Winner of NASA Tech Briefs Product of the Month: February 2009
The ICI 7320 S-Series Infrared Camera offers unmatched image sensitivity and accuracy in a 320x240 radiometric imager. With overall dimensions roughly the size of a business card the 7320 fits in the tightest of areas. The ICI 7320 operates on 1 W of power via USB connection. IR Flash 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**
- Insulation Inspection
- Predictive Maintenance
- Reliability Engineering
- Medical Imaging
- Veterinary Imaging
- Roof Inspections
- Scientific Research
- HVAC
- Security
- Electrical

**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**: 9 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 ± .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