

# Ti9/Ti10 Thermal Imagers



## Included Accessories

- SmartView™ software
- 2 GB SD card
- SD card reader
- Rugged hard carrying case
- Soft carrying case
- Hand strap
- Rechargeable battery
- AC charger/power supply
- User manual
- Training DVD

## Ordering Information

- Fluke Ti9/Electrical Thermal Imager
- Fluke Ti10 Thermal Imager

## The rugged and affordable tool for electricians and technicians

Get the full picture instantly with the Fluke Ti9/Ti10 thermal imagers. Built for tough work environments, these fully radiometric imagers are ideal for detecting problems in a wide range of equipment including switchgear, motor control centers and lighting systems.

- Optimized for field use in harsh work environments
  - Engineered and tested to withstand a 2 meter drop
  - Withstands dust and water – tested to an IP54 rating
  - Innovative protective lens cover protects the lens when not in use
- Delivers the clear, crisp images needed to find problems fast
  - Identify even small temperature differences that could indicate problems with excellent thermal sensitivity (NETD)

- Even the smallest details become visible with the large, widescreen full color LCD display

- Enhanced problem detection and analysis capabilities with patent-pending IR-Fusion® Technology (Ti10)
- Intuitive, three-button menu is easy to use ... simply navigate with the push of a thumb
- Store more than 3.000 screen images (.bmp format) or 1.200 IR-Fusion images (Ti10) on included 2 GB SD memory card

## Specifications

(Check the Fluke web for detailed specifications)

	Ti9	Ti10
<b>Thermal imaging performance</b>		
Field of view (FOV)	23 ° horizontal x 17 ° vertical	
Spatial resolution (IFOV)	2,5 mrad	
Min focus distance	15 cm	
Thermal sensitivity (NETD)	±0.2 °C at 30 °C	
Minimum span (Auto/Manual)	10 °C / 5 °C	
Focus	Manual	
Detector type	160 x 120 Focal Plane Array, uncooled microbolometer	
<b>Visual imaging performance</b>		
Min focus distance	46 cm	
On camera operating modes	Picture-in-Picture and full screen IR plus Blending	
Visible light camera	640 x 480 pixels, full color	
<b>Temperature measurement</b>		
Temperature range	-20 °C to 250 °C	
Accuracy	± 5 °C or 5%	
Measurement modes	Center point	
<b>Image presentation</b>		
Digital display	9.1 cm (3.6") landscape color VGA (640x480) LCD*	
LCD backlight	Selectable bright or auto	
Palettes	Ironbow, blue-red, high contrast, grey	
<b>Image and data storage</b>		
Storage medium	2GB SD Card (3000 .bmp IR images/1200 .IS2 IR-Fusion images)	
File formats supported	JPEG, BMP, GIF, PNG, TIFF, WMF EXIF and EMF	
<b>Controls and adjustments</b>		
Set-up controls	Date/time, °C/°F, language	
Language selection	Eng, ger, fre, spa, por, ita, swe, fin, rus, cze, pol, tur	
Image controls	Smooth auto scaling and manual scaling	
On-screen Indicators	Battery status, real time clock and center point temperature, range and span indication and high and low alarm settings	

**Battery life:** 3 to 4 hours continuous operation

**Water and dust resistant:** IP54

**Size (HxWxD):** 267 x 127 x 152 mm

**Weight:** 1.2 kg

**Two Years Warranty**

## Recommended Accessories



**Ti-Visor**  
Sun Visor



**Ti20-RBP**  
Rechargeable Battery Pack



**Ti-Car Charger**