

# i-384 New

## i-384 New Handheld Thermal Camera



SATIR are pleased to announce the release of the i-384 New, an industrial handheld thermal camera series. The i-384 New which is a mid-level thermal camera as it has 384x288 IR resolution.

The temperature range for the model is  $-20^{\circ}\text{C}\sim+650^{\circ}\text{C}$ , with an optional range of up to  $+2000^{\circ}\text{C}$  available upon request. This has 10 colour palettes and a range of analysis tools such as, 10 movable spots, 10 boxes and 5 lines, Average temp, Max temp, Min temp. To capture all the video and images the model has a 32GB removable SD Card.

## Key Features

- 3.5" TFT touch screen
- 5MP visual camera
- Better performance with  $\pm 2^{\circ}\text{C}$  accuracy
- IR image/Visual image/PIF/Fusion/IMIF
- Professional analysis software
- WIFI
- Android App

# i-384 New Specifications

Model	i-384 New
Detector type	FPA, Uncooled Microbolometer
IR Resolution	384x288
Thermal Sensitivity/NETD	<40 mk@30°C (+86°F)
Spectral Range	7.5~14µm
Field of View	24°×18°
Spatial resolution (IFOV)	1.31mrad
Focal Length	13mm
Focus	Manual
Minimum Focus distance	0.15m
Pixel Size	17µm
Image frequency	30 Hz
<b>Image Display</b>	
Display	3.5" sunlight visible touch screen
Display resolution	640x480
Colour Palettes	10 colour modes
Visible camera	5MP with LED photo lamp
Digital zoom	1x ,2x ,4x ,8x.
<b>Measurement &amp; Analysis</b>	
Object temperature range	-20°C~+650°C, Up to +2000°C(optional)
Temperature measurement accuracy	±2°C or 2% of readings
Analysis tools	10 movable spots, 10 boxes and 5 lines, Average temp, Max temp, Min temp
Tracking function	Highest temperature spot auto tracking
<b>Image storage And Transmission</b>	
Storage Media	32G removable SD card
Thermal image format	Standard JPEG, including measurement data, on memory card
Thermal video format	Real-time radiometric recording(.irv)/.H264
Video output interface	Micro HDMI
Video Record	Support
Wi-Fi	Support, support preview SD card pictures through Wi-Fi
Laser distance	Position is automatically displayed on the infrared image
4G	Optional
Features Mode	Auto shutdown & Sleep mode
Alarm mode	Automatic acousto-optic alarm for set temperature value/above/below
<b>Power System</b>	
Battery type	Detachable rechargeable lithium battery
Battery Operating Time	>4 Hours
Charging System	AC adapter universal 220 Vac, 50 Hz
Charging mode	Two-socket charger or 12V car charge

## i-384 New Specifications

Environmental	
Protection level	IP54 (IEC 60529)
Operation temperature	-20°C~55°C
Physical Characteristics	
Weight	0.7kg (battery included)
Size	257x102x105mm
Others	
Accessories	Hardcase, Handstrap, Bluetooth Mic, Cables, Adaptor, Manual, Software SATIR Report Pro

## i-384 New Specifications

Please be aware specifications can vary from time to time