



ICI FM 320 Series



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ICI FM 320 Series

The ICI FM 320 is an uncooled FPA thermal imaging camera system with a 384x288 pixel resolution. The FM 320 P features accurate temperature measurement, 2x & 4x Digital Zoom, up to 8 channels, and can save by RAW, AVI and CSV formats. The FM 320 is suitable for a wide variety of applications including electrical inspections, petrochemical, iron and steel, scientific research, fire-fighting, building inspections, process control, medical, veterinarian, and more.



Features

- Color Alarm (Isotherm)
- Recording video Clip (avi)
- Hot/Cold Spot Tracker
- Various Color Palettes
- Ethernet (RJ 45)
- 2x & 4x Digital Zoom
- 8 channels



Specifications

- **Detector Array:** UFPA
- **Pixel Resolution:** 384x288
- **Spectral Band:** 8 μ m-14 μ m
- **NETD Sensitivity:** <.08°C at 30°C
- **Frame Rate:** 50Hz P-Series or 9Hz S-Series
- **Dynamic Range:** 14 bit
- **Temp Range:** -20°C to 120°C or 0°C to 500°C (optional)
- **Operation Range:** -15°C to 50°C
- **Accuracy:** +/- 2°C
- **Pixel Operability:** >99%
- **Dimensions:** 183mmx78mmx68mm (HxWxD +/- .5mm) - without lens
- **Weight:** 500 Grams - without lens
- **Battery:** 12 VDC : 5W
- **Video:** RAW, AVI, and CSV

Applications

- Insulation Inspections
- Scientific Research
- Predictive Maintenance
- Reliability Engineering
- Medical Imaging
- Robotics
- HVAC
- Security
- Electrical



Lens & Software Options

- Outdoor Housing Germanium Window
- Encapsulation: IP 66 (optional)
- 650°C High Temp. Mode (optional)
- Motorized (optional)
- Athermalized (optional)
- Optic Zoom lens (optional)

