

# INT 78S

Handheld infrared temperature measuring imager



INT 785 is an infrared thermal imager which combines surface temperature measurement and real time thermal image. Traditional infrared thermometer can only measure temperature and needs to measure each accessory one by one. Compared with traditional infrared thermometer, INT 785 can measure multiple temperatures of accessories once and potential problems can be clearly displayed on the screen. It also has a wide range of measurement and photography function to work in a variety of shooting environments. For example the built in high brightness lamp allows you to easily find the tested object in dark environment. This product adopts a new generation of sensor module to ensure excellent infrared resolution and multiple color plate mode.

## FEATURES

- UFPA Sensor
- High / Low temperature Measurement
- High Image Visibility
- Adjustable Emissivity
- Storage Card
- Temperature Range
- thermal Resolution
- High Temperature Alarm
- Type C USB port for charging and Data transmission
- Flashlight
- PC software for image analysis

## OPTIONAL

Rack



## SPECIFICATIONS

Sensor	Uncooled Focal Plane
Temperature Range	30°C ~ 45°C
Resolution	0.1°C
Accuracy	±0.5°C @1m
Optimal Measuring Distance	1m
Temperature Measurement Response Time	≤500ms (95% of reading)
Thermal Resolution	19200 (160 × 120)
Pixel Dimensions	12μm
Palettes	Black White, Red White, Blue White, Iron Red, Rainbow
Bandwidth of Infrared Spectroscopy	8~14μm
Field of View (FOV)	56°(H) × 42°(V)
Instantaneous Field of View (IFOV)	6mrad
Thermal Imaging Sensitivity	<50mk
Frame Rate	<9Hz
Temperature Display	Center temperature measurement and high temperature tracking (default)
Image Format	BMP
Image Modes	Thermal
Temperature Measuring Point	Besides central point, 3 temperature measuring points can be added
Display Resolution	320×240
PC Analysis Software (PC)	√
Data Communication	Type-C USB
Auto Power Off	Selectable (5min, 10min, 30min), 30min auto power off (default)
Battery Life	≥6 hours
Charging Time	4 hours
Charging Voltage/Current	5V/2A
Image Storage	Micro SD card
<b>GENERAL CHARACTERISTICS</b>	
Power	A single Li-ion 3.7V/5000mAh 26650 battery
Display	2.8" TFT LCD
Product Color	Red + Grey
Product Size	236mm x 75.5mm x 86mm
Standard Accessories	Manual, Type-C USB cable, 16GB TF card
Standard Carton Gross Weight	2.2kg