

ICI | DuraCam X



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We are IR™

ICI | DuraCam X

The DuraCam X is a great infrared imaging camera made for the budget minded person. This 384x288 thermal camera has 4 movable spots, 3 movable areas, and 3 movable lines that you can use. It also has 11 color palettes and can take you from 2GB up to a 16GB SD card for plenty of photos. You can also use the convenient built in microphone so you can record numerous 60 second voice annotations for each thermal image saved in JPEG format. USB provides for measurable image transfer. Includes ICI Reporting Software.

Features

- 60 sec Voice Annotation
- JPG Image Format
- 4 movable spots
- 3 movable areas
- 3 movable lines
- 11 color palettes
- Rugged Enclosure
- Small Size
- Light Weight
- Low Power

Specifications

- **Detector Array:**
Uncooled FPA Microbolometer
- **Pixel Pitch:** 17 μ m
- **Pixel Resolution:** 384x288
- **Spectral Band:** 8 μ m - 14 μ m
- **NETD Sensitivity:** <.08 $^{\circ}$ C at 30 $^{\circ}$ C
- **Frame Rate:** 50Hz (P Series)
or 9Hz (S Series)
- **Dynamic Range:** 14 bit
- **Temp Range:** -20 $^{\circ}$ C to 650 $^{\circ}$ C
Optional: 600 $^{\circ}$ C - 1200 $^{\circ}$ C
- **Operation Range:** 15 $^{\circ}$ C to 50 $^{\circ}$ C
- **Storage Range:** -40 $^{\circ}$ C to 70 $^{\circ}$ C
- **Emissivity:** Variable, 0.01 to 1.0
- **Accuracy:** +/- 2 $^{\circ}$ C
- **Drop Test:** 2m
- 25G Shock / 2G Vibration
- 75G Shock / 4G Vibration
- **Dimensions:** without lens
230mmx105mmx245mm
(HxWxD +/- .5mm)
- **Weight:** 98kg - without lens
- **Memory Card:** SD Card
- **Pixel Operability:** >99%
- 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)

