

<http://www.irtek-temp.com/>

IRtek International

Ti640

Detector Type	640x480 pixels
Spectral Wavelength	8 ~ 14 μ m
Field of Views/Lens	24.6 $^{\circ}$ x 18.5 $^{\circ}$ / 25mm / F1.0
Frequency	50Hz PAL/60Hz NTSC
Focus	Auto
Digital Zoom	1 ~ 10x continuously
Brightness Contrast	Auto/manual/fixed
Image Mode	IR image / visual image / PIP / MIF
LCD Display	5", 1280 x 720 highlight touch screen
View Finder	1280 x 960 LCOS screen
Temperature Range	-20 ~ +800 $^{\circ}$ C (up to +2000 $^{\circ}$ C optional)
Accuracy	\pm 2 $^{\circ}$ C or \pm 2% of reading
Measurement Modes	10 spots, 10 lines (max, min, avg), 10 areas (max, min, avg), image analysis, max & min auto tracking, isotherm, alarm temperature (visual & sound)
Dew Point	Yes
Voice Annotation	60s
Text Annotation	Soft keyboard input
Sketch on Image	Yes
Visual Image Annotation	2pcs
Image Format	jpg or with raw data
Video Format	H.264 (MPEG4 optional) with temperature information
Video Interval Storage	Yes
Report Creation	pdf format
Report Print	WiFi print
Hardware	5MP visual camera, illuminator, laser, WiFi, microphone (volume adjustable), speaker (volume adjustable), bluetooth, digital compass, GPS, light sensor
Interface	micro USB 2.0, SD card, Gigabit ethernet, tripod mount, mini HDMI
Battery Type	Rechargeable Li-Ion battery
Battery Operating Time	More than 4 hours
Operating Temperature	-15 ~ 50 $^{\circ}$ C

Storage Temperature
Encapsulation

-40 ~ 70Â°C
IP54

[Vendor Information](#)