**SERIES TIC THERMAL IMAGING CAMERA**

160 x 120 Resolution, Visual Light/Thermal Blended View

The series TIC thermal imaging camera allows users to see heat contrasts to prevent plant equipment failures, detect air leaks in buildings, and many more applications. Infrared radiation is given off by objects according to how warm they are, and the camera translates the measured levels into visual light on the bright 2.5” x 2.0” 160 x 120 resolution LCD. For increased differentiation among temperatures, the camera can automatically adjust the color band for a narrower range of temperatures throughout the –4 to 462°F (-20 to 250°C) temperature range of the camera. Besides taking spot measurements, the camera can also be set for isothermal, area, or profile analysis. All cameras include a Li-Ion battery, battery charger, docking station, SD memory card, SD memory card reader, sun shield, lens cap, video cable, standard reporting software, and a calibration report. A Bluetooth® earphone and USB cable are included to prevent plant equipment failures, detect air leaks in buildings, and many more applications.

**SPECIFICATIONS**

- **Measurement Range:** IR6: -76 to 1600°F (-60 to 900°C); IR7: -76 to 1832°F (-60 to 1000°C).
- **Operating Range:** 32 to 122°F (0 to 50°C).
- **Accuracy:** ±2% of readings or 4°F (2°C) whichever is greater.
- **Resolution:** 0.1°F (0.1°C).
- **Response Time:** 1 s.
- **Distance to Target:** IR6: 30:1; IR7: 50:1.
- **Emissivity:** 0.95 default – adjustable 0.10 to 1.00 in 0.01 steps.
- **Power Requirements:** (2) AAA alkaline batteries, included, user replaceable.
- **Battery Life:** 180 hours continuous use.
- **Units:** User selectable F or C.
- **Weight:** 13.62 oz (386.1 g).
- **Agency Approvals:** CE.

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<td><strong>Model</strong></td>
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**ACCESSORIES**

- A-TIC-CC: Hard carrying case
- A-TIC-AC: AC power adapter
- A-TIC-PC: Car charger
- A-TIC-BA: Replacement battery for Series TIC
- A-TIC-BC: Replacement battery charger

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