

Testo 882 Thermal Camera

Sensitivity, Resolution and Performance



Industrial and Commercial Preventive Maintenance applications are some of the most demanding work environments for use of a thermal camera. The 882 utilizes a proven design, with features that are used all day, every day. The high sensitivity 50 mK and resolution 320 x 240 make this light weight camera extremely versatile in any inspection program.

With additional features like TwinPix image blending, Isotherms and Lens Protection Glass to provide another level of assurance and flexibility to one of your most powerful inspection tools.



Features

- Large 3.5" LCD Screen
- Detector Resolution 320 x 240
 - SuperResolution 640 x 480
- <50 mK NETD sensitivity
- High Temperature Option 1022°F
- TwinPix image blending
- Solar Mode
- Isotherms
- Voice Annotation
- Lens Protection Glass
- Customizable Reporting Software

Testo Thermal Cameras

	Testo 882
Model	882
Catalog Number	0560 0882 70
Warranty	2 Years
Detector type	320 x 240 FPA Uncooled Microbolometer
Pixels	76,800
SuperResolution (4x pixel upgrade)	640 x 480 - Included
SuperResolution Pixels	76,800
Thermal sensitivity	50 mK
NIST Certification	Optional
Visual Camera	Included
Standard Lens	32° x 23° / 7" min. focus
Telephoto Lens 9° x 7° / 20" Min. focus	NA
Telephoto Lens 11° x 9° / 19" Min. focus	NA
Telephoto Lens 15° x 11° / 19" Min. focus	NA
Video output Via USB	Yes
Radiometric Video / Process Analysis	NA
Lens Protection Glass	Yes
IRSoft Analysis & Report software	Included
Image refresh rate	33 Hz
Focus mode	Manual & Motor
Image modes	IR Image, Visual Image, Image Gallery
Spectral range	8 to 14 mm
Image display	3.5" LCD 320 x 240 pixels
Menu Operation	1 button joystick
Digital Zoom	NA
Rotating Display	NA
Rotating Handle	NA
Power LED Lights	Yes
TwinPix (Visual & IR Image Blending)	Yes (with integrated camera option or import visual images into IRSOFT from any camera source or smart phone)
Panoramic Assistant	NA

	Testo 882
	NA
Site Recognition (Barcode & Database Solution)	
Temperature range	662°F
Extended High Temperature Range	1022°F Optional
Accuracy	±2% of reading
Emissivity Correction	0.01 to 1.0
Atmosphere Correction (Reflected Temperature)	NA
Measurement modes	Center Point, 2-point measurement, Auto Cold-/Hotspot, Area measurement (Min/Max & average)
Color palettes	9 (Iron, rainbow, cold-hot, blue-red, grey, inverted grey, sepia, Testo, iron HT)
Voice Annotation (30 Sec. per image)	Headset Included
Isotherm Function	Yes
ISO Certification	Optional
Solar mode (Solar Intensity Values)	Yes
Surface Moisture distribution	Yes
Humidity measurement with Radio Probe	Optional
File format	.bmt Export formats- bmp, jpg, cvs, png, xls
Storage device	2GB SD Card
Battery type	Li-ion - 4+ hour run time
Additional Battery	Optional
Battery Charging	Internal
External Rapid Charger	Optional
Operating temperature range	5°F to 104°F
Storage Range (IEC 60529)	-22°F to 140°F
Vibration (IEC 60068-2-6)	2G
Weight	2 lbs.
Dimensions (L x W x H) in inches	6" x 4.2" x 10.3"
Imager protection Class	IP 54
Hard travel case	Yes
Tripod mounting	Included
Housing	ABS Plastic
Software System requirements	Windows 8, XP(SP2), Vista, 7 and USB 2.0 Port

Information subject to change without notice.

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Ordering Information

All Thermal Cameras include the following: Hard shell storage case, 2 GB SD memory card, USB cable, IRSOFT software, power supply, battery, instruction manual and Certificate of Conformity.