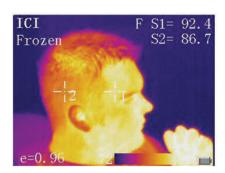


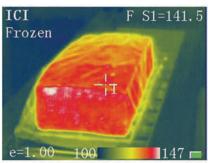
Benefits

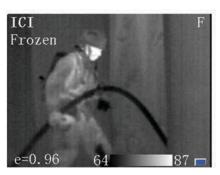
Affordable 270° articulating 2.8" LCD display Fast, easy inspections with movable LCD display, auto hot-spot trackers, & 40 seconds of voice recording Temperature measurement. Laser pointer 60 Hz RCA video output Internal Storage & SD Card slot **Extended warranty**

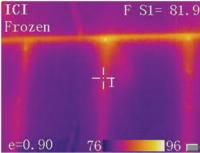
Applications

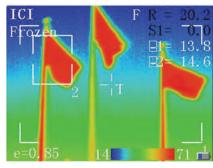
Electrical inspections Mechanical surveys **Building inspections** Flat roof surveys Process equipment monitoring Research & development Epidermal/Skin temperature measurement and imaging

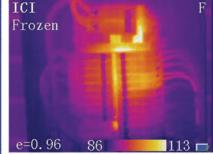


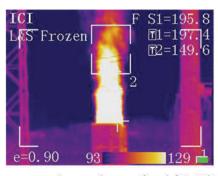


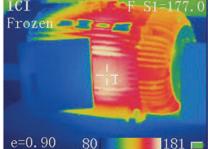












Images above are from left to right, top to bottom: Human Face, Bale of Rubber, Firefighter, Studs in Wall, Flags, Circuit Breakers, Stack - Hot Gas, and Electrical Motor.



The ToughCam Professional portable thermal imager offers outstanding image quality and temperature measurement performance in an affordable, rugged and easy to use infrared camera.















ToughCam P **Professional Series**



ToughCam P Professional Series

Performance

Voice Annotation 40 seconds per image

Uncooled Microbolometer FPA 160 x 120 pixels Detector

+2°C or +2% Accuracy Thermal Sensitivity 0.06C@30°C 7 - 14 µm Spectral Range 12 x 9 Field of View Spatial resolution (IFOV) 1.3 mrad Minimum focus distance 6" to infinity

-20° C to 600° C (-4° F to 1112° F) optional 1000°C Temperature Range

Temperature Units

Outputs

Image Frequency 60Hz (NTSC) or 50Hz (PAL) Image Display High resolution color 2.8"LCD

Stores up to 1000 images on onboard memory Image Storage

Stores up to 4000 images on 1GB SD Card

Laser Pointer Class 2, 1mw / 635nm red Interfaces USB, Video, External Power

Power

6-9 VDC; AC/DC power supply provided Power Rechargeable li-ion, 3 hour operation Battery

Environmental / Mechanical

Operating Temperature -20°C to 50°C (-4°F to 122°F) Storage Temperature -40°C to 70°C (-40°F to 158°F)

Environmental Protection IP 54 Shock 30g Vibration

9.5"L x 3"W x 2.5"H Size

Weight 19oz. (including battery and lens)

11 palettes including color and blk and white **Palettes**

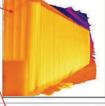
Standard 1/4"-20 Tripod Mount

ICI Reporter Sample Overlay Image with Temperature Measurement, 3D Profile, and Line Profile



2. ICI Reporter also provides a 3 dimensional profile of the

3. ICI Reporte allows for to view temperatures across an area with up to 10 line profiles.



06:30:36 int01Temp 113.1°F Point02Temp 110.8°F Line LineO1Max

4.Temperature dropped into a when the user places a measurement point or area on the thermal image.

final repor is easily



.5x Wide angle lens





3x Telephoto lens



Accuracy

This ergonomically designed infrared camera is based on an uncooled microbolometer core that provides crisp imagery and accurate temperature measurements. Adjustable emissivity input and ambient temperature compensation insures accurate temperature readings.

Long life battery

A long life rechargeable Lithium-ion battery pack operates the camera up to three hours.

Large image capacity

Up to 1000 images can be stored to Toughcam's on board memory. A USB interface provides image transfer to your PC for analysis, report generation and printing. It will automatically store images at specially timed intervals down to one second.

Laser pointer

There is a built in laser pointer that facilitates identification of the equipment under inspection. Programmable trigger activates laser, point temperature, area temperature or save function.

Temperature measurement

Four moveable spot meters, 2 line profiles and isotherms provide temperature measurement throughout the entire image. There are three area boxes with three hotspot trackers and selectable maximum, minimum or average

Settings

The settings include a standby feature, an auto shut off as well as an auto factory default setting that recovers original factory settings. It also has a visible and audible alarming system and a headphone jack for easy playback in noisy environments.

Standard Accessories

These include a heavy duty carrying case with shoulder strap, two batteries (standard Li-ion replaceable), battery charger, and a USB and RCA connection cable. The ToughCam also comes standard with an S-Video connection.

Optional

Optional wide angle and telephoto lenses are available, extending Toughcam's range of applications.

Visit us online: http://www.InfraredCamerasInc.com 1(866)861-0788 USA 1(409)861-0788 Intl