



High resolution


Portable, rotatable LCD

Thermal-infrared  
camera

**T6-P**

**amperis**

[www.amperis.com](http://www.amperis.com)

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With advanced high resolution FPA detector and powerful integrated digital circuits as well as DSP image processing system, T6 series hand-held thermal imaging camera stably performs high quality image, accurate temperature results. It is developed for variety requirements of instant infrared troubleshooting in fields such as electric, electronic, firefighting and building detection.

## Thermographic infrared camera T6-P

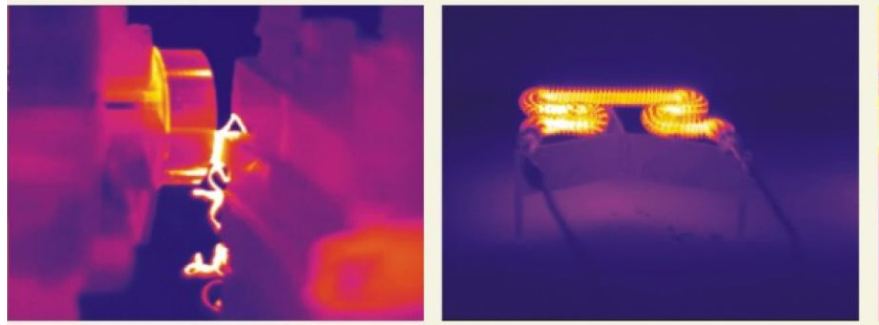


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## Parameters



<i>Item</i>		<i>T6-P</i>
Detector characteristics	Detector type Array size/format	uncooled FPA microbolometer 384x288
Image manage	Field of view/min focus distance Spatial resolutions(IFOV) Thermal sensitivity Frame rate Focus Electronic zoom Spectral range	16°x12%/0.5m 0.88mrad ≤ 0.06°C@30°C 50/60Hz Manual 2X 8-14μm
Image display	LCD	Built-in high-resolution color 2.8" LCD

	<i>Item</i>	<i>T6-P</i>
Measurement	Temperature ranges Accuracy Measurement correction  Measurement mode  Color palette Image adjustmen Setup functions Emissivity correction Ambient temperature correction Atmospheric transmission correction	-20°C- +300°C, opcional até +600°C ±2°C or ±2% of reading, whichever is greater Automatic/manual  Up to 4 movable spots. Up to 3 movable areas(maximum, minimum and average temperatures).Line profile. Isothem. Temperature difference.Alarm(voice,color) 11 Auto/manual gain and brightness Date/time, temperature unit, language Variable from 0.01 to 1.0 Automatic correction according to user input Automatic correction according to user input object distance, relative humidity, ambient temperature
Image storage	Storage Card Storage mode File format-thermal Voice annotation	Built-in flash memory, SD card(1G), Up to 4000 images Autmatic/manual single image saving JPEG,14 bit thermal image with measurement data Input via built-in microphone Up to 40 seconds of digital voice per image stored with image.
Laser pointer	Laser pointer	Class 2,1mw/635nm(red)
Power supply	Battery type Battery operating time Charging system Power saving External power	Li-Ion,rechargeable 3 hours continuous operation Intelligent charger or power supply adaptor(optional)online charge YES 10V DC

<i>Item</i>		<i>T6-P</i>
Environment	Operating temperature Humidity Encapsulation	-15°C +50°C ≤90% non-condensing IP54
Physical characteristics	Weight Dimensionous	0.91Kg 303mm×123mm×85mm
Interface	External DC input Audio output Video output SD card USB	Yes Yes PAL/NTSC Yes Image, measurement data and voice transfer to PC

