UTi80/120 SERIES
Thermal Imagers

NEW
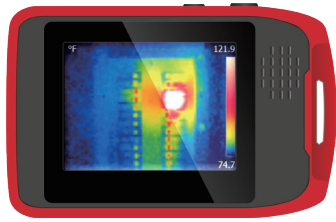
● **UTi80P/UTi120P**

● **UTi120T**

SPECIFICATION	UTi80P	UTi120P	UTi120T
Certificates	CE, RoHS		
IR resolution	80 x 60 pixels	120 x 90 pixels	120 x 90 pixels
Field of view (FOV)	51° horizontal	51° x 38°	50° x 38°
Thermal sensitivity (NETD)	≤150mk (0.15°C)	＜60mk	＜60mk
Temperature range	-10~400°C	-10~400°C	-20~400°C
Spatial resolution (IFOV)	11mrad	7.3mrad	7.6mrad
Frame rate	≤9Hz	25Hz	25Hz
Measurement accuracy	±2°C or ±2% whichever is greater		
Palettes	3	3	6
Emissivity	Adjustable (0.01-1.00)	Adjustable (0.01-1.00)	Adjustable (0.01-1.00)
Focus	Focus free	Focus free	Focus free
Digital zoom			1-8x continuous
Display modes	Thermal	Thermal	Thermal, image blending, visible light
Display	2.4" TFT LCD	2.4" TFT LCD	3.5" LCD
Auto capture of Hi/Lo temperature	√	√	√
Measurement modes	Point, area	Point, area	Point, area
WIFI			√
PC analysis software	√	√	√
Drop proof	1m	1m	1m
IP rating			IP54
GENERAL CHARACTERISTICS			
Power	UTi80P/UTi120P: Li-ion battery (3.7V 1300mAh); UTi120T: Li-ion battery (3.7V 5000mAh)		
Product net weight	UTi80P/UTi120P: 125g; UTi120T: 212g		
Product size	UTi80P/UTi120P: 76mm x 76 mm x 22mm; UTi120T: 205mm x 124 mm x 65mm		
Standard accessories	Carrying bag, micro USB cable, micro SD card, English manual		
Standard individual packing	Blister, gift box		
Standard quantity per carton	5pcs		
Standard carton measurement	UTi80P/UTi120P: 390mm x 130mm x 140mm UTi120T: 387mm x 246mm x 166mm		
Standard carton gross weight	UTi80P/UTi120P: 2.8kg; UTi120T: 2.6kg		

UTi85/120/165/220/260 SERIES
Thermal Imagers

NEW

These series products are rugged, and ergonomically designed thermal imager with great performance. It adopts a UFPA detector to ensure excellent infrared resolution and a rich variety of palette modes. Some models have the functions of visual light, buzzer alarm, and real-time image transmission, which is convenient for various applications.

● 2.8" TFT screen
● Infrared resolution: 80 x 60 to 256 x 192
● Temperature measurement range: -15°C~550°C
● Photograph function with SD card storage
● PC analysis software
● Buzzer/flashlight alarm
● Real-time image transmission
● Auto capture of Hi/Low temperature
● Flashlight
● 1/4" tripod mounting hole
● IP65/2m drop proof

● **UTi260B**

SPECIFICATION	UTi85A	UTi120B	UTi165A	UTi220B	UTi260B
Certificates	CE, RoHS				
Temperature range	-10~400°C	-10~400°C	-10~400°C	-10~400°C	-15~550°C
IR resolution	80x60 pixels	120x90 pixels	160x120 pixels	200x150 pixels	256x192 pixels
Field of view (FOV)	51°x38°	51°x38°	56°x 42°	35°x26°	56°x 42°
Thermal sensitivity (NETD)	150mK	60mk	50mk	100mk	50mk
Spatial resolution (IFOV)	11.1mrad	7.3mrad	6.1mrad	3.1mrad	3.8mrad
Frame rate	9Hz	25Hz	9Hz	9Hz	25Hz
Measurement accuracy	±2°C or ±2% whichever is greater				
Palettes	5	7	5	7	7
Emissivity	Adjustable (0.01-1)	Adjustable (0.01-1)	Adjustable (0.01-1)	Adjustable (0.01-1)	Adjustable (0.01-1)
Focus	Focus free	Focus free	Focus free	Focus free	Focus free
Display modes	Thermal	Thermal, blending, visible	Thermal	Thermal, visible, blending	Thermal, blending, visible, PIP
Display	2.8" LCD	2.8" LCD	2.8" LCD	2.8" LCD	2.8" LCD
ROI (eliminates interference)	√	√		√	√
GENERAL CHARACTERISTICS					
Power	Li-ion battery (3.6V 5000mAh)				
Product net weight	Around 910g				
Product net size	236mm x 75.5 mm x 86mm				
Standard accessories	Micro SD card, Type-C USB cable, English manual				
Standard individual packing	Gift box				
Standard quantity per carton	10pcs				
Standard carton measurement	610mm x 345mm x 305mm				
Standard carton gross weight	10.1kg				