

ICI Centurion

Thermal Infrared Imager

The ICI Centurion camera is a small, extremely sensitive camera and the newest addition to the line of innovative camera systems available from Infrared Cameras Inc. The Centurion measures temperature and is the lowest cost radiometric 320 x 240 infrared imager available on the market!

The new ICI Centurion is the perfect infrared camera system for many applications including surveillance, security & firefighting. This uncooled microbolometer based system provides a crisp 320X240 resolution image with excellent thermal sensitivity (65mk) for optimum clarity.

The Centurion also has optional lenses available for long range surveillance. Color video output is also available.

Specifications

Detector Type: Uncooled Microbolometer
Frame Rate: 30Hz
Wavelength: 7-14 μ m
NETD: <65mk (Lrange/F/1.60Hz)
Video Output: NTSC/PAL
Weight: 1 lb
Dynamic Range: L range: 150°C (Typ.F/1)
H range: 540°C (Typ.F/1)
Digital Output: ITU-R.BT656 video data or RAW data
Serial Interface: RS-232C
Input Voltage: 5 to 15 VDC
Power Consumption: <5W (25°C)
Functions: Contrast: Auto or Manual
Brightness: Auto or Manual
Polarity: White-hot or
Digital zoom: x2 or x4
FPN Auto or Manual
Dynamic Range Select(UH/Auto)
Video Format Select
Configuration Save
Control: RS-232C

Dimensions
3.75" x 2.9" x 1.8" (95.25mm x 73.66mm x 45.72mm)
Weight 1 lb (0.4536 kg)

Benefits

- 320X240 microbolometer provides high quality image resolution.
- (.065) thermal sensitivity for the best image resolution available.
- Temperature measurement up to 500C making this camera perfect for firefighting applications.
- Small footprint for mounting the unit in areas with limited space.
- 30Hz frame rate for real time thermal imaging & temperature measurement.
- Plug and play capability provides ease of use.
- Perfect for surveillance applications requiring a system with a fixed or pivoting mount.
- Rugged construction for durability.
- Can be mounted on any outdoor vehicle.
- Lightweight

The Centurion utilizes video output, is compatible with standard video monitors, and can be installed in an environmentally sealed enclosure. The enclosure can then be mounted on a pan & tilt unit providing a 360 degree viewing area.



Features:

- 320X240 uncooled Microbolometer
- Single point temperature measurement up to 500°C/932°F
- Video output in black & white or color palettes
- Inverted palette capability
- Automatic and manual Level and Span control (Brightness and Contrast)
- 2X and 4X digital zoom function

Optional:

- 200mm lens
- NEMA 4 to NEMA 9 Environmentally sealed enclosures
- Pan and Tilt units available to maximize viewing area
- IR Flash Professional Thermal Imaging Analysis Software

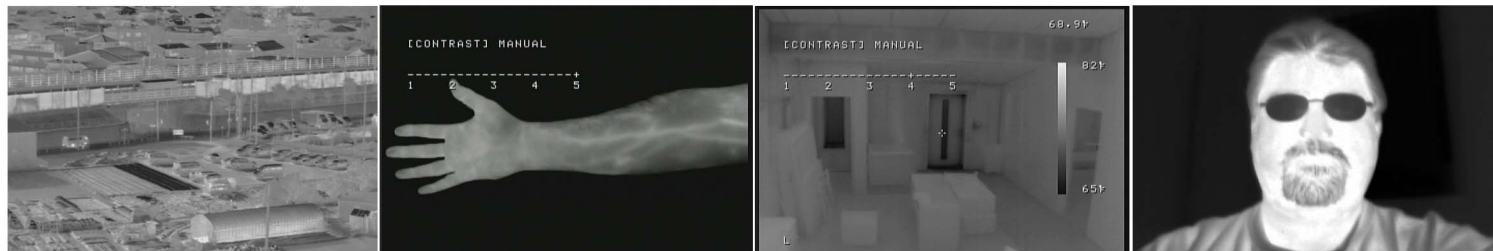
1-866-861-0788 or visit our web site at

www.InfraredCamerasInc.com

Infrared Cameras Inc.

2105 West Cardinal Drive
Beaumont, Texas 77705

Applications include: Search and rescue, security, law enforcement, night time patrols, navigation, marine/ boating, surveillance, firefighting, border patrol, & aircraft vision.



The ICI Centurion Infrared Camera