

INFRARED THERMOMETERS & THERMAL CAMERAS

INFRARED THERMOMETERS

- Built-in laser pointer identifies target area
- Digitally adjustable emissivity
- Max, min, average and differential readings
- Backlit display
- High and low alarms
- Low battery indication and auto shut-off
- Temperature Range: -25.6° - 752° F (-32° - 400° C)
- Spot Size Ratio: 12:1
- Emissivity: Adjustable
- Accuracy: $\pm 4^{\circ}\text{F}(2^{\circ}\text{C})$ or $\pm 2\%$ rdg.



IB967

REED

Model No.	Mfg. No.	Description	Price/Each
IB967	R2300	Infrared Thermometer	
IB968	R2300-NIST	Infrared Thermometer with ISO Certificate	

PROFESSIONAL INFRARED THERMOMETERS

- Includes a bright colour display for ease of use in both sunlight and dimly lit environments
- Tri-colour LEDs quickly indicate when temperatures are within set parameters (green), above (red) or below (blue)
- Built-in laser pointer identifies target area
- User selectable °F or °C
- Digitally adjustable emissivity
- Audible (beep) and visual (tri-colour LED) user adjustable alarms
- Internal memory stores up to 5 pre-set high & low alarms and 5 emissivity settings
- Trigger lock for continuous monitoring and auto shut-off
- Features low battery indication
- Temperature Range: -26 - 1472° F (-32 - 800° C)
- Spot Size Ratio: 30:1
- Emissivity: Adjustable, 0.1 - 1.0
- Response Time: 250 ms



IC114

REED

Model No.	Mfg. No.	Description	Price/Each
IC114	R2320	Infrared Thermometer	
IC115	R2320-NIST	Infrared Thermometer with ISO Certificate	

INFRARED THERMOMETERS

- Built-in laser pointer identifies target area
- Digitally adjustable emissivity
- Max, min, average and differential readings
- Backlit display
- High and low alarms
- Low battery indication and auto shut-off
- Includes carrying case and battery
- Temperature Range: -31° - 1202° F (-35° - 650° C)
- Spot Size Ratio: 12:1
- Emissivity: Adjustable
- Accuracy: $\geq 32^{\circ}\text{F}(0^{\circ}\text{C})$: $\pm 3.6^{\circ}\text{F}(1.8^{\circ}\text{C})$ or $\pm 1.8\%$ rdg., whichever is greater < $32^{\circ}\text{F}(0^{\circ}\text{C})$: $\pm 3.6^{\circ}\text{F} + 0.1^{\circ}\text{F}(1.8^{\circ}\text{C} + 0.1^{\circ}\text{C})/\text{rdg.}$



IB965

REED

Model No.	Mfg. No.	Description	Price/Each
IB965	R2310	Infrared Thermometer	
IB966	R2310-NIST	Infrared Thermometer with ISO Certificate	

INFRARED THERMOMETER

- Built-in laser pointer identifies target area
- User selectable °F or °C
- Bright colour display (EBTN)
- Digitally adjustable emissivity
- Max, Min, Average and Differential readings
- Audible (beep) and visual (tri-colour 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: Infrared thermometer, Carrying case, Battery
- Temperature Range: -26° - 2282° F (-32° - 1250° C)
- Spot Size Ratio: 50:1
- Emissivity: Adjustable
- Resolution: 0.1°F (0.1°C)
- Repeatability: 0.8°C or 0.8% (1.8°F or 0.8%) Whichever is Greater
- Spectral Response: 8 to 14µm
- Response Time: 250 ms
- Power Supply: 9V Battery
- Battery Life: Approximately 10 Hours (Continuous Use With Backlight On)
- Maximum Operating Altitude: 6561' (2000 m)
- Maximum Storage Altitude: 39370' (12000m)



REED

Model No.	Mfg. No.	Description	Price/Each
IC537	R2330	Infrared Thermometer	
IC539	R230-NIST	Infrared Thermometer with ISO certification	

INFRARED VIDEO THERMOMETER

- Dual lasers identify exact measuring spot where they converge
- Optical Resolution: 50:1 (Distance: Spot size)
- Fast 150ms response time
- 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 capabilities with date and time
- Includes type K thermocouple probe, AC adapter, USB adapter, mini-tripod, and hard carrying case



IA977

SPECIFICATIONS:

IR Temp. Range:	-58 to 3992°F (-50 to 2200°C)
Spectral Response:	8 to 14µm
Type K Temp. Range:	-58 to 2498°F (-50 to 1370°C)
Air Temp. Range:	32 to 122°F (0 to 50°C)
Dew Point & Wet Bulb Temp. Range:	32 to 122°F (0 to 50°C)
Humidity Range:	0 to 100% RH

REED

Model No.	Mfg. No.	Description	Price/Each
IA977	R2020	Infrared Video Thermometer/Datalogger	
OM464	SD-MINI (8GB)	8GB Micro SD Memory Card	

THERMAL IMAGING CAMERA

- Features a rugged IP65 rated double-molded housing
- Has the ability to display hot and cold spot temperatures
- Built-in LED flashlight
- Choice of 5 colour palettes
- High and low temperature spots and alarm indicators
- Dustproof and drop tested
- Rechargeable li-ion battery
- Tripod mountable for continuous long-term monitoring
- View stored data with included software
- Low battery indication and auto shut-off
- Includes: USB cable, Lens cover, 16GB micro SD card, Soft carrying case
- Display Size: 2.8"
- Display Type: Built-in
- Field of View: 56 x 42°
- Accuracy: $\pm 3.6^{\circ}\text{F}(2^{\circ}\text{C})$ or $\pm 2\%$ of reading
- Emissivity: Adjustable (0.01 - 0.99)



REED

Model No.	Mfg. No.	Resolution	Thermal Sensitivity	Temperature Range	Price /Each
IC544	R2160	160 x 120 pixels	50 mK	-10° - 400°C (14° - 752°F)	