



UTi80P Thermal Imager

UTi80P is Uni-Trend's latest portable infrared thermal imager with high-resolution (80x60). Users can observe the target object clearly at night and measure the temperature. UTi80 Cube has multiple palettes for different scenes. It is equipped with upper computer software and can transmit data through the USB interface, display and analyze all pixel temperatures, and perform high

temperature capture which can quickly identify the hot spot location. Designed with high and low temperature alarm/dynamic tracking, adjustable emissivity, UTi80 Cube can meet various user requirements, and its palm-sized volume and complete functions makes it a best choice for DIY hobbyist. It is an ideal tool for on-site temperature detection.

Applications:

UTi80 Cube is widely used in power/HVAC equipment maintenance, electronic power/automotive manufacturing, construction, energy, chemical and smelting industries.

Specifications	
Model	UTi80P
Temperature range	-10~400°C
Basic accuracy	±2°C or ±2% (-10~140°C); ±3°C or ±3% (140~450°C)
Resolution	0.1°C
Emissivity	0.95 (0.1~0.99 adjustable)
NETD	≤150mK (0.15°C)
IR resolution	80*60
Pixel size	17µm
Palettes	Iron, rainbow, grey
FOV	51° (H) * 38° (V)
Image frequency	≤9Hz
Features	
High and low temperature alarm	√
High and low temperature tracking	√
Backlight	High, medium, low
Display	2.4-inch TFT LCD
Display resolution	320 x 240 pixels
General Characteristics	

Power	Li-ion battery: 3.7V/1300mAh
Display size	48mm x 36m
Product color	Red and grey
Product net weight	125g
Product size	76mm x 76mm x 22mm
Standard accessories	Micro SD card, micro USB cable, carrying bag
Standard individual packing	Blister, gift box, English manual
Standard quantity per carton	5pcs
Standard carton measurement	390mm x 130mm x 140mm
Standard carton gross weight	2.8kg