

# INFRARED THERMOMETERS

## MEASURES AND DISPLAYS SURFACE TEMPERATURE



- CE, UKCA and cULus Listed
- CLASS 2, IEC 60825-1:2014 Certification
- Optical resolution 12:1 (61-847) & 10:1 (61-827)
- LCD backlit display
- 2M drop protection (61-847); 1M drop protection (61-827)
- Minimum, Maximum, Average, Difference, Adjustable Emmisivity (61-847)



Complies with 21 CFR 1040.10 and 1040.11 except for conformance with IEC 60825-1 Ed. 3 as described in Laser Notice No. 56 dated May 8, 2019.



**Lanyard Tie-off Point**



**Average**



**Difference**



**Maximum**



**Minimum**





**Camera Tripod Mountable (61-847 only)**



# INFRARED THERMOMETERS

## MEASURES AND DISPLAYS SURFACE TEMPERATURE

INFRARED THERMOMETER SELECTION GUIDE		
	<b>NEW</b>	<b>NEW</b>
	<b>61-847</b>	<b>61-827</b>
<b>FEATURES</b>		
Listing	CE, UKCA, cULus	CE, UKCA, cULus
Certification	CLASS 2, IEC 60825-1:2014	CLASS 2, IEC 60825-1:2014
Wavelength	630nm-670nm	630nm-670nm
Output	< 1mW	< 1mW
Listing	cULs, CE	cULs, CE
Drop Protection	6.6 ft. (2m)	3.3 ft. (1m)
Optical Resolution (distance-to-spot)	12 : 1	10 : 1
Measurement Range	-26° - 932°F (-32° to 500°C)	-4° to 752°F (-20° to 400°C)
Laser Targeting	Dual	Single
Auto Scan	✓	—
Max/Min/Avg/Diff	✓	—
High/Low Alarm	✓	—
Data Hold	✓	✓
Lock-on (for continuous measurements)	✓	—
Emissivity	0.10 - 1.00 Adjustable	0.95 Fixed
Backlit Display	✓	✓
Display	LCD	LCD
Auto Power-Off	✓	✓
Selectable Celsius / Fahrenheit	✓	✓
Battery Type (included)	2 x 1.5V AAA	2 x 1.5V AAA
Low Battery Indicator	✓	✓
Response Time	250 ms	500 ms
Spectral Response	8 to 14µm	8 to 14µm
Warranty	2-Year*	2-Year*

\* Go to [idealind.com](http://idealind.com) for complete warranty information  
Specifications are subject to change without notice.



Scan this QR code with  
your smartphone to see  
more about the infrared  
thermometers.



IDEAL INDUSTRIES, INC.

IDEAL INDUSTRIES EMEA

Unit 3, Europa Court, Europa Boulevard, Warrington, WA5 7TN, UK | +44 (0)1925 444 446 | [eur.sales@idealindustries.com](mailto:eur.sales@idealindustries.com)

International offices:

Australia • Canada • China • India • Germany • Mexico • Middle East • UK

For complete sales office contact information, visit us at:

[www.idealind.com](http://www.idealind.com)