



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Dual Laser InfraRed Thermometers

Dual Laser Targeting

Indicates ideal measuring distance. Choose from 12" or 30" distance model where two laser points converge to 1" target spot

Features:

- Dual laser for accurate target
- White backlit dual LCD display
- Fast 0.15 second response time with Max display
- Adjustable emissivity increases measurement accuracy for different surface
- Adjustable High/Low set points with audible alarm alerts user when temperature exceeds the programmed set points
- Lock function for continuous readings
- Double molded housing
- Complete with pouch case and 9V battery



Dual Laser

Our Fastest and Easiest-to-use IR Thermometer

- ✓ Dual lasers identify exact measuring spot when they converge to a single spot
- ✓ 30" or 12" distance models
- ✓ Fast response is ideal for quick checks of multiple spots in a process or for catching spikes in temperature



Fast response captures hot spots



Two laser points converge at a distance of 30"/76.2cm (model 42512) or 12"/30.5cm (model 42511) and form a 1" (2.5cm) spot.



Max hold indicates and holds the peak temperature for easy identification of hot spots

Specifications	42511	42512
Laser Convergence Distance	12" (30.5cm)	30" (76.2cm)
Range	-58 to 1100°F (-50 to 600°C)	-58 to 1832°F (-50 to 1000°C)
Repeatability	±0.5% or 1.8°F/1°C	±0.5% or 1.8°F/1°C
Basic Accuracy	±(1% of rdg + 2°F/1°C)	±(1% of rdg + 2°F/1°C)
Max resolution	0.1°F/°C	0.1°F/°C
Emissivity	0.10 to 1.00 Adjustable	0.10 to 1.00 Adjustable
Field of View (Distance to Target)	12:1	30:1
Dimensions	5.7x4x1.6" (146x104x43mm)	5.7x4x1.6" (146x104x43mm)
Weight	5.7oz (163g)	5.7oz (163g)

Ordering Information:

- 4251112" distance Dual Laser InfraRed Thermometer
 4251230" distance Dual Laser InfraRed Thermometer
 42512-NIST30" dist. Dual Laser InfraRed Thermometer w/ Calibration Traceable to NIST.

