



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<sup>®</sup>



## Performance

**Detector** Micro-bolometer 160 X 120  
**Accuracy** ±2°C or ±2% of reading, Whichever is greater  
**Thermal Sensitivity** 0.1°C @ 30°C  
**Spectral Range** 7-14 microns  
**Field of View** 41° x 30°  
**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°C (-5°F to 500°F) \*Up to 650°C\*  
**Storage Temperature** -15°C to +50°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)

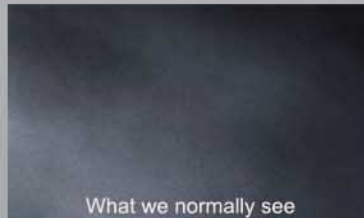
The ICI FX-160 is a rugged, portable, thermal imager; built to withstand extreme environments with a rating of IP 67. It has a drop test rating of 1.8 meters or 5.9 feet. Its one handed operation makes it simple and easy to use. The large 3.5" LCD display produces an exceptional image. This camera was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

## 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

[www.InfraredCamerasInc.com](http://www.InfraredCamerasInc.com)

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