

# ICI FM640 C-Series



The ICI FM640 C-Series is an uncooled FPA thermal imaging camera system which features ultra-high resolution in 640x480 pixels. The FM640 C features accurate temperature measurement, 2x & 4x Digital Zoom, up to 8 channels, and can save by RAW, avi and csv formats. The FM640 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

- FPA micro-bolometer(uncooled)
- 640x480 Pixel array
- 50Hz Frame Rate
- Color Alarm(Isotherm)
- 12 VDC : 5W
- Recording video Clip(avi)
- Hot/Cold Spot Tracker
- Various Color Palettes
- Ethernet(RJ 45)

## Applications

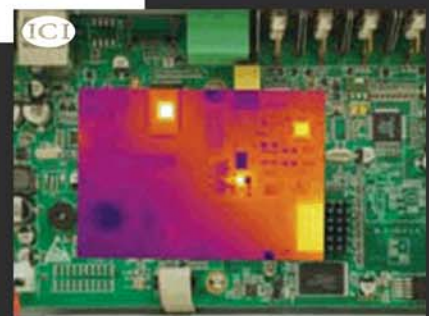
- Insulation Inspection
- Scientific Research
- Predictive Maintenance
- Reliability Engineering
- Medical Imaging
- Robotics
- HVAC
- Security
- Electrical

## Options & Accessories

- Outdoor Housing w/Germanium Window (*optional*)
- <55mK(*optional*)
- Motorized
- Athermalized and Optic Zoom lens(*optional*)
- -20C to 650C(*optional*)

## Specifications

- FPA 640x480
- 8µm-14µm Spectral Response
- 14 bit Dynamic Range
- <75mk Thermal Sensitivity
- -15C to 50C Oper. Range
- -20C to 120C Temp Range
- ±2°C or 2% Accuracy
- 183 x 78 x 68 (HxWxD +/- .5mm)
- 630 Grams without lens



## Infrared Cameras Inc

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