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INSTRUMENTATION DEVICES SRL

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The new ICI FX-160© is a rugged, portable thermal imager built to withstand extreme environments with an IP 67 rating. Its one handed operation makes it simple and easy to use. The large 3.5 " display produces an exceptional image.

Features

- Lightweight
- Waterproof
- Drop tested to 5.9 feet/1.8 meters
- Portable
- Resilient
- IP 67 rating
- 3.5" LCD Display
- Affordable

Applications

Specifically Designed
for Firefighting applications



FX 160 FireFighter©

For more information please visit us online at <http://www.InfraredCamerasInc.com>
or call toll free: 1-866-861-0788



ICI FX 160 Firefighter®



Performance

Detector Micro-bolometer 160 X 120
Accuracy $\pm 2^{\circ}\text{C}$ or $\pm 2\%$ of reading, Whichever is greater
Thermal Sensitivity 0.1°C @ 30°C
Spectral Range 7-14 microns
Field of View $41^{\circ} \times 30^{\circ}$
Focus Fixed
Temperature Measurement Single fixed point temperature measurement up to 500°C .

Outputs

Image Frequency 60Hz
Image Display 3.5 inch, 320 X 240, TFT LCD

Power

Battery 2 Ni-MH rechargeable batteries, minimum 2.5 hour life per battery.

Environmental / Mechanical

Operating Temperature -15°C to $+260^{\circ}\text{C}$ (-5°F to 500°F) *Up to 650°C *
Storage Temperature -15°C to $+50^{\circ}\text{C}$ (-5°F to 122°F)
Environmental Protection IP 67, dust proof, can be submerged in water up to 3.28 feet(1 meter)

Drop Test

Tested up to 5.9 feet(1.8 meters)

Flammability

UL94 VO

Size

12" tall x 9" long x 4" front x 5" back

Weight

2.86 lb.s (1.3 kg)

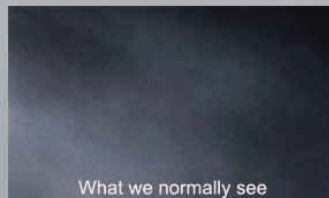
The ICI FX-160 is a rugged, portable, thermal imager; built to withstand extreme environments with a rating of IP 67. It has a drop test rating of 1.8 meters or 5.9 feet. Its one handed operation makes it simple and easy to use. The large 3.5" LCD display produces an exceptional image. This camera was specifically designed for fire-fighting applications.

Fire control and management; whether for natural resource fires, crash fires, or urban building fires, fire control presents many challenges to those who are fighting fires and managing the fight. Infrared technology is being increasingly recognized as essential in timely fire rescue operations where lives are at stake. ICI infrared cameras are a "natural" fire fighters tool in the effort to gain this valuable real-time tactical information.

Since it is a technology designed to sense and display heat signatures, the cameras provides "sight" in dark and smoke filled environments, which is invaluable in the decision making process. Infrared thermal imaging systems are being integrated into fire control, management and firefighting services throughout the world. Infrared Cameras, Inc. offers solutions that meet and exceed the operational needs of these applications.



What the FX 160 camera sees



What we normally see

Where there is smoke, there is fire, but with the FX 160 you will be able to see directly through the smoke; allowing firefighters to locate people, hot spots, and avoid potential disasters in real time.

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Accurate

This ergonomically designed infrared camera is based on an uncooled microbolometer core that provides crisp imagery.

Long life battery

A long life rechargeable Ni-MH rechargeable battery pack operates the camera a minimum of 2.5 hours with more than a 1000 charge cycles.

Rugged & Reliable

The FX 160 has been drop tested to 1.8 meters or 5.9 feet. It has been submerged in 1 meter or 3.28 feet of water for over 5 minutes. We have even added a flame retardant of UL94-VO grade. When seconds count, you can rely on the FX 160 to stand up to the harshest environments.

Standard Accessories

These include a heavy duty carrying case with shoulder strap, two batteries(Ni-MH rechargeable battery), battery charger, lens cap, and an adumbral cover.

Optional Features

*Operating Temperature of up to 650°C with special Kevlar coating
Temperature Measurement

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