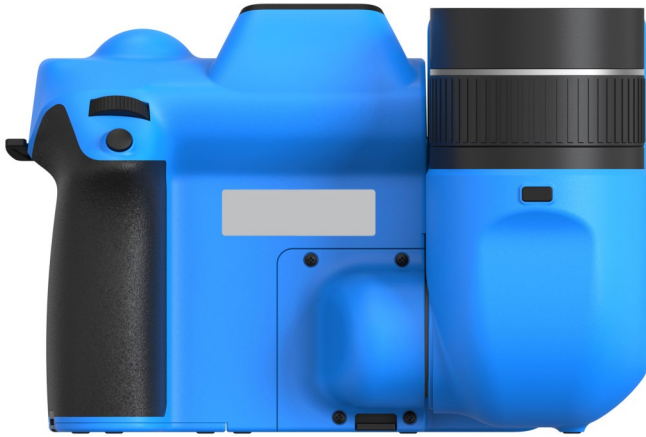


SATIR P1

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 5MP digital camera which is useful when comparing thermal and digital images in reports. Its connectivity options are by Wi-Fi and the Micro HDMI. It has a wide temperature range of -20°C to $+650^{\circ}\text{C}$, up to 2000°C upon request with account manager. It has five colour palettes which allows the user to select the palette that best suits their needs and application.

Key Features

- 1024x768 Detector Resolution
- HD 5MP Digital Camera
- 5.8 Inch LCD Touch Screen
- IR/Digital/Duo-vision/PIP
- Manual/Motorized/Auto Focus
- Bluetooth, Wi-Fi and USB transmission
- QR Code and Barcode Function

P1 Specifications

Thermal Camera	
Detector type	UFPA
Detector Resolution	1024x768
Thermal sensitivity	< 30mK@30°C
Spatial resolution	0.47mRad
FOV/Min. Focus Distance	24°x21°/0.35m
Spectral range	7.5µm~14µm
Frame rate	30Hz
Focus	Manual/Motorized/Auto
Digital Zoom	1x to 10x
Image presentation	
LCD display	5.8 inch Capacitive touch screen
Image Mode	IR/CCD/Duo-Vision/PIP/Thumbnail image library
Visible pixels	High Definition CCD, 5million pixels
Image Enhancement	Yes
Image storage & Format	
Type	16GB Built-In and 128GB
Temperature measurement	
Measurement range	-40°C~+2000°C
Pseudo-color	North Pole, Grey, Iron Red, Lava, Rainbow, High Rainbow
Analysis tool	20 movable spots, auto hot/cold, 20 area boxes, 20 lines
Measurement Accuracy	± 2°C or 2% of readings
Environment specification	
Operating temperature range	-20°C~+50°C
Storage Temperature Range	-40°C~+70°C
Protective performance	
Encapsulation	IP55
Shock/Vibration resistance	25G/2G
Physical characteristics	
Weight	1.77 KG
Dimension	247mm x 90mm x 173 mm

Please be aware specifications can vary from time to time

P1 Specifications

Power System	
Battery Life	>4 Hours
Ports	
Output ports	Type-C USB, Bluetooth, Wi-Fi
Lens 12°	Yes
Illuminator	Yes
Laser pointer	Yes
Automatic naming of thermal images	Supports QR code and bar code
Video record	Yes
Features	
Extras	GPS & Laser Range Finder