

UNI-T®



UTi120T

Pocket Thermal Imager Quick Reference Guide



P/N:110401108947X

www.uni-trend.com

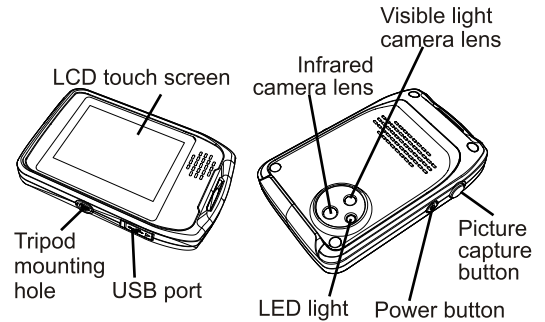
Welcome

UTi120T is a pocket thermal imager from Uni-Trend.

Welcome to visit the official website of Uni-Trend at <http://www.uni-trend.com> for more about thermal imagers.

Continuous updates of product functions will be reflected in the new version of the user manual.

1. Appearance



2. Operation

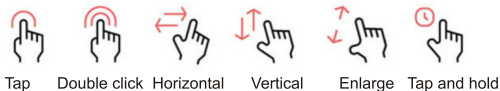
Power On/Off: Press and hold the power button for 2s to turn on/off the device.

Sleep: Press the power button to keep the device on and turn the display off.

Language Selection: Select the desired language at first startup.



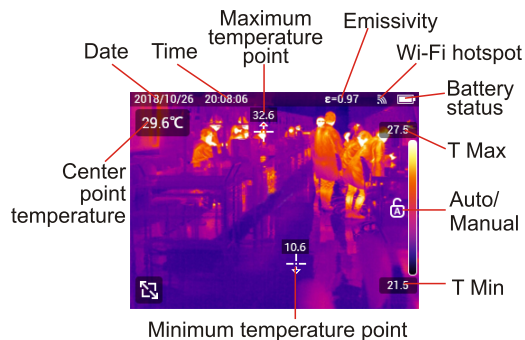
Touch Screen Operation



Capture Image: Press the picture capture button or double click on the screen to capture the image.

3. Interface and Main Menu Introduction

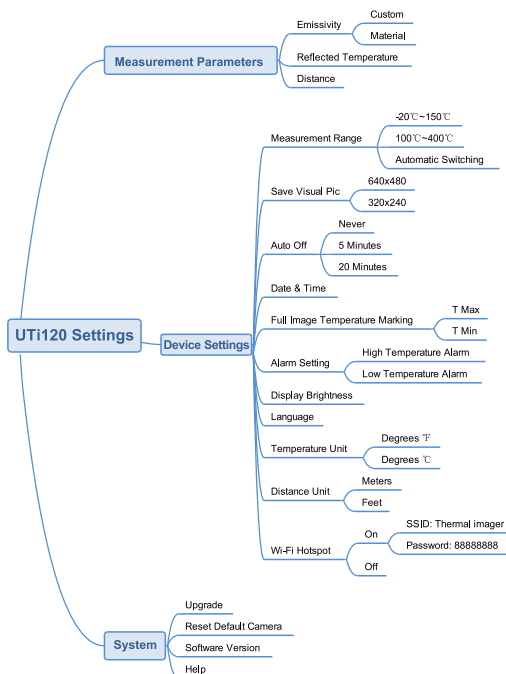
Thermal Imaging Interface



Main Menu Introduction



Layout of Settings



4. Charging

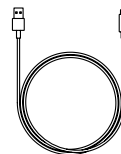


When the device is being charged in the power off state, the screen will display the charging status for 5s. Press the power button to display the charging status again.

5. Connection to PC

Use the USB cable to connect the device to a PC.

6. Accessories



USB cable



Hand strap



User manual



Soft case



Data download card

7. Common Emissivity

Material	Emissivity
Wood	0.85
Water	0.96
Brick	0.75
Stainless steel	0.14
Tape	0.96
Aluminum plate	0.09
Copper plate	0.06
Black aluminum	0.95
Human skin	0.98
Asphalt	0.96
PVC	0.93
Black paper	0.86
Polycarbonate	0.8
Concrete	0.97
Copper oxide	0.78
Cast iron	0.81
Rust	0.8
Gypsum	0.75
Paint	0.9
Rubber	0.95
Soil	0.93

8. Common Troubleshooting

Symptom	Cause	Action
The device cannot be powered on	Low battery	Charge the device
	The plug of the external power supply is not plugged well	Reinsert the plug and push it in place
	Battery life is up	Replace the battery
The infrared image is not clear	The infrared camera lens is covered with water vapor or contaminated	Use professional lens paper to clean the lens
The visible light image is not clear	The environment is too dark	Take appropriate lighting measures
	The visible light camera lens is covered with water vapor or contaminated	Use professional lens paper to clean the lens
Temperature measurement is not accurate	The parameters related to temperature measurement are set incorrectly.	Change parameter settings or restore default parameters
	The temperature is measured immediately after startup	Warm up the device for 5 to 10 minutes before starting temperature measurement
	No calibration for a long time	Calibrate the device once a year

This guide is subject to change without prior notice.

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