

FLIRTM
fire

FF-131

LIGHTWEIGHT THERMAL IMAGING CAMERA



- *Largest Display Available*
- *Most Durable Handheld Available*
- *High Definition VOx Microbolometer*
 - *Viewable When Crawling*
- *Supports 300 Lbs. for Crawling*
 - *Lightweight & Well Balanced*
 - *Advanced Software Features*
- *Glove-friendly, Push-button Control*



FLIR
SYSTEMSTM



The FF-131 combines state-of-the-art detector technology with innovative, task-oriented mechanical design. The FF-131 features a customized MicroIR microbolometer detector that has the best resolution, fastest update rate, and widest dynamic range available in the firefighting industry. The use of proprietary, fully upgradeable software gives the FF-131 thru-the-lens digital temperature measurement, exclusive color palettes, and InfoTherm, an exciting feature that enhances situational awareness by applying a color palette to temperatures around the combustion point of paper and wood products.

The ergonomic mechanical design of the FF-131 complements the firefighter's ensemble. A variety of holding positions give firefighters maximum flexibility, including the ability to look



Attics & Vents



Shafts & Holes



Standing & Walking



Corners & Obstacles



Kneeling & Crawling

under, over, and around obstacles. Whether standing, walking, crawling or kneeling, firefighters can comfortably rely on the FF-131 to see the scene in front of them. With the industry's largest display, the FF-131 also allows for shared viewing by an entire attack team. The controls are large and easy to reach with one hand, and battery change is fast and easy, even in dark or smoky atmospheres.

The FF-131 is designed to be carried low, near the waist, relieving strain on the shoulder and distributing the weight throughout the arm. Competitive cameras force the user to hold the camera high, putting all the pressure on the shoulder muscle, while blocking the natural field of view of the user.



feature benefit

PART NUMBER

FF-131

UNCOOLED MICROBOLOMETER DETECTOR
State-of-the-art infrared detector

Unsurpassed thermal imaging quality

True staring Focal Plane Array (FPA)

No blurring, halo-effects or other motion artifacts

600°C Dynamic Range

Wider range of viewable temperatures, no manual adjustment required

160 x120 pixels
<0.05°C sensitivity

Photographic-quality imagery

ADVANCED OPTICS AND DISPLAY
55° field of view

Wide angle viewing

Large 12.7cm LCD

Can be viewed simultaneously by multiple firefighters

Germanium Window

Durable protection for optics

Digital signal processing

View objects of extreme temperature differences

INTERNAL COOLING SYSTEM
Thermal Phase™ cooling technology

Ensures optimal performance in extreme heat

Redundant thermal protection

Applied to all electronics, display and optic

MECHANICAL
Meets IP67

Standard for water immersion

<10 second battery change

Fast deployment

Usable when standing, walking or crawling

Supports standard operating procedure

No continuous moving parts

Mechanically reliable and robust



Gray Scale



Autumn



Full Color



Infotherm



Radiometry



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FF 131-4 & FF1 30-3 (w/transmitter)



Battery 3203312
 Single Charger 3203545
 Six-Bay Charger 3205357



Shoulder Strap Kit 3205380



Carrying Case 3203546



Video Adapter Cable 3204460



Front Foot 3203581
 Rear Foot 3203582
 Nose Guard 3204608
 Head Harness 3204996



Battery Holder 3207838
 Camera Holder 3007837



Receiver Kit 3205517



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 A10188

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Overhaul



Attack



Size Up



Search & Rescue



Electrical Survey