

ICI

FM 640+ P SERIES IR CAMERA



INFRARED CAMERAS INC.

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The ICI FM 640+ P Series IR Camera is an infrared skin temperature screening system with the ability to report the total number of persons scanned as well as alarm events. With a 640 x 512 pixel resolution, the FM 640+ P features high accuracy and an AI algorithm to measure across large areas. This makes the the system perfect for non-contact temperature measurement and radiometric imaging in public areas. Elevated skin temperatures trigger an alarm sound and image capture features for ease of use.

Features

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

Specifications

- **Detector Array:** Uncooled FPA
- **Pixel Resolution:** 640 x 512
- **Spectral Band:** 8 μm to 14 μm
- **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:** ± 0.3 $^{\circ}\text{C}$
- **Pixel Operability:** > 99%
- **Visible Camera:** 1920 x 1080
- **Data Transmission:** RJ-45 Ethernet

Recommended System Requirements:

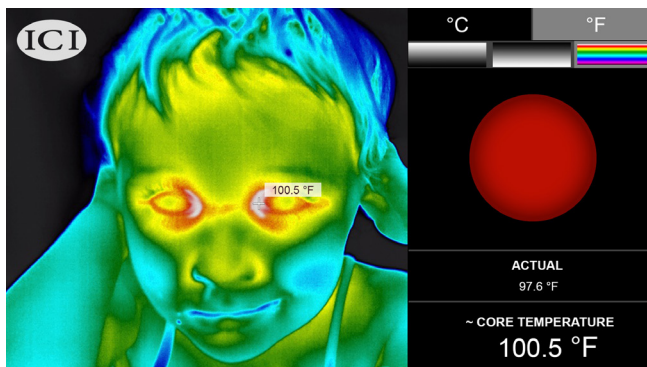
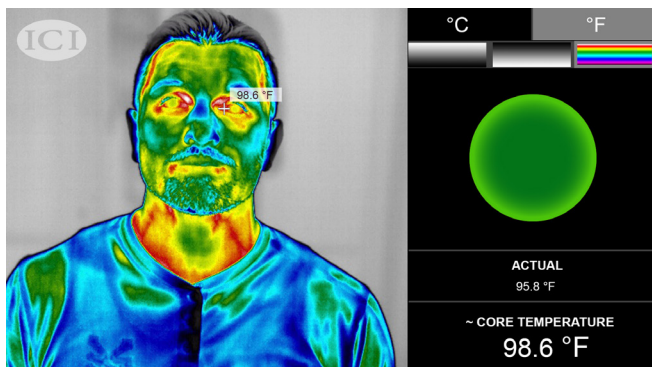
Processor: i5 or above
 RAM: 4 GB or above
 OS: Windows 8/8.1/10
 Hard Drive: 256 GB or above
 Resolution: 1920 x 1080

Applications

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

Included Accessories

- Blackbody
- Integrated Visible Camera



These systems are intended to be used adjunctively and not as a standalone device.