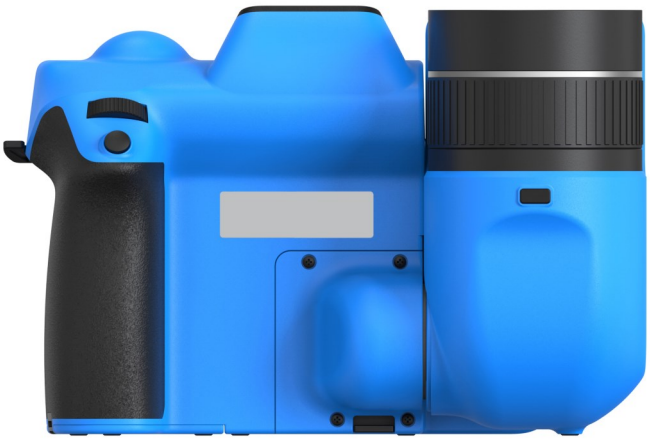
SATIR P1

1024x768 Thermal Camera



The SATIR P1 is a new generation handheld camera that has a new housing design for the industrial market. It features a 1024x768 IR detector which is the highest IR resolution on the market as it will deliver a clear, crisp image to the end-user on the touch screen. It also has a 8MP digital camera which is useful when comparing thermal and digital images in reports. It connectivity options are by Wi-Fi and the Micro HDMI. It has a wide temperature range of -20~+650°C, up to 2000°C upon request with account manager. It has five colour palettes which allows the user to select the palette that best suit their needs and application.

Key Features

- 1024x768 Detector Resolution
- HD 8MP Digital Camera
- Manual/Motorized/Auto Focus
- GPS
- Wi-Fi
- Laser Range Finder
- Real Time Radiometric Video Recording
- Optional Lenses Available: 6°/12°/48°

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P1 Specifications

Thermal Camera	
Detector type	1024x768 UFPA
Thermal sensitivity	≤0.04°C@30°C
Spatial resolution	0.47mRad
FOV/Min. Focus Distance	28°x21°/0.35m
Spectral range	7.5μm~14μm
Frame rate	30Hz
Focus	Manual/Motorized/Auto
Digital Zoom	1x to 10x
Optional Lenses	48°,12°,6°
Image presentation	
LCD display	5.8 inch capacitive touch screen
Image Mode	IR/CCD/Duo-Vision/PiP
Digital camera	HD 8MP
Image Enhancement	Yes
Image storage & Format	
Type	16GB Built-In and 128GB removable SD card
Thermal Video Format	Real—Time Radiometric recording
Temperature measurement	
Measurement range	-20°C~+650°C, Optional up to 2000°C
Colour Palettes	North Pole, Grey, Iron Red, Lava, Rainbow, High Rainbow
Analysis tool	20 movable spots, auto hot/cold, 20 area boxes, 20 line
Accuracy	±2°C or 2% of readings
Environment specification	
Operating temperature range	-20°C~+50°C
Encapsulation	IP55
Physical characteristic	
Weight	1.77 KG
Dimension	247x90x173 mm
Battery Life	≥4 Hours
Ports	USB Type-C, Bluetooth & Wi-Fi
Features	
Extras	GPS & Laser Range Finder

Please be aware specifications can vary from time to time