



TECHNICAL DATA

Specifications

Temperature Range:
Accuracy:

-26 to 2282°F (-32 to 1250°C)
Basic: ±1.8% of reading or 3.6°F (1.8°C)

Detailed: ≥0°C: ±1.8°C or ±1.8% of reading, whichever is greater
<0°C: ±(1.8°C+0.1°C/°C)
≥32°F: ±3.6°F or ±1.8% of reading, whichever is greater
<32°F: ±(3.6°F+0.1°F/°F)
0.1°F (0.1°C)

Resolution:
Optical Resolution (D:S):
Repeatability:

50:1
0.8°C or 0.8%,
whichever is greater
(1.8°F or 0.8%, whichever is greater)

Dual Laser:
Spectral Response:
Emissivity:
Response Time:
Backlit Display:
Display Hold:
High/Low Alarms:
Alarm Indicators:
Max/Min:
Average and Differential:
F/C Switchable:
Trigger Lock:
Internal Memory:
Tripod Mountable:
Laser Class:
Low Battery Indicator:
Power Supply:
Battery Life:

Yes
8 to 14µm
0.1 to 1.0 (Adjustable)
250ms
Yes (Color EBTN)
Yes
Yes (audible and visual)
LED (High: Red, Low: Blue)
Yes
Yes
Yes
Yes
Class II
Yes
9V Battery
Approx. 10 hours
(with continuous use,
backlight on)

Product Certifications:
Operating Temperature:
Storage Temperature:
Operating Humidity Range:
Maximum Operating Altitude:
Maximum Storage Altitude:
Dimensions:
Weight:

CE, RoHS
32 to 122°F (0 to 50°C)
-4 to 140°F (-20 to 60°C)
10 to 90%
6561' (2000m)
39370' (12000m)
7 x 4.98 x 2"
(179 x 126.5 x 53mm)
10.95oz (310g)

Features

- Built-in laser pointer identifies target area
- User selectable °F or °C
- 50:1 Distance to Spot size ratio
- Bright color display (EBTN)
- Digitally adjustable emissivity
- Max, Min, Average and Differential readings
- Audible (beep) and visual (tri-color LED) user adjustable alarms
- Internal memory stores up to 5 pre-set high & low alarms and 5 emissivity settings
- Trigger lock and tripod mount for continuous monitoring
- Low battery indication and auto shut off
- Includes carrying case and battery

Tri-color LEDs quickly indicate when temperatures are within (green), above (red) or below (blue) set parameters.



Model	Description
R2330	Infrared Thermometer
R2330-NIST	Infrared Thermometer with NIST