

# 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.

<b>Thermal:</b>		<b>Visible:</b>	
Detector type	Uncooled FPA	Camera	CMOS
Spectral range	8 - 12 $\mu$ m	Sensor size	2Mpixel
Sensor size	160x120 pixels	Display	3.6" TFT high res LCD
Sensitivity	$\leq 0.1$ °C @ 30 °C	T range	-20 °C to +250 °C
Field of view	20.6° x 15.5°	Accuracy	$\pm 2$ °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
<b>Image storage:</b>		<b>System status:</b>	
Type	2Gb mini SD card	LCD display	Battery indicator
File format	JPEG	Sound	Auto for power level
Voice	Annotation 60s per image		
<b>Power:</b>		<b>Interfaces:</b>	
Power supply	110/240V AC adaptor	USB2.0	Image transfer & live video to PC
Battery	AA alkaline	Video	PAL/NTSC
Operating duration	~3hrs continuous		
<b>Environmental specification:</b>		<b>Physical:</b>	
Operating temperature	-10°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 (option)
Encapsulation	IP54		