

Fluke Ti10 ,Ti25 and Ti32 Thermal Imagers



Fluke Ti10, Ti25 and Ti32 Series of thermal imagers, combined with the Ti40 and Ti50 Series, offers a powerful range of thermal imagers for professionals demanding the best.

The Fluke Ti10, Ti25 and Ti32 Series Imagers are the perfect imagers for industrial and electrical troubleshooting and preventative maintenance applications.

The only imagers with IR-Fusion® Technology both in the camera and software, for easy identification and reporting of problems, combines visible (visual) image with IR image in full screen or picture-in-picture views.



Ti10, Ti25 and Ti32 Features

- IR-Fusion® Technology for easy identification and reporting of problems
- Rugged and Reliable: Engineered to withstand a 2 meter (6.6 feet) drop
- Excellent thermal sensitivity for seeing even small temperature differences (which indicate problems)
- 640 x 480 large 3.6" diagonal color LCD display (landscape format)
- Temperature measurement ranges for Industrial and Commercial applications
- SmartView™ analysis and reporting software (with free upgrades through life of product)
- Removable 2 GB SD Memory Card for easy storage and transfer of thermal and visible images
- Complete solution includes hardware and software to get you going
- Two-year Calibration cycle
- Two-year warranty

Order information

Fluke Model	Part Number	Product Dimensions				Origin
		Length	Width	Height	Weight	
Fluke-Ti32 60HZ		6 in	5 in	10.5 in	2.3 lbs	USA
Fluke-Ti25 9HZ	2823117	6 in	5 in	10.5 in	2.6 lbs	USA
Fluke-Ti10 9HZ	2822046	6 in	5 in	10.5 in	2.6 lbs	USA

Included Accessories

- SmartView™ analysis and reporting software
- 2 GB SD Memory Card
- SD Card Reader for downloading images into your computer
- Rugged hard carry case and portable soft carry case
- Hand strap
- Rechargeable battery
- AC charger/power supply
- Printed Users Manual

Optional Accessories

- Thermal Imager Car Charger
(TI-CAR CHARGER, CAR CHARGER FOR TI10/TI20/TI25)
- Sun Visor
- Telephoto and Wide Angle Lens (Ti32 only)





Fluke Model Comparison

Product	Ti10	Ti25	Ti32
Camera \$\$ (MSRP)	\$4,495	\$7,495	\$8,995
Software Included	SmartView	SmartView	SmartView
Radiometric	Fully	Fully	Fully
Detector type	Vox Bolometer	Vox Bolometer	Vox Bolometer
Spectral Response (um)	7-14	7-14	7-14
Range of Thermal Resolution available	160X120	160X120	320X240
Thermal Sensitivity	≤200mK	≤100mK	≤50mK
Temperature Measurement Range	-20 to 250C	-20 to 350C	-20 to 600C
Accuracy	±5% or 5°C	±2% or 2°C	±2% or 2°C
Field of View (FOV)	(23 X17)	(23 X17)	(23 X17)
Spatial Resolution (IFOV)	2.5 mRad	2.5 mRad	1.25 mRad
Focus Mechanism	Manual	Manual	Manual
Frame update rate	9Hz	9Hz	60Hz
Display Type and Size	3.6" LCD	3.6" LCD	3.6" LCD
Useable Image Size	3.6"	3.6"	3.6"
Specified VLCM / Visible Light Camera Size	Yes, 1.3 megapixel	Yes, 1.3 megapixel	Yes, 2 megapixel
Effective Visible Light Image Size	0.3 Megapixel (640X480)	0.3 Megapixel (640X480)	0.3 Megapixel (640X480)
Image Color Palettes	4 color palettes	6 color palettes	8 color palettes
Ultra Contast	No	No	Yes
Image Storage Medium	2GB SD Memory Card	2GB SD Memory Card	2GB SD Memory Card
Image Storage Capacity	1200 .is2 or 3000 BMP	1200 .is2 or 3000 BMP	1200 .is2 or 3000 BMP or 3000 jpeg
Measurement modes	Center point	Hot, Cold, Center point	Hot, Cold, Center point
Auto Span	Yes	Yes	Yes
Color Alarms	No	No	Yes - High temp
Interfaces	SD Card	SD Card	SD Card
Voice Annotation	No	Yes	Yes
Digital Camera	Yes	Yes	Yes
IR-Fusion / "Fusion"	Yes	Yes	Yes
Battery (operating life)	NiMH Rechargeable (3-4 hours)	NiMH Rechargeable (3-4 hours)	Li-ion (4+ hours)
Encapsulation	IP54	IP54	IP54
Weight	2.65 lbs	2.65 lbs	2.3 lbs
Optional Lenses	N/A	N/A	Yes - Telephoto & Wide angle
Standard Warranty	2 Years	2 Years	2 Years
Extended Warranty	Yes	Yes	Yes