

ICI | FM 320 P Series IR Camera

FDA
510 (k)



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We are IR™

ICI | FM 320 P Series IR Camera

The ICI FM 320 P Series IR Camera is a skin temperature screening infrared camera system with a 384x288 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 320 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

Specifications

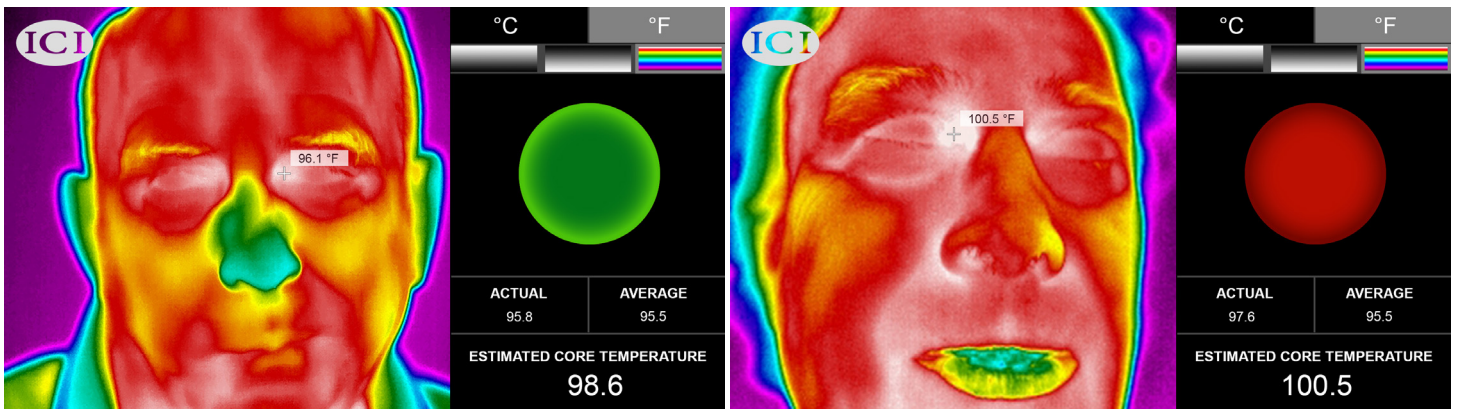
- **Detector Array:** Uncooled FPA
 - **Pixel Resolution:** 384x288
 - **Spectral Band:** 8 μm to 14 μm
 - **Thermal Sensitivity (NETD):** < 0.05 $^{\circ}\text{C}$ at 30 $^{\circ}\text{C}$ (50 mK)
 - **Frame Rate:** 50-60 Hz
 - **Temperature Range:** 20 $^{\circ}\text{C}$ to 50 $^{\circ}\text{C}$
 - **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:** 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

Applications

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

Included Accessories

- Blackbody
- Integrated Visible Camera



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