



TIC 300

TIC300 is a Thermal Imaging Camera which combines the functions of surface temperature measurement and real-time thermal imaging.

Traditional Thermal Imaging Cameras measure each component one by one but TIC300 does it together thus saving customer's time. The potential problem is clearly displayed on the color screen which helps customer to quickly locate the central point and temperature of the problem area.

To improve recognition, this product is equipped with a vision camera. Based on practical requirements, it can turn thermal image into visual image. Thermal image and visual image can be stored in the memory card. Adjust the images and store them in PC which are used to generate reports or for printing. After seconds it can be tested. This product is the optimum product for electrician and maintenance personnel. It can quickly find out the problem area.

Specifications

Display	2.4" Color Display
Infrared Image Resolution	60 x 60
Total Pixels	3600
FOV / Shortest Focal Length	20° x 20° / 0.5m
Thermal Sensitivity	0.3°C
Temperature Range	-20°C ~ 300°C (-4°F ~ 572°F)
Measuring Accuracy	±2% Digit / ±2°C
Wavelength Range	8 ~ 14µm
Image Capturing Frequency	6Hz
Emissivity	0.1 ~ 1.0 (Adjustable)
Focus Mode	Fixed
Palette	Iron Color, Rainbow High Contrast, Gray Scale (Black Glow) And White Scale (White Glow)
Image Storage	Micro SD Card (4GB)
File Format	BMP
Set Control	Unit Adjustment / Language / Date Time Format / Automatic Shutdown
Power	Four 1.5V "AA" Battery
Automatic Power-Off Time	12 Minutes
Operating Temperature	-5°C ~ 40°C
Storage Temperature	-20°C ~ 50°C
Relative Humidity	10% RH ~ 80% RH
Dimensions	212 x 95 x 62mm (approx.)
Weight	320gms (approx.)
Waterproof Rating	IP54
Accessories	Carrying Case, Inst. Manual, Micro SD Card (installed), Wristlet, AA x 4 Batteries (installed)

Applications

- Hot Kettle
- Electric Fan
- Air Vent / Window
- Electrical Transformer
- CPU / UPS
- Electrical Panel [Bus - Bar]
- Flame / Lighter
- Soldering Iron
- Smelting Pot
- Washing Machine
- Cooling Towers
- Human Body

