

# Testo 875i Series Thermal Imagers

## Sensitivity, Resolution and Value



Quality right out of the box, with class-leading sensitivity and Testo SuperResolution option (320 x 240), this series of imagers provides the right amount of power and flexibility to provide quality thermal imaging at an affordable value.

Available in 4 variations to fit the needs of Building Science and Preventive Maintenance Professionals, the 875i Series supplies the right amount of features for any job site.



### Features

- Large 3.5" LCD Screen
- Detector Resolution 160 x 180
  - SuperResolution 320 x 240
- <50 mK NETD sensitivity
- High Temperature Option 1022°F
- TwinPix image blending
- Solar Mode
- Isotherms
- Voice Annotation
- Customizable Reporting Software

*Meets all RESNET® Standards*

Testo 875i Series			
Model	875i-1	875i-2	875i-2 DLX
Catalog Number	0563 0875 71	0563 0875 72	0563 0875 73
Warranty	2 years		
Detector type	160 x 120 FPA Uncooled Microbolometer		
Pixels	19,200		
<b>SuperResolution (4x pixel upgrade)</b>	320 x 240 - Optional	320 x 240 - Optional	320 x 240 - Optional
<b>SuperResolution Pixels</b>	76,800		
Thermal sensitivity	50 mK	50 mK	50 mK
<b>NIST Certification</b>	Optional		
Visual Camera	Included		
Standard Lens	32" x 23" / 7" min. focus		
Telephoto Lens 9" x 7" / 20" Min. focus	Optional		Included
Telephoto Lens 11" x 9" / 19" Min. focus		NA	
Telephoto Lens 15" x 11" / 19" Min. focus		NA	
Video output Via USB	Yes		
<b>Radiometric Video / Process Analysis</b>	NA		
<b>Lens Protection Glass</b>	Optional		Yes
<b>IRSoft Analysis &amp; Report software</b>	Included		
Image refresh rate	33 Hz	33 Hz	33 Hz
Focus mode	Manual	Manual	Manual
Image modes	IR Image, Visual Image, Image Gallery		
Spectral range	8 to 14 $\mu$ m		
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	NA		Yes
TwinPix ( Visual & IR Image Blending)	Yes ( with integrated camera option or import visual images into IRTsoft from any camera source or smart phone)		
<b>Panoramic Assistant</b>	NA		
<b>Site Recognition (Barcode &amp; Database Solution)</b>	NA		
Temperature range	662°F		
Extended High Temperature Range	NA		1022°F optional
Accuracy	±2% of reading		
Emissivity Correction	0.01 to 1.0		
<b>Atmosphere Correction (Reflected Temperature)</b>	NA		
Measurement modes	Center Point, Two-point measurement, Auto Hot-/Cold-Spot-recognition, Area measurement (Min-/Max-On-Area)		
Color palettes	9 (Iron, rainbow, cold-hot, blue-red, grey, inverted grey, sepia, Testo, iron HT)		
Voice Annotation ( 30 Sec. per image)	NA		Headset Included
Isotherm Function	NA		Yes
ISO Certification	Optional		
<b>Solar mode (Solar Intensity Values)</b>	Yes		
<b>Surface Moisture distribution</b>	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		
<b>Additional Battery</b>	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	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		