

## 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</p>
- High Temperature Option 1022
- TwinPix image blending
- Solar Mode

SUPER RESOLUTION

MORE PIXELS

- Isotherms
- Voice Annotation
- Lens Protection Glass
- Customizable Reporting Software

Cascade Laser Corp. 503-554-1926 info@cascadelaser.com www.cascadelaser.com





## **Testo Thermal Cameras**

	Testo 882		Testo 882
Model	882		NA
Catalog Number	0560 0882 70	City Description (Personal & Destabase Colution)	
Warranty	2 Years	Site Recognition (Barcode & Database Solution)	CC2°E
	1	Temperature range	662°F
Detector type	320 x 240 FPA Uncooled	Extended High Temperature Range	1022°F Optional
	Microbolometer	Accuracy	±2% of reading
		Emissivity Correction	0.01 to 1.0
Pixels	76,800		
SuperResolution (4x pixel upgrade)	640 x 480 - Included	Atmosphere Correction (Reflected Temperature)	NA
SuperResolution Pixels	76,800		Contor Doint 2 point
Thermal sensitivity	50 mK		Center Point, 2-point
NIST Certification	Optional		measurement, Auto Cold-
Visual Camera	Included	Measurment modes	/Hotspot,
Standard Lens	32° x 23° / 7" min. focus		Area measurement
Telephoto Lens 9° x 7° / 20" Min. focus	NA		(Min/Max & average)
Telephoto Lens 11°x 9° / 19" Min. focus	NA		+
Telephoto Lens 15°x 11° / 19" Min. focus	NA		9 (Iron, rainbow, cold-hot,
Video output Via USB	Yes	Color palettes	blue-red, grey, inverted grey,
Radiometric Video / Process Analysis	NA		
Lens Protection Glass	Yes		sepia, Testo, iron HT)
IRSoft Analysis & Report software	Included		<u> </u>
Image refresh rate	33 Hz	Voice Annotation ( 30 Sec. per image)	Headset Included
Focus mode	Manual & Motor	Isotherm Function	Yes
rocus mode		ISO Certification	Optional
Image modes	IR Image, Visual Image,	Solar mode (Solar Intensity Values)	Yes
	Image Gallery	Surface Moisture distribution	Yes
Spectral range	8 to 14 mm	Humidity measurement with Radio Probe	Optional
Image display	3.5" LCD 320 x 240 pixels	File format	.bmt Export formats-
Menu Operation	1 button joystick	File format	bmp, jpg, cvs, png, xls
Digital Zoom	NA	Storage device	2GB SD Card
Rotating Display	NA	Battery type	Li-ion - 4+ hour run time
Rotating Handle	NA	Additional Battery	Optional
Power LED Lights	Yes	Battery Charging	Internal
TwinPix ( Visual & IR Image Blending)		External Rapid Charger	Optional
	Yes ( with integrated camera	Operating temperature range	5°F to 104°F
	option or import visual		-22°F to 104°F
	images into IRSoft from any	Storage Range (IEC 60529)	
	camera source or smart	Vibration (IEC 60068-2-6)	2G
	phone)	Weight	2 lbs.
	,	Dimensions (L x W x H) in inches	6" x 4.2" x 10.3"
Panoramic Assistant	NA	Imager protection Class	IP 54
		Hard travel case	Yes
Information subject to change without notice.		Tripod mounting	Included
		Housing	ABS Plastic
		Software System requirements	Windows 8, XP(SP2), Vista,
			7 and USB 2.0 Port

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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.

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