

ICI | ToughCam



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We are IR™

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The ICI Toughcam infrared camera is equipped with 4 movable measurement points and 3 area boxes with tracking cursors. Image Resolution is 160x120 and has a temperature measurement range of -20 °C to 600 °C. Voice annotation is possible for a full 40 seconds per image. Its lithium ion battery has a 3 hour battery life per charge. The ICI ToughCam offers optional lenses to further customize the camera to your application needs and has SD storage, case, strap, USB/RCA cable & charger.

Features

- 2.8" LCD Screen
- 40 Seconds Voice Annotation
- Optional 1200°C Temp Range
- 4 movable measurement points
- 3 area boxes with cursors
- Laser Pointer
- Lithium Ion Battery, rechargeable

Specifications

- **Detector Array:**
Uncooled FPA Microbolometer
- **Pixel Pitch:** 17 μ m
- **Pixel Resolution:** 160x120
- **Spectral Band:** 7 μ m to 14 μ m
- **Thermal Sensitivity (NETD):**
< 0.03 °C at 30 °C (30 mK)
- **Frame Rate:** 60 Hz
- **Temperature Range:**
Standard: -20 °C to 600 °C
Optional: 600 °C to 1200 °C
- **Operation Range:** -40 °C to 70 °C
- **Accuracy:** \pm 2 °C
- **Pixel Operability:** > 99 %
- 3 G Shock/ 3 G Vibration
- **Dimensions** (without lens):
230 x 105 x 245 mm (H x W x D \pm .5mm)
- **Weight** (including battery): 538.6 g
- **Screen:** High resolution color
2.8" (71.12 mm) LCD Screen
- **Memory:** SD Card
- **Battery:** Li-Ion, rechargeable
- USB Interface
- Built in Shutter



Applications

- Plant/General Maintenance
- HVAC/R
- Transportation/Automotive
- Cooling and reheating
- Service Areas
- Food Service Equipment
- Electrical Inspections
- Home Contractor Inspections

Lens & Software Options

- 2x Telephoto Optic
- 2x Wide Angle Optic
- Heavy duty carrying case
- Shoulder strap
- 2 batteries (Li-Ion, rechargeable)
- Battery charger
- Lens cap
- Adumbral cover
- Optional Temp. Range up to 1200 °C

