

armstrong optical

EasIR-1 Entry level handheld thermography camera



The ruggedized, robust and high performance thermography camera is opening new markets in industrial temperature measurement. The ergonomic design enables single-handed operation with a one-button shoot-and-save capability.

The camera allows inexpensive, fast and reliable trouble-shooting of electrical installations, electro-mechanical equipment, process systems, HVAC equipment and building inspection.

Thermal:

Detector type	Uncooled FPA	Display	3.6" TFT high res LCD
Spectral range	8 - 12 μ m	T range	-20°C to +250°C
Sensor size	160x120 pixels	Accuracy	\pm 2°C or \pm 2% of reading
Sensitivity	\leq 0.1°C @ 30°C		
Field of view	20.6° x 15.5°		
Focal length	11mm		
Image display	4 colour palettes		

Image storage:

Type	2Gb mini SD card
File format	JPEG

System status:

LCD display	Battery indicator
Sound	Auto for power level

Power:

Power supply	110/240V AC adaptor
Battery	AA alkaline
Operating duration	>2hrs continuous

Interfaces:

USB2.0	Image transfer to PC
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Environmental specification:

Operating temperature	-10°C to +50°C
Storage temperature	-20°C to +60°C
Humidity	10-95% N/C
Encapsulation	IP54

Physical:

Size	111 x 124 x 240mm
Weight	0.73kg (inc. batteries)