

T256 PRO

Handheld Thermal Camera



SATIR are pleased to announce the release of the **T256 Pro**, entry-level thermal cameras with five display options. (Thermal, Visual, PIP, Fusion, IMIF). IR resolution of 256x192. They are suited for those who are starting out doing inspections using infrared cameras and are on a budget. Due to the low resolution, the Image at long distanced will be a bit pixilated.

T256 Pro has the option to connect to an Android phone via Bluetooth for quick and easy sending of the images to the client or office. Supplied with professional software. Ideal for Hobbyists and professionals entering the world of infrared

Key Features

- **256x192** IR Detector
- **Fixed focus**
- **Android App** for wireless connection to the camera
- **IR image/Visual image/PIP/Fusion/IMIF**
- Temperature Range **-20°C ~ + 650°C**
- Suitable for **all applications**: Industrial, electrical, mechanical, plumbing, and entry-level engineers
- **3.5" TFT** Touch screen, analysis features, save images, easy to use
- **Cost-effective** for the hobbyist

T256 PRO

SPECIFICATIONS

Please be aware specifications can vary from time to time

Model	T256 Pro
Thermal Camera	
Detector type	FPA, Uncooled Microbolometer
IR resolution	256x192 pixels
Thermal sensitivity/NETD	<40 mK @ 30°C (+86°F)
Spectral range	7.5~14μm
Field of View	56°x42°
Spatial resolution (IFOV)	3.3mrad
Focal length	3.6mm
Focus	Fixed
Minimum focus distance	0.15m
Pixel size	12μm
Image frequency	30 Hz * Inside the EU, outside 9 Hz
Image Display	
Display	3.5" sunlight visible touch screen
Display resolution	640x480
Colour palettes	10 colour modes
Visible camera	13MP with LED photo lamp
Digital zoom	1x ,2x ,4x ,8x
Measurement & Analysis	
Object temperature range	-20°C ~ +650°C
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
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 Record	Support
Wi-Fi	Support, support preview SD card pictures through Wi-Fi
USB-C	Yes
Laser	Yes
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	5 Hours
Battery type	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	0.45kg (battery included)
Size	230x105x57mm
Others	
Accessories	Hardcase, Handstrap, Bluetooth Mic, Cables, Adaptor, Manual, Software SATIR Report Pro