Testo 885 Series Thermal Imagers

Sensitivity, Resolution and Performance

Industrial, Commercial and Research applications are demanding work environments for any thermal imager. The 885 Series uses a flexibly designed platform that can be vital for your application. The high sensitivity 30mK and resolution 320 x 240 make this imager extremely versatile in any inspection or research program.

With additional features like an 11º telephoto lens, objects are no longer out of reach and can be easily organized with the use of our Site Recognition bar-code and database solution. Add to all of this the ability to capture Radiometric Video for detailed frame by frame post analysis and trending, the 885 Series is in a class by itself.

SUPER RESOLUTION 4x MORE PIXELS

Features

- Large 4.3" TouchScreen
- Detector Resolution 320 x 240
    - SuperResolution 640 x 480
- <30 mK NETD sensitivity
- 11º Telephoto Lens
- High Temperature Option 2192ºF
- Site-Recognition & Database

- Fully Radiometric Video Recording
- Atmospheric Corrections
- Solar Mode
- Isotherms
- Bluetooth Voice Annotation
- Lens Protection Glass
- Customizable Reporting Software

Testo Thermal Imagers

	Testo 885 Series		
Model	885-1	885-2	885-2 DLX
Catalog Number	0563 0885 71	0563 0885 72	0563 0885 73
Warranty	2 Years		
Detector type	320 x 240 FPA Uncooled Microbolometer		
Pixels	76,800		
SuperResolution (4x pixel upgrade)	640 x 480 - Included		
SuperResolution Pixels	307,200		
Thermal sensitivity	30 mK		
NIST Certification	NIST Certification Included		
Visual Camera	Included (5 mp)		
Standard Lens	30° x 23° / 3.9" Min. focus		
Telephoto Lens 9° x 7° / 20" Min. focus	NA		
Telephoto Lens 11°x 9° / 19" Min. focus	NA	Optional	Included
Telephoto Lens 15°x 11° / 19" Min. focus	NA		
Video output Via USB	Yes		
Radiometric Video / Process Analysis	NA	Full Radiometric Video Included	
Lens Protection Glass	Optional		Yes
IRSoft Analysis & Report software	Included		
Image refresh rate	33 Hz		
Focus mode	Manual / Auto		
Image modes	IR Image, Visual Image, Image Gallery		
Spectral range	8 to 14 µm		
Image display	4.3" LCD Touchscreen 480 x 272 pixels		
Menu Operation	1 button joystick or touchscreen interface		
Digital Zoom	1 X to 3 X		
Rotating Display	Yes		
Rotating Handle	Yes		
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	Included		
Site Recognition (Barcode & Database Solution)	NA	Included	
Temperature range	662°F		
Extended High Temperature Range	NA	2192°F Optional	
Accuracy	±2% of reading		
Emissivity Correction	0.01 to 1.0		
Atmosphere Correction (Reflected Temperature)	Yes		
Measurment modes	Center Point, 3 measurement points, Auto Hot/Cold Spot Recognition, Area measurement (Min/Max & average)		
Color palettes	8 (iron, rainbow, cold-hot, blue-red, grey, inverted grey, sepia, testo)		
Voice Annotation (30 Sec. per image)	NA	Bluetooth Headset Included	
Isotherm Function	Yes		
ISO Certification	Optional		
Solar mode (Solar Intensity Values)	NA	Yes	
Surface Moisture distribution	NA	Yes	
Humidity measurement with Radio Probe	NA	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		Included
Battery Charging	Internal		
External Rapid Charger	Optional		Included
Operating temperature range	5°F to 104°F		
Storage Range (IEC 60529)	-22°F to 140°F		
Vibration (IEC 60068-2-6)	2G		
Weight	3.5 lbs.		
Dimensions (L x W x H) in inches	10" x 5.0" x 4.3"		
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		

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Information subject to change without notice.

Ordering Information

All Thermal Imagers include the following: Hard shell storage case, 2 GB SD memory card, USB cable, IRSoft software, power supply, battery, instruction manual and Certificate