

# ICI | FM 640 P Series IR Camera

FDA  
510 (k)



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**We are IR™**

# ICI | FM 640 P Series IR Camera

The ICI FM 640 P Series IR Camera is a skin temperature screening infrared camera system with a 640x512 pixel resolution. It features high accuracy as well as sound and image capture alarms. On-line artificial intelligence algorithm to measure across large areas. This makes the FM 640 perfect for non-contact temperature measurement and radiometric imaging in public areas. Meets ISO/TR 13154 standards.



## Features

- Automatic Alarm Capture
- Sound Alarm
- Continuous Video Recording
- Hot Spot Tracker
- Synchronous Display
- Intelligent Calibration

## Applications

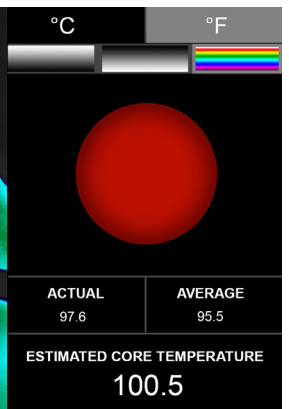
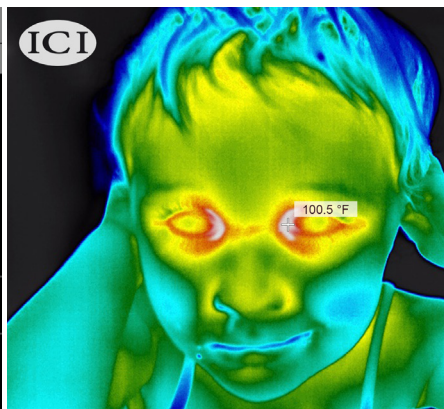
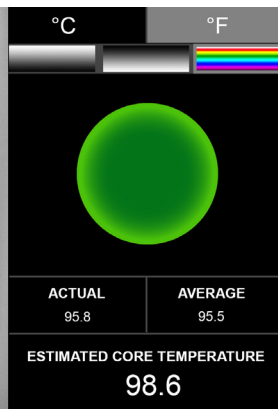
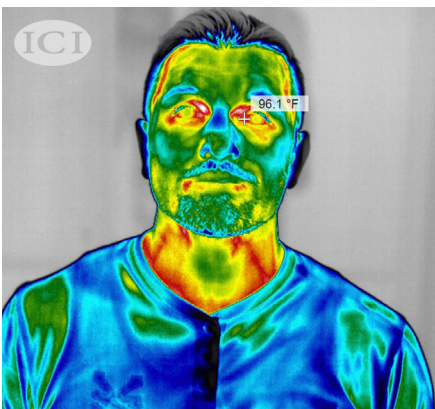
- Skin Temperature Screening
- Radiometric Imaging
- Public Screening
- Scientific Research

## Specifications

- **Detector Array:** Uncooled FPA
  - **Pixel Resolution:** 640x512
  - **Spectral Band:** 8  $\mu\text{m}$  to 14  $\mu\text{m}$
  - **Thermal Sensitivity (NETD):** < 0.05  $^{\circ}\text{C}$  at 30  $^{\circ}\text{C}$  (50 mK)
  - **Frame Rate:** 30 Hz
  - **Temperature Range:** 20  $^{\circ}\text{C}$  to 50  $^{\circ}\text{C}$
  - **Operation Range:** 0  $^{\circ}\text{C}$  to 50  $^{\circ}\text{C}$
  - **Storage Range:** 0  $^{\circ}\text{C}$  to 50  $^{\circ}\text{C}$
  - **Video:** RAW, AVI, and CSV
  - **Accuracy:**  $\pm 0.3$   $^{\circ}\text{C}$
  - **Pixel Operability:** > 99 %
  - **Visible Camera:** 1920x1080
  - **Data Transmission:** RJ-45 Ethernet
- Recommended System Requirements:**  
 Processor: i5 or above  
 RAM: 4 GB or above  
 OS: Windows 8/8.1/10  
 Hard Drive: 256 GB or above

## Included Accessories

- Blackbody
- Integrated Visible Camera



FDA 510(k) Clearance. These systems are intended to be used adjunctively and not as a standalone device.