

armstrong optical

EasIR-4 - robust, single-handed 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 built-in visible camera enables Picture-in-Picture and IR-Fusion display allowing fast and reliable trouble-shooting of electrical installations, electro-mechanical equipment, process systems, HVAC equipment and building inspection.

Thermal:		Visible:	
Detector type	Uncooled FPA	Camera	CMOS
Spectral range	8 - 12 μ m	Sensor size	2Mpixel
Sensor size	160x120 pixels	Display	3.6" TFT high res LCD
Sensitivity	≤ 0.1 °C @ 30 °C	T range	-20 °C to +250 °C
Field of view	20.6° x 15.5°	Accuracy	± 2 °C or $\pm 2\%$ of reading
Focal length	11mm	Measurement modes	Spot, PIP, IR fusion etc
Image display	8 colour palettes	Laser locator	diode laser

Image storage:		System status:	
Type	2Gb mini SD card	LCD display	Battery indicator
File format	JPEG	Sound	Auto for power level

Power:		Interfaces:	
Power supply	110/240V AC adaptor	USB2.0	Image transfer to PC
Battery	AA alkaline		
Operating duration	~3hrs continuous		

Environmental specification:		Physical:	
Operating temperature	0 °C to +50 °C	Size	111 x 124 x 240mm
Storage temperature	-20 °C to +60 °C	Weight	0.73kg (inc. batteries)
Humidity	10-95% N/C	Tripod mounting	1/4" - 20
Encapsulation	IP54		