

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		
SuperResolution (4x pixel upgrade)	320 x 240 - Optional	320 x 240 - Optional	320 x 240 - Optional
SuperResolution Pixels	76,800		
Thermal sensitivity	50 mK	50 mK	50 mK
NIST Certification	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		
Radiometric Video / Process Analysis	NA		
Lens Protection Glass	Optional		Yes
IRSoft Analysis & Report software	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 μm		
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)		
Panoramic Assistant	NA		
Site Recognition (Barcode & Database Solution)	NA		
Temperature range	662°F		
Extended High Temperature Range	NA	1022°F optional	
Accuracy	±2% of reading		
Emissivity Correction	0.01 to 1.0		
Atmosphere Correction (Reflected Temperature)	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		
Solar mode (Solar Intensity Values)	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	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		