

SPECIFICATIONS

Model

i-384 New

Detector type	FPA, Uncooled Microbolometer
IR Resolution	384x288
Thermal Sensitivity/NETD	<40 mkC @30°C (+86°F)
Spectral Range	7.5~14µm
Field of View	24°x18°
Spatial resolution (IFOV)	1.31mrad
Focal Length	13mm
Focus	Manual
Minimum Focus distance	0.15m
Pixel Size	17µm
Image frequency	30 Hz

Image Display

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.

Measurement & Analysis

Object temperature range	-20°C~+650°C, Up to +2000°C(optional)
Temperature measurement accuracy	±2°C or 2% of readings 10 movable spots, 10 boxes and 5 lines, Average temp, Max temp, Min temp
Analysis tools	Max temp, Min temp
Tracking function	Highest temperature spot auto tracking

Image storage And Transmission

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

Power System

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

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, Manua, Software SATIR Report Pro
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