



Imaging Performance

Field of view	25° x 25°
Minimum focus distance	0.3 m
Focus	Manual
Detector type	Focal Plane Array (FPA), uncooled microbolometer 120 x 120 pixels, thermal sensitivity < 0.2°C at 25°C
Spectral range	7.5 to 13 μm

Image presentation

Display	3.5" color LCD, 16K colors
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Measurement

Temperature range	-10°C to +350°C
Thermal sensitivity	0.20°C at 25°C
Measurement mode	Fixed spot in the middle of the image
Menu controls	Palettes (color or black and white), auto-adjust (automatic/manual)
Set-up controls	Date/time, language, power down, display intensity
Measurement corrections	Emissivity variable from 0.1 to 1.0

Image storage

Type	Built-in FLASH memory (50 images)
File formats	Standard JPEG

Laser locatIR

Classification	Class 2
Type	Semiconductor AlGaInP Diode Laser: 1mW/635 nm red

Battery system

Type	Li-Ion, rechargeable, field replaceable
Operating time	7 hours continuous operation. Display shows battery status
Charging system	In camera, AC adapter
AC operation	AC adapter 90-260 V AC, 50/60 Hz
Input voltage	11-16 V DC

Environmental specification

Operating temperature range	-15°C to +50°C
Storage temperature range	-40°C to +70°C
Encapsulation	IP54
Humidity	Operating and storage 20% to 80%, non-condensing

Physical characteristics

Weight	550 g
Size (L x W x H)	243 mm x 81 mm x 103 mm
Tripod Mounting	1/4" - 20
Cover case	Plastic and rubber

Interfaces

USB	Image transfer to PC
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InfraCAM includes: IR camera, Carrying case, Power supply, Hand strap, Lens cap, USB cable, User manual, Power cord, Battery



Large and bright LCD

Sharp infrared images and easy-to-read temperature values are presented on the LCD display.



Easy-to-use

Ergonomic control buttons make the camera very easy to use. Switch the InfraCAM on and do your first inspections immediately.

Key features

- Accurate temperature measurement: one fixed spot in the middle of the image
- Large, super bright LCD display
- Built-in Laser LocatIR pointer
- Stores 50 JPEG images



Longlife battery

Just insert the battery and you are ready for over seven hours thermal inspections.



Laser LocatIR

Activate the built in laser pointer and associate the hot spot you see on the LCD with the real target in the field.