REED INSTRUMENTS

The Right Source.
The Right Solutions.

1 REED YEAR WARRANTY

INFRARED THERMOMETER

TECHNICAL DATA

FEATURES

- Dual lasers identify exact measuring spot where they converge
- Optical Resolution: 50:1 (Distance : Spot size)
- Adjustable emissivity from 0.10 to 1.00
- Fast 150ms response time
- Type K thermocouple input
- Air temperature, humidity, dew point and wet bulb temperature measurement
- Max, Min, Avg and Diff displays
- Adjustable Hi/Lo set points with audible alarm
- Trigger lock feature for continuous monitoring
- 2.2" TFT colour LCD and built-in 640 x 480 pixels camera
- Supports image (JPEG) and video (AVI) capture alerts
- Transmit images and videos via USB interface
- 72MB internal memory with MicroSD memory card extension
- Datalogging capabilites with date and time
- Includes type K thermocouple probe, AC adapter, USB adapter, mini-tripod, and hard carrying case

SPECIFICATIONS

IR Temp. Range: -50 to 2200°C (-58 to 3992°F)
Accuracy: <20°C (68°F): ±3.5°C (6.3°F); 20 to 500°C (68 to 932°F): 1% ±1.0°C (1.8°F); 500 to 100°C (932 to 1832°F): ±1.5%; >1000°C (1832°F): ±2.0%
Resolution: <1000°: 0.1°C/°F; >1000°: 1°C/°F
Optical Resolution: 50:1
Spectral Response: 8 to 14µm
Emissivity: Digital adjustable from 0.10 to 1.00
Response Time: 150ms
Type K Temp. Range: -50 to 1370°C (-58 to 2498°F)
Accuracy: ±0.5% or ±0.5°C (0.9°F)
Air Temp. Range: 0 to 50°C (32 to 122°F)

NIST TRACEABLE CERTIFICATION Available!

RoHS

Dew Point & Wet Bulb Temp. Range: 0 to 50°C (32 to 122°F)
Accuracy: <40°C: ±0.5°C (0.9°F); >40°C: ±1.0°C (1.8°F)
Humidity Range: 0 to 100% RH
Accuracy: ±3%: 40 to 60%; ±3.5%: 20 to 40% & 60 to 80%; ±5%: 0 to 20% & 80 to 100%
Power Supply: Rechargeable battery
Dimensions: 8.1 x 2.4 x 6.1" (205 x 62 x 155mm)
Weight: 14.5 oz (410g)

ORDERING INFORMATION

R2020 .. Infrared Video Thermometer/Datalogger
SD-MINI (8GB) ..... 8GB Micro SD Memory Card
CERTIIR2 .....NIST Calibration Certificate
R2020-NIST ..... Video Thermometer & NIST

1-877-849-2127 | info@reedinstruments.com
www.reedinstruments.com