

TECHNICAL DATA

Specifications

Temperature Range:

Accuracy:

-26 to 1472°F (-32 to 800°C)

Basic:

±1.8% of reading or 3.6°F [1.8°C],

"or": choose whichever is greater

Detailed:

≥0°C: ±1.8°C or ±1.8% of reading,

"or": choose whichever is greater

Detailed

<0°C: ±(1.8°C+0.1°C/°C)

≥32°F: ±3.6°F or ±1.8% of reading,

"or": choose whichever is greater

<32°F: ±(3.6°F+0.1°F/°F)

0.1°F [0.1°C]

30:1

Resolution:

Optical Resolution (D:S):

Repeatability:

0.7°C or 0.7%,

whichever is greater

[1.5°F or 0.7%,

whichever is greater]

Spectral Response:

Emissivity:

Response Time:

Backlit Display:

Display Hold:

High/Low Alarms:

Alarm Indicators:

Max/Min:

Average and Differential:

F/C Switchable:

Trigger Lock:

Tripod Mountable:

Laser Class:

Low Battery Indicator:

Power Supply:

Battery Life:

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

Yes

Class II

Yes

9V Battery

Approx. 10 hours

(with continuous use,

backlight on)

CE, RoHS

Product Certifications:

Operating Temperature:

Storage Temperature:

Operating Humidity Range:

Maximum Operating Altitude:

Maximum Storage Altitude:

Dimensions:

Weight:

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
- 30:1 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
R2320	Infrared Thermometer
R2320-NIST	Infrared Thermometer with NIST