

Handheld Thermal Camera Model - TG-301

FEATURES:

- * One Navigator Key Operation
- * True D/S 30:1 with precise laser indication.
- * Simple, Smart, Precise and Versatility.
- * Alkaline AA size x 3 Batteries
- * SD Card of 2GB is available.
- * Compact UV refrigerant leak detector with 5UV/Blue LEDs
- * Ergonomically designed pistol grip housing with excellent industrial Design

ELECTRICAL SPECIFICATIONS:

- Temperature Range: -30 °C to 650 °C (-22 °F to 1202 °F)
- Accuracy: ±1.5 °C or ±1.5% of reading ±2.0 °C at -10 °C to 0 °C ±3.0 °C at -30 °C to -10 °C
- Response Time(95%): <300 ms (95% of reading)
- Optical Resolution: 30:1 (calculated at 95% energy)
- Display Resolution: 0.1 °C (0.2 °F)
- Repeatability of Readings: ±0.5% of reading or < ±0.5°C (1°F), whichever is greater

GENERAL SPECIFICATIONS:

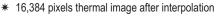
- Operating Temp. & Humidity: -10 °C to 50 °C (14 °F to 122 °F),10 % to 90 % RH
- Storage Temperature: -20 °C to 60 °C (-4 °F to 140 °F)
- Operating Altitude: Upto 2000 meters above mean sea level.
- Power: AA x 3 batteries
- . Battery Life: 16 hours with laser and backlight on
- Weight: Approx. 300 g
- Dimension: (185 x 51 x 100) mm (7.29 x 2.01 x 3.94) inches
- Standard Accessories: User Manual, Batteries, SD Card, USB Cable & carrying case.

SAFETY:

- Vibration and Shock: IEC 68-2-6 2.5 g, 10 to 200 Hz, IEC 68-2-27, 50 g, 11 ms
- EMC: EN 61326-1:2006, EN 61326-2:2006
- Compliance and Laser Safety: EN/IEC 61010-1: 2001, EN 60825-1 Class II

SD CARD & PC CONNECTION

- SD Card of 2GB is available.
- * 2GB SD Card is inserted left side of the Thermal Image Camera.
- f * USB slot is also given to directly connect to the PC and view the image.
- * Connect any USB Cable to the PC and the Imager TG-301 should be in OFF mode then connect to the PC. If in ON mode the USB cannot be connected to show files.
- * In Thermal Image Camera the menu option the saved images can be seen directly on the screen of image camera.
- * When connected to the PC with USB cable do not ON the imager. It will not start.



- * Bright flashlight with 5 white LEDs
- * 160x128 pixel 1.77 inches TFT-LCD Display
- * Key chain with wrist strap for carrying convenience





THERMAL IMAGING:

• Imaging Detector : IR Array

• Image Resolution: 16,384 pixels (128 x 128 pixels)*

Field of View (H X W): 30 °
 Upper Sense Range: 650 °C

• Thermo Imaging Sensitivity: 150 mK

• Color Palettes: 3 (Grey Scale, Hot Iron, Rainbow)

Saved Image Format : Bitmap (BMP) Image with Temperature

and Emissivity

All Specifications are subject to change without prior notice.



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