



TIC300

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.

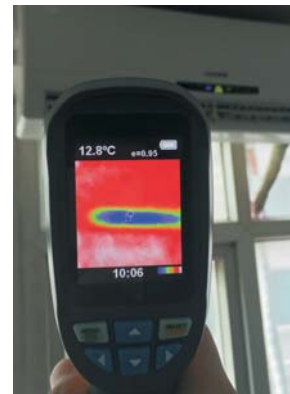
To improve recognition, this product is equipped with a vision camera. Based on practical requirements, it can turn thermal image into visual image. Thermal image and visual image can be stored in the memory card. Adjust the images and store them in PC which are used to generate reports or for printing. 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
Resolution	60 X 60
Total Pixels	3600
FOV / Shortest Focal Length	20° x 20° / 0.5m
Thermal Sensitivity	0.15 °C
Measuring Mode	Infrared Focal Plane Measuring Temperature
Temperature Range	-20°C ~ 300°C (-4°F ~ 572°F)
Measuring Accuracy	± 2% digital / ± 2°C
Wavelength Range	8 ~ 14 μm
Image Capturing Frequency	6 Hz
Emissivity	0.1 ~ 1.0 (Adjustable)
Focus Mode	Fixed
Palette	Iron Red Color, Rainbow, Rainbow High Contrast, Grey Scale (White Glow) and Grey Scale (Black Glow)
Image Storage	Card (4GB)
Memory Card	Micro SD Card (installed)
File Format	BMP
Set Control	Unit Adjustment / Language / Date Time Format / Automatic Shutdown
Battery Type	AA x 4 Batteries
Battery Life	6 Hours
Operating Temp.	-5°C ~ 40°C
Storage Temperature	-20°C ~ 50°C
Relative Humidity	10% RH ~ 80% RH
Vibration	2G, IEC 60068 - 2 - 6
Drop resistance	2m
Size	212 x 95 x 62mm (approx.)
Weight	320gms (approx.)
Accessories	Carrying Case, Inst. Manual, Micro SD Card (installed), AA x 4 Batteries (Installed)

**Applications**

- Predictive Maintenance of Electrical Equipment
- Transport Industry and Car Maintenance
- Electronic & Electrical Manufacturing
- Archaeological Study
- Automotive Manufacturing
- Furnace & Smelting



Air Conditioner



Air Cooler



Vehicle Maintenance



Hot Kettle



Electrical Switchgear