armstrong optical

EasIR-9 high resolution 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 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. As well as high resolution still images, the **EasIR-9** is able to store thermographic video (up to 60min) on the removable 4Gb SD card.

Thermal:		Visible:	
Detector type	Uncooled FPA	Camera	CMOS
Spectral range	8 - 12µm	Sensor size	2Mpixel
Sensor size	384x288 pixels	Display	3.6” TFT high res LCD
Sensitivity	≤0.08℃ @ 30℃	T range	-20℃ to +250℃ (+350/1200℃ option)
Lens:	25mm, 21.7°x16.4°	Accuracy	±2℃ or ±2% of reading
options:	13mm, 40.5°x30.9°	Measurement modes	Spot, PIP, IR fusion etc
	42mm, 13.0°x9.8°	Image display	8 colour palettes
	70mm, 7.9°x5.9°	Laser locator	diode laser

Image storage:		System status:	
Type	4Gb SD card (8Gb option)	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		plus radiometric video transfer
Operating duration	~3hrs continuous	Video	PAL/NTSC

Environmental specification:		Physical:	
Operating temperature	-20℃ to +50℃	Size	112 x 182 x 252mm
Storage temperature	-20℃ to +60℃	Weight	0.79kg (inc. batteries)
Humidity	10-95% N/C	Tripod mounting	¼” – 20 (option)
Encapsulation	IP54/IEC529		

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