



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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Digital InfraRed Video Thermometer

2.2" Color TFT LCD and Built-in 640 x 480 Camera

With a microSD card for capturing images (JPEG) and video (3GP) for viewing on your PC

Features:

- Dual laser indicates ideal measuring distance where the two laser points converge to a 1" target spot
- Fast 150 millisecond response time
- Color LED bargraph for viewing trends
- Type K Thermocouple input
- Air Temperature and Relative Humidity measurement
- Adjustable emissivity increases measurement accuracy for different surfaces
- Adjustable High/Low set points with audible alarm alerts user when temperature exceeds the programmed set points
- MAX/MIN/AVG/DIF functions
- Trigger lock function for continuous readings
- USB interface
- Auto power off
- Double molded housing
- Complete with microSD card, general purpose Type K bead wire probe, USB cable, rechargeable 3.7V battery, and carrying case



Dual Laser

Easy-to-use IR Thermometer

- ✓ Dual lasers identify exact measuring spot when they converge to a single spot
- ✓ 50" distance to 1" target



Large 2.2" color video LCD displays measurement area with temperature/humidity, min/max/avg, date, and time stamp



Upload images and videos to a PC or laptop for further analysis or use for report documentation.

Specifications

Laser Convergence Distance	50" (127cm)
IR Temperature Range	-58 to 3992°F (-50 to 2200°C)
Repeatability	±0.5% or 1.8°F/1°C
Basic Accuracy	±(1% of rdg + 4°F/2°C) (31 to 212°F)
Max resolution	0.1°F/°C
Emissivity	0.10 to 1.00 Adjustable
Field of View (Distance to Target)	50:1
Type K Temperature Range	-58 to 2498°F (-50 to 1370°C)
Air Temperature Range	32 to 122°F (0 to 50°C)
Relative Humidity	0 to 100%RH
LCD Display	2.2" TFT 320 x 240 pixels
Camera	640 x 480 pixels
Dimensions	7.4x6.0x2.2" (189x152x57mm)
Weight	17.4oz (494g)

Ordering Information:

VIR50.....Dual Laser Video IR Thermometer

VIR50-NISTL*VIR50 with Certificate of Traceability to NIST

BATT-37VRechargeable 3.7V battery

*VIR50-NISTL - Limited NIST for Certificate of Traceability to type K and max IR Temperature of 1500°F (815°C)

