T10

Thermal Imaging Camera



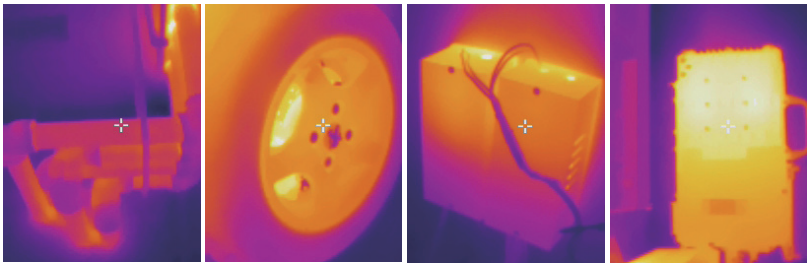
T10 is a portable thermal imaging camera. Accurate temperature measurement, real-time imaging, high-temp auto tracking, quickly lock the target. With durable quality, compact and lightweight body, integrated with multiple sensing functions of infrared, visible light, fill light, laser indicator, T10 can effectively improve the efficiency of detection.

FEATURES

- 160×120 Uncooled detector
- Visible and infrared image fusion and overlay
- Multiple measure modes: Center spot, highest temp, lowest temp
- Multiple sensors: infrared, visible light, fill light, laser indicator
- 8hours battery life
- Weighing only 320g
- 2 meters drop protection

APPLICATION CASE

- Building diagnosis
- Electrical/mechanical inspection
- Research and development
- Automation application
- Preventive and predictive maintenance



STANDARD PACKAGE

standard package	
Portable IR Thermal imager×1	Warranty Card×1
DC5V/2000MAPower Adapter×1	USB Type Ccable ×1

TECHNICAL SPECIFICATIONS

Item	T10
Detector Data	
Type	Uncooled FPA
IR resolution	160×120
Pixel pitch	17μm
Spectral range	7.5~14μm
NETD/Sensitivity	50mK
Lens Data	
FOV	42°× 32°
Minimum imaging distance	30cm
IFOV	4.42mrad
Focus	No need to focus
Image Performance	
Display	2.4"LCD display,320×240
Visible light camera	3 megapixel CMOS, auto focus, 1 led fill light
Display mode	Infrared, visible light, fusion
Palette	12 options (including iron red, rainbow, white hot and black hot)
Measure	
Temperature range	-20℃~+600℃
Measurement accuracy	±2℃/±2% (reading range), take the bigger value
Measurement mode	Point(Center, Max, Min), Box(Max, Min)
Emissivity correction	Adjustable emissivity from 0.01 to 1.0, or correct emissivity through a predefined material emissivity meter
Image format	JPEG format with 14-bit measurement data image
System functions	
USB interface	USB2.0, Image, measurement data transmission
WIFI	Yes
Function settings	Date/time, temp unit ℃/℉/K, language
Storage	8G memory, support expansion
Laser indicator	Class 2, 1mW, 635nm red
Tripod	1/4" -20
Battery type	Lithium battery, rechargeable
Operating time	8h continuous working (room temperature)
Charging type	Micro USB direct charge
Charging time	4h (room temperature)
Environment Parameters	
Operating temperature range	-20℃~+55℃
Storage temperature range	-40℃~+70℃
Humidity	≤95% (non-condensing)
Drop protection	2m
Encapsulation	IP54 (IEC60529)
Physical data	
Size	190mm×72mm×60mm
Weight	≤320g (with battery)
Standard	Thermal Imaging Camera, adapter, USB cable, warranty card, certificate, calibration book
Quality assurance	
CE	Yes
ROHS	Yes

*This manual is for reference only. Due to product updates and improvements, contents and parameters are subject to change without notice.

Zhejiang ULIRVISION Technology Co.,LTD.

Tel: +86(0)571 8720 9879
Fax: +86(0)571 8512 5358
E-mail: overseas@ulirvision.com

Add: 8/9/10/17F, Block C, Sunwave Building,
No.581, Huoju Avenue, Binjiang District,
Hangzhou 310053, Zhejiang, China.

Follow
Official website