 1.00, on-screen
Internal emissivity table	•
Alarm on temperature measurement	•
Measurement features	Automatic correction based on distance, relative humidity, reflexed temperature
External memory	Removable 2GB SD card
File format	JPEG standard
Memory size	Up to 1000 images

3. PC CONNECTION

USB 2.0	for image transfer
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4. POWER SUPPLY

Battery type	AA alkaline battery or AA rechargeable battery
Charging system	In camera or in battery charger
Battery life	> 2 hours
External power	AC adapter 110/220VAC, 50/60Hz

5. ENVIRONMENT

Operating temperature	0°C ÷ 50°C
Operating humidity	10% ÷ 95%HR
Storage temperature	-10°C ÷ 60°C
Storage humidity	10% ÷ 95%HR
IP degree	IP43 IEC529 housing
Shock	Operational: 25G, IEC68-2-29
Vibration	Operational: 2G, IEC68-2-6

6. MECHANICAL SPECIFICATIONS

Dimensions (L x W x H)	240 x 111 x 124
Weight	0.73 (battery included)