

ICI | DuraCam XT Series



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We are IR™

ICI | DuraCam XT Series

DuraCam XT is an 384x288 resolution uncooled infrared camera designed for portability and usability in mind. It has 5 movable spots, and areas as well as 2 movable lines. The DuraCam XT has audio and data transmission by Bluetooth. It also has 11 color palettes and can take you from 8 GB up to a 32 GB SD card for plenty of photos. Use the built in microphone so you can record 60 second voice annotations for each thermal image saved in JPEG format. USB provides for measurable image transfer. Includes ICI Reporting Software.



Features

- Optional High Temp Calibration
- 60 sec Voice Annotation
- JPG Image Format
- 5 movable spots
- 5 movable areas
- 2 movable lines
- 11 color palettes
- Rugged Enclosure
- Small Size
- Light Weight
- Low Power

Specifications

- **Detector Array:** UFPA Microbolometer
- **Pixel Pitch:** 17 μm
- **Pixel Resolution:** 384x288
- **Spectral Band:** 7 μm to 14 μm
- **Thermal Sensitivity (NETD):** < 0.03 $^{\circ}\text{C}$ at 30 $^{\circ}\text{C}$ (30 mK)
- **Frame Rate:** 50 Hz P-Series or 9 Hz S-Series
- **Dynamic Range:** 14-bit
- **Temperature Range:**
Standard: -20 $^{\circ}\text{C}$ to 650 $^{\circ}\text{C}$
Optional: 600 $^{\circ}\text{C}$ to 1200 $^{\circ}\text{C}$ or 2000 $^{\circ}\text{C}$
- **Operation Range:** 15 $^{\circ}\text{C}$ to 50 $^{\circ}\text{C}$
- **Storage Range:** -40 $^{\circ}\text{C}$ to 70 $^{\circ}\text{C}$
- **Accuracy:** $\pm 2^{\circ}\text{C}$
- **Pixel Operability:** > 99 %
- 75 G Shock / 4 G Vibration
- **Dimensions** (without lens): 245 x 105 x 230 mm (H x W x D $\pm .5$ mm)
- **Weight** (without lens): 1129 g (2.78 lbs)
- **Memory Card:** SD Card up to 32 GB
- USB 2.0 for Power & Data
- Built in Shutter

Applications

- Electrical inspection
- Coal mining
- Oil industry
- Building inspection
- Steel industry
- Scientific Research
- HVAC/R
- Home Contractor Inspections

Options & Accessories

- 2x Telephoto Optic
- 2x Wide Angle Optic
- Carrying case & Lens cap
- 2 Lithium batteries & charger
- Video out cable, USB cable, TF card & reader
- User manual & software
- External 0.5x wide-angle lens (optional)
- External 2x telescopic lens (optional)
- Sun shield patch(optional)
- Euro, British, Australian standard plug (optional)
- Power adapter (optional)
- Optional High Temp Calibration

