

# 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		Testo 882
<b>Model</b>	882		NA
<b>Catalog Number</b>	0560 0882 70		
<b>Warranty</b>	2 Years		
<b>Detector type</b>	320 x 240 FPA Uncooled Microbolometer		
<b>Pixels</b>	76,800		
<b>SuperResolution (4x pixel upgrade)</b>	640 x 480 - Included		
<b>SuperResolution Pixels</b>	76,800		
<b>Thermal sensitivity</b>	50 mK		
<b>NIST Certification</b>	Optional		
<b>Visual Camera</b>	Included (3 mp)		
<b>Standard Lens</b>	32° x 23° / 7" min. focus		
<b>Telephoto Lens 9° x 7° / 20" Min. focus</b>	NA		
<b>Telephoto Lens 11° x 9° / 19" Min. focus</b>	NA		
<b>Telephoto Lens 15° x 11° / 19" Min. focus</b>	NA		
<b>Video output Via USB</b>	Yes		
<b>Radiometric Video / Process Analysis</b>	NA		
<b>Lens Protection Glass</b>	Yes		
<b>IRSoft Analysis &amp; Report software</b>	Included		
<b>Image refresh rate</b>	33 Hz		
<b>Focus mode</b>	Manual & Motor		
<b>Image modes</b>	IR Image, Visual Image, Image Gallery		
<b>Spectral range</b>	8 to 14 mm		
<b>Image display</b>	3.5" LCD 320 x 240 pixels		
<b>Menu Operation</b>	1 button joystick		
<b>Digital Zoom</b>	NA		
<b>Rotating Display</b>	NA		
<b>Rotating Handle</b>	NA		
<b>Power LED Lights</b>	Yes		
<b>TwinPix ( Visual &amp; IR Image Blending)</b>	Yes ( with integrated camera option or import visual images into IRRsoft from any camera source or smart phone)		
<b>Panoramic Assistant</b>	NA		
<b>Site Recognition (Barcode &amp; Database Solution)</b>			
<b>Temperature range</b>			662°F
<b>Extended High Temperature Range</b>			1022°F Optional
<b>Accuracy</b>			±2% of reading
<b>Emissivity Correction</b>			0.01 to 1.0
<b>Atmosphere Correction (Reflected Temperature)</b>			NA
<b>Measurement modes</b>			Center Point, 2-point measurement, Auto Cold-/Hotspot, Area measurement (Min/Max & average)
<b>Color palettes</b>			9 (Iron, rainbow, cold-hot, blue-red, grey, inverted grey, sepia, Testo, iron HT)
<b>Voice Annotation ( 30 Sec. per image)</b>			Headset Included
<b>Isotherm Function</b>			Yes
<b>ISO Certification</b>			Optional
<b>Solar mode (Solar Intensity Values)</b>			Yes
<b>Surface Moisture distribution</b>			Yes
<b>Humidity measurement with Radio Probe</b>			Optional
<b>File format</b>			.bmt Export formats- bmp, jpg, cvs, png, xls
<b>Storage device</b>			2GB SD Card
<b>Battery type</b>			Li-ion - 4+ hour run time
<b>Additional Battery</b>			Optional
<b>Battery Charging</b>			Internal
<b>External Rapid Charger</b>			Optional
<b>Operating temperature range</b>			5°F to 104°F
<b>Storage Range (IEC 60529)</b>			-22°F to 140°F
<b>Vibration (IEC 60068-2-6)</b>			2G
<b>Weight</b>			2 lbs.
<b>Dimensions (L x W x H) in inches</b>			6" x 4.2" x 10.3"
<b>Imager protection Class</b>			IP 54
<b>Hard travel case</b>			Yes
<b>Tripod mounting</b>			Included
<b>Housing</b>			ABS Plastic
<b>Software System requirements</b>			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, IRRsoft software, power supply, battery, instruction manual and Certificate of Conformity.

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