

## UTi192M & UTi384M

### Intelligentized Thermal Imager

M series products inherit the classic functions of high-end infrared thermal imagers, with simple appearance and ergonomic design. The touch-screen menu navigation interface is convenient for users to operate easily.

They are equipped with a high brightness light to make users easily find abnormalities. We also offer a wide range of high quality optional infrared lenses for different applications.



#### Features:

- IR resolution: 192x144/384x288 pixels
- 4" LCD touch screen
- Manual focus
- Video recording
- Digital zoom: 1.0~4x continuous
- Abundant palettes
- On screen analyzer
- Full-screen Hi/Lo temperature auto tracking
- Built-in high brightness light
- USB & Wi-Fi real-time data transmission
- One-key connection to mobile devices
- IP54 protection

Model	UTi192M	UTi384M
<b>Technical Data</b>		
IR resolution (Pixels)	192×144	384×288
Display	4" LCD Touch (800x480)	
Field of view(FOV)	37.8°×28.8°	28.4°×21.5°
Thermal sensitivity(NETD)	≤50mk	≤45mK
Spatial resolution(IFOV)	3.45mrad	1.29mrad
Frame rate	≤25Hz	
Focus	Manual	
Temperature measurement range	-20°C~650°C (standard lens), 650~1500°C (optional lens)	
Accuracy	±2°C or ±2% whichever is greater	
Emissivity	0.01~1.00 adjustable (0.95 default)	
<b>Functions</b>		
Color palettes	White hot, Fulgurite, Ironbow, Hot iron, Medical, Arctic, Rainbow 1, Rainbow 2	
Image modes	Thermal, Visual image, Fusion, PIP	
On screen analyzer	5 Points/2 Lines/5 Rectangles/5 Circles	
Digital camera resolution	5MP	
Digital zoom	1.0~4x continuous	
Hi/Lo temperature alarm	Icon, LED flashlight, Buzzer	
Isotherm	Above, Below	
Software analysis	PC	
Video recording	√	
Voice recording	√	
Wi-Fi / Bluetooth	√	
Laser pointer	√	
<b>General Characteristics</b>		
Battery	Detachable Li-ion battery (7.2V 2300mAh)	
Battery operation time	≥ 4 hours	
USB	HDMI, Micro USB	
IP rating	IP54	
Storage	16GB Internal, 16GB Micro SD card	
Image/Video storage format	Picture: JPEG ; Video: irgd	
Certificates	CE, FCC, RoHS	
Product net weight	840g	
Product size	274mm×106mm×78mm	