

ICI | P-Series IR Camera



ICI has U.S. FDA 510K Clearance on their ICI P and S Series cameras and IR Flash Software version 1.0. K073581

Winner of NASA Tech Briefs Product of the Month: February 2009

www.infraredcamerasinc.com | sales@infraredcamerasinc.com

INFRARED CAMERAS INC.
2105 W. Cardinal Dr.
Beaumont, TX 77705

Phone: (409) 861-0788
Toll Free: (866) 861-0788

We are IR™

ICI | P-Series IR Camera

The ICI P-Series IR Camera offers unmatched image sensitivity and accuracy in a 320x240 radiometric imager. With overall dimensions roughly the size of a business card the camera fits in the tightest of areas. The P-Series IR Camera operates on 1 W of power via USB connection. IR Flash version 1.0 Software provides real time radiometric data stream directly to hard drive or portable device. This infrared thermal imaging camera can be mounted in a number of available ICI enclosures for any environment. **Winner of NASA Tech Briefs Product of the Month: February 2009.**



Features

- UAV/UAS Connectivity
- Unmatched Image Sensitivity
- Exceptionally Accurate
- Real Time Data Streaming
- Mountable in ICI Enclosures
- Small Size
- Light Weight
- Low Power (1 W)
- Includes IR Flash software

Applications

- Healthcare Robotics
- Radiometric Imaging
- Scientific Research
- Breast Imaging
- Temperature Measurement
- Hospital Healthcare Procedures
- Sub-acute Healthcare Settings
- Airport Screening

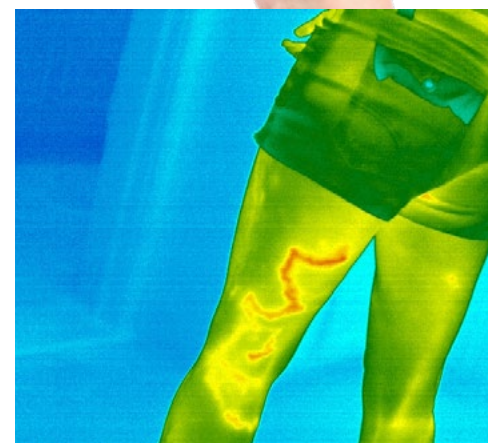
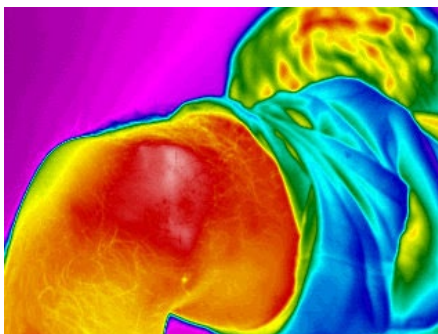
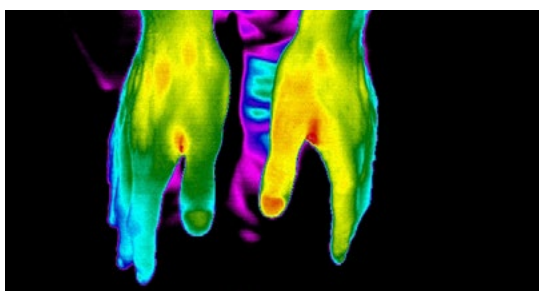


Specifications

- **Detector Array:** FPA (VOx)
- **Pixel Pitch:** 17 μm
- **Pixel Resolution:** 320x240
- **Spectral Band:** 7 μm to 14 μm
- **Thermal Sensitivity (NETD):**
< 0.027 °C at 30 °C (27 mK)
- **Frame Rate:** 50 Hz to 60 Hz P-Series
- **Temperature Range:** -20 °C to 100 °C
- **Operation Range:** -20 °C to 50 °C
- **Storage Range:** -40 °C to 70 °C
- **Accuracy:** ± 1 °C
- **Pixel Operability:** > 99 %
- 30 G Shock / 3 G Vibration
- **Dimensions (without lens):**
53 x 81 x 13 mm (H x W x D $\pm .5$ mm)
- **Power:** < 1 W
- **Weight (with lens):** 148 g
- USB 2.0 Connection
- Aluminum Enclosure

Options & Accessories

- 5 mm (87° FOV)
- 10 mm (46° FOV)
- 18 mm (25° FOV)
- 25 mm (18° FOV)
- 50 mm (11° FOV)
- 75 mm (7.3° FOV)
- 100 mm (5.5° FOV)
- 150 mm (3.7° FOV)
- Sensor Control Module Integration



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