



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







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

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

Specifications Laser Convergence Distance 50" (127cm) -58 to 3992°F (-50 to 2200°C) **IR Temperature Range** Repeatability ±0.5% or 1.8°F/1°C \pm (1% of rdg + 4°F/2°C) (31 to 212°F) **Basic Accuracy** Max resolution 0.1°F/°C Emissivity 0.10 to 1.00 Adjustable Field of View (Distance to Target) 50:1 -58 to 2498°F (-50 to 1370°C) Type K Temperature Range 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 Certifcate of Traceability to type K and max IR Temperature of 1500°F (815°C)

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