

Specification :

Temperature	
Temperature measurement range	-10 °C to +250 °C (14 °F to 482 °F)
Temperature measurement accuracy	±2°C or ±2% of reading in °C, whichever is the greater (at 25 °C nominal) as tested
On-screen emissivity correction	Yes
On-screen reflected background temperature compensation	Yes
Imaging performance	
Image capture frequency	8 Hz
Detector type	Uncooled Hyperthin Pyroelectric Ceramic
Infrared spectral band	6.5 µm to 14 µm
Minimum focus distance	50 cm (19.6 in)
Field of View	20° X 20°
Image presentation	
Palettes	Ironbow, Rainbow, Rainbow High Contrast, gray scale and inverted gray scale.
Level and span	Auto
Viewing options	Blending of the visual and the infrared from full infrared to full visual in 25% steps.
Hot spot and cold spot tracking	Yes
Image capture and data storage	
Image capture	Image will freeze allowing review before saving.
Storage medium	4 Gb Micro SD card.
File format	.is2 format saved to SD card. When imported to included SmartView® reporting software user can create professional reports or images can be exported into multiple formats (BMP, DIB, GIF, JPE, JFIF, JPEG, JPG, PNG, TIF AND TIFF)
Memory review	Scroll through all saved images and view on screen.
General Specifications	
Operating Temperature	-10 °C to +45 °C (14 °F to 113 °F)
Storage Temperature	-20 °C to +60 °C (-4 °F to 140 °F)
Relative humidity	10 % to 90 % non-condensing
Display	2.2 in diagonal
Controls and adjustments	Select color palette User selectable temperature scale (°F/°C) Time/date set Emissivity selection Reflected background temperature compensation
Software	SmartView® analysis and reporting software, included
Batteries	4 x AA (Not included)
Battery life	8 hrs
Power saving	Power down after 10 minutes of inactivity.
Electromagnetic compatibility	CE EN61326-1:2006
US FCC	CFR47: 2009 Class A. Part 15 subpart B.
Drop	MIL-PRF-288000F; Class 2 section 4.5.5.4.2; 30cm
Size (H x W x L)	21cm x 7.5cm x 5.5cm (8.3in x 3in x 2.2in)
Weight (battery included)	◇