

T10P

Handheld Fever Screening Thermal Camera

T10P is a special infrared human body temperature screening device. This thermal imaging camera has extraordinary functions such as high accurate temperature measurement, real-time imaging, high-temp auto tracking, quickly lock the target etc. Currently, it is widely used in railway stations, bus stations, subway stations, airports, hospitals, schools, government buildings, enterprises and institutions, shopping malls, food markets, parks and other public places for investigation of abnormal body temperature. With durable quality, compact and lightweight body, integrated with multiple sensing functions of infrared, visible light, fill light, laser indicator, T10P can effectively improve the efficiency of detection.

Features

160x120 Uncooled detector

Measurement accuracy $\pm 0.5^{\circ}\text{C}$

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

Applications

Clinical Diagnosis

Veterinary

Medical Research

Disease field

Public area



ULIRVISION

Technical Specifications

Item	T10P
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	iron red, rainbow, black hot and white hot
Measure	
Temperature range	+30℃~+45℃
Measurement accuracy	±0.5℃
Measurement mode	Spot measure(Center spot, highest temp, lowest temp)
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, equipped with dedicated APP
Function settings	Date / time, temp unit °C/°F /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	+16℃~+32℃
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