Visibility is a chief concern for maintaining firefighter safety, whether you’re in the thick of fighting a fire or coordinating resources as the incident commander. Thanks to the FLIR lineup of cost-effective handhelds, and mounted or UAS aerial thermal imaging options, fire departments can now afford to outfit more firefighters with TICs and monitor all angles of the scene.

This is about more than seeing through a smoke-filled room: viewing the entire scene from multiple viewpoints helps incident commanders make better decisions. And, since FLIR TICs clearly visualize heat sources, they’re also an important tool for hazmat and search-and-rescue operations.

With FLIR handheld, drone-mounted, and truck-mounted TICs, you get:

- **A Clear View:** Navigate better thanks to the bright LCD and an image frequency that keeps up with the action.

- **Ultra-Sharp Thermals:** Extra image detail for easier visual orientation with FLIR MSX® or FSX® enhancement.

- **Early Warning:** Truck- and ladder-mounted cameras allow you to detect fire intensity from a safe distance.

- **Better View, Better Planning:** Visualizing an overview of the entire scene from a drone-mounted TIC will help you better coordinate resources.

- **Rugged Reliability:** FLIR designed its line of TICs to withstand the toughest firefighting conditions — whether it’s a two-meter drop, heavy water spray, or blazing-hot temperatures.
Just like your air pack, radio, and protective gear, FLIR TICs are essential tools for firefighting. With a TIC in hand, you can attack fires more strategically, maneuver through smoke more easily, and save lives. And with a range of technologies and prices from the FLIR K1 Situational Awareness Camera through the NFPA-compliant FLIR K65, it’s easier than ever for departments to afford to issue a TIC to every firefighter.

**FSX® - FLEXIBLE SCENE ENHANCEMENT**

Digital image processing enhances the thermal image in the camera, producing an ultra-sharp view with more scene detail. FSX makes it easier for firefighters to find their way in smoke-filled rooms, even in scenes with extreme temperature dynamics.

<table>
<thead>
<tr>
<th><strong>WITH FSX</strong></th>
<th><strong>WITHOUT FSX</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Image" /></td>
<td><img src="image2.png" alt="Image" /></td>
</tr>
</tbody>
</table>

**IMAGE MODES**

**TI BASIC**
For initial fire attack and rescue operations; colors represent temperature.

* ![Image](image3.png) 163°F

**Black & White**
Same representations of temperature as the TI Basic mode, but in grayscale.

* ![Image](image4.png) 26°F

**Heat Detection**
Used for finding hotspots. The hottest 20% of the scene is colored red.

* ![Image](image5.png) 450°F

**Search & Rescue**
For use with lower temperature situations, such as initial rescue efforts after traffic accidents, searches in wooded areas, etc.

* ![Image](image6.png) 375°F

**Cold Detection**
Colorizes coldest 20% of the scene to aid in finding drafts and determining air flows.

* ![Image](image7.png) 94°F

**FIRE**
For scenes with higher background temps where open flames are present, particularly in structural fires.

* ![Image](image8.png) 26°F

**SEARCH & RESCUE**
For use with lower temperature situations, such as initial rescue efforts after traffic accidents, searches in wooded areas, etc.

* ![Image](image9.png) 375°F

**COLD DETECTION**
Colorizes coldest 20% of the scene to aid in finding drafts and determining air flows.

* K2 only

**K-SERIES**
AFFORDABLE, DEPENDABLE, ESSENTIAL

**Just like your air pack, radio, and protective gear, FLIR TICs are essential tools for firefighting. With a TIC in hand, you can attack fires more strategically, maneuver through smoke more easily, and save lives. And with a range of technologies and prices from the FLIR K1 Situational Awareness Camera through the NFPA-compliant FLIR K65, it’s easier than ever for departments to afford to issue a TIC to every firefighter.**
ADVANCED TECHNOLOGY WITHOUT COMPROMISE

The FLIR Kx5-Series with FSX® displays detail-rich imagery on a large, bright 4-inch LCD to help you navigate the smokiest environments, instantly distinguish people and room features, and make critical decisions.

**RUGGED AND RELIABLE**

The FLIR K45 is a 240 x 180 pixel detector designed to meet the challenges of intense fire scenes with a drop-resistant, water-resistant design. It can operate in 500°F heat for up to five minutes. This affordable TIC saves thermal JPEGs you can play back in the camera or download for later review.

**HIGH-PERFORMANCE**

The FLIR K55 is a 320 x 240 pixel detector producing uncompromising, detail-rich imagery. You can view it in real-time, save as JPEGs, or record as videos. Choose one of five image modes designed to help you better navigate heavy smoke, find hidden hot spots, or search for potential victims.

**NFPA 1801 COMPLIANT**

The FLIR K65 is a 320 x 240 pixel detector designed to be fully compliant with the NFPA 1801-2018 Standard for Thermal Imagers covering usability, image quality, and durability. With fully-sealed connectors and a secured battery, the K65 is designed to be fully compliant with the NFPA 1801-2018 Standard for Thermal Imagers covering usability, image quality, and durability. *National Fire Protection Association and NFPA are registered trademarks of the National Fire Protection Association. The NFPA does not test, certify, or approve any products.

**FULL PROTECTION:**

FLIR’s 2-5-10 Warranty
- 2 Years Battery
- 5 Years Parts and Labor
- 10 Years Detector
FIREPOWER SIMPLIFIED
Start the K33 in TI-Basic mode with just a press of the button, and freeze the image on-screen with a trigger-pull. This affordable handheld produces crisp imagery with FSX enhancement, helping you navigate fire scenes safely.

FLIR K33
240 × 180 pixel detector

PREMIUM FEATURES, LOWER PRICE
The K53 combines simplified, one-button controls with advanced features such as FSX enhancement and smooth, 60 Hz image capture to provide reliable vision at an affordable price.

FLIR K53
320 × 240 pixel detector

POWERFUL, AFFORDABLE TICS
These low-cost, easy-to-use TICs offer glove-friendly controls for quick operation, but are also enhanced with premium features that help improve situational awareness and give firefighters a greater sense of confidence and safety.

FLIR Truck Charger
Optional

POWER ON THE GO
FLIR in-truck chargers help ensure your Kxx Series TIC and Spare Battery are always powered up and ready to go.
FLIR K1 compact thermal cameras make 360° assessment possible in complete darkness and through smoke. Quickly detect and document key findings with internal recording of up to 10,000 thermal/visible image sets.

**FULL PROTECTION:**
FLIR’S 2-10 Warranty
• 2 Years Parts and Labor
• 10 Years Detector

**FLIR K1**
160 × 120 pixel detector

**POCKET-PORTABLE AND RUGGED**
The FLIR K1 helps you quickly assess the scene without losing line of sight and then document key findings with internal recording of up to 10,000 thermal/visual image sets. Designed to withstand a two-meter drop onto concrete and water resistant (IP67), the K1 offers up to 5.5 hours of radiometric thermal imaging.
VISION FOR EVERY FIREFIGHTER

FLIR is on a mission to make TICs standard-issue equipment for every firefighter. With modern fires progressing faster than ever, equipping each crew member with a TIC could be the difference between disorientation and life-saving vision.

**FLIR K2**
160 x 120 pixel detector

**EASY TO HANDLE**
The K2 offers a glove-friendly, one-button control for quick access to the simplified interface, so you can focus on the challenging, fast-changing job at hand. Lightweight but rugged, the K2 can withstand a two-meter drop onto concrete, is water resistant (IP67) and is fully operational up to 500°F (three minutes).

**FULL PROTECTION:**
FLIR’s 2-5-10 Warranty
• 2 Years Battery
• 5 Years Parts and Labor
• 10 Years Detector
GET A STRATEGIC VIEW OF THE SCENE

Steer clear of danger and assess the scene from a new vantage point with the FLIR KF6 – the industry’s first thermal imager built specifically for aerial apparatus applications. This specially designed camera feeds thermal video from aerial buckets or ladders for a strategic angle of rooftops, upper stories, and tall structures.

Producing vivid thermal imagery with fine detail, the FLIR KF6 makes it easier to target the hottest areas and identify structures through thick smoke or total darkness – for better situational awareness and tactical firefighting efforts.

AERIAL MOUNT FLEXIBILITY
Securely attaches to aerial platforms or to the end of straight sticks.

OVERHEAD ADVANTAGE
High-angle thermal view provides situational awareness and helps your team plan effective targeting.

FLIR KF6
Mountable Vision

HIGH-RES FOR CRITICAL DETAIL
High-resolution 640 × 480 thermal imagery allows firefighters to evaluate fires from a distance evaluate overall scene safety, help identify where resources are needed, target the seed of the fire for the aerial master stream, liquid level check when hazardous materials are present. Also offers FSX® digital enhancement for easy identification of buildings and locations.

SIMPLE TO VIEW AND CONTROL
View thermal video from inside the truck, at ground level, or atop the aerial platform. The KF6 connects with just one cable to your in-truck LCD or to a monitor positioned outside – or connects over Wi-Fi to wireless-enabled systems.

MOUNTS WITH FOUR BOLTS
Easy to mount and connect to existing systems atop platforms, under platforms, to ladders and elevated waterways.

CDMQ RUGGEDNESS
FLIR built its apparatus-mounted cameras to meet the toughest requirement: the Commercially Developed, Military Qualified (CDMQ) standards.
UNOBSTRUCTED VIEWS
Scan rooftops and tall buildings from the best vantage point.

SAFER ASSESSMENTS
View the entire scene safely before making your plan of attack.

WIDE AREA COVERAGE
Reach the unreachable with the M210’s extended flight times.

SEARCH & RESCUE
Thermal imaging and visual zoom option help you find missing people faster.

MISSION-READY
Be ready to launch within minutes! These kits combine the DJI M200 or M210 V2 airframe with the Zenmuse XT2, thermal payload, providing everything needed to mount the camera and fly. The DJI drone comes with the powerful OcuSync 2.0 system for video transmission, camera control, and digital recording.

FLIR MULTI-SPECTRAL DYNAMIC IMAGING (MSX®)
This kit features both a visible and infrared camera with MSX technology. MSX embosses visible image edge details onto thermal images to enhance perspective and safety.

CLEAR, COMPREHENSIVE VIEW
FLIR Aerial Thermal Imaging Kits offer cameras with optimized resolution and wide-angle optics, ensuring you’ll have the right combination of situational awareness, magnification, and area coverage to monitor any scene.

VITAL FOR DAY OR NIGHT
The Zenmuse XT2 thermal camera can see through smoke, allowing incident commanders to easily monitor personnel at large scenes or check roof conditions while firefighters are inside. Because it visualizes heat and features a 12 MP visual camera, Zenmuse XT2 is also a must-have for search and rescue operations any time of day.

FLIR AERIAL FIRST RESPONDER KITS
FLIR’s Aerial Thermal Imaging Kits combine the easy-to-fly M200 / M210 V2 drone from DJI with the Zenmuse XT2 thermal imaging camera. These drone-mounted cameras have the resolution and optics you need to gain a better understanding of a fire scene, assess a hazardous spill, or aid in a search-and-rescue operation. By combining the flight stability and powerful video transmission system of a DJI drone with FLIR thermal technology, these kits provide the ultimate solution for reliable, rapidly-deployable aerial thermal imaging.
## Specifications

<table>
<thead>
<tr>
<th>MODEL</th>
<th>K1</th>
<th>K2</th>
<th>K33</th>
<th>K45</th>
<th>K53</th>
<th>K55</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>IR resolution</strong></td>
<td>160 × 120 pixels</td>
<td>160 × 120 pixels</td>
<td>240 × 180 pixels</td>
<td>240 × 180 pixels</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Thermal sensitivity</strong></td>
<td>&lt;100 mK</td>
<td>&lt;100 mK @ 30°C (86°F)</td>
<td>&lt;40 mK @ 30°C (86°F)</td>
<td>&lt;40 mK @ 30°C (86°F)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Image contrast optimization</strong></td>
<td>Digital image enhancement with MSX®</td>
<td>Digital image enhancement with MSX®</td>
<td>Digital image enhancement with FSX®</td>
<td>Digital image enhancement with FSX®</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Field of view (FOV)</strong></td>
<td>57° × 44°</td>
<td>47° × 35°</td>
<td>51° × 38°</td>
<td>51° × 38°</td>
<td>51° × 38°</td>
<td>51° × 38°</td>
</tr>
<tr>
<td><strong>Image storage</strong></td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td><strong>Video storage</strong></td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td><strong>In-camera video recording</strong></td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td><strong>Video storage capacity</strong></td>
<td>Up to 200 JPEG images on internal flash memory</td>
<td>Up to 200 JPEG images on internal flash memory</td>
<td>Up to 200 JPEG images on internal flash memory</td>
<td>Up to 200 JPEG images on internal flash memory</td>
<td>200 files in total, with a maximum duration of 5 min per video clip</td>
<td>200 files in total, with a maximum duration of 5 min per video clip</td>
</tr>
<tr>
<td><strong>Display</strong></td>
<td>Backlit 2.4 in, 320 × 240 pixel LCD</td>
<td>Backlit 3 in, 320 × 240 pixel LCD</td>
<td>Backlit 4 in, 320 × 240 pixel LCD</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>IR image modes</strong></td>
<td>TI Basic (White hot with isotherm), White hot, Iron</td>
<td>Basic firefighting mode, Cold detection mode, Building analysis mode, Black-and-white firefighting mode, Fire mode, Search and rescue mode, Heat detection mode</td>
<td>TI Basic firefighting mode</td>
<td>TI Basic firefighting mode, Black-and-white firefighting mode, Fire mode, Search and rescue mode, Heat detection mode</td>
<td>TI Basic firefighting mode, Emergency mode, Rescue mode</td>
<td>TI Basic firefighting mode, Emergency mode, Rescue mode</td>
</tr>
<tr>
<td><strong>Author range</strong></td>
<td>No</td>
<td>Yes, Non-selectable</td>
<td></td>
<td>Yes, selectable on/off using FLIR Tools</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Objective temperature range</strong></td>
<td>High Gain Mode: -10°C to 140°C (14°F to 284°F) Low Gain Mode: -10°C to 400°C (14°F to 752°F) (at room temperature)</td>
<td>-20°C to 150°C (-4°F to 302°F) 0°C to 500°C (32°F to 932°F)</td>
<td>±4°C (±7.2°F) or ±4% of reading for ambient temperature, 10°C to 35°C (50°F to 95°F)</td>
<td>±4°C (±7.2°F) or ±4% of reading for ambient temperature, 10°C to 35°C (50°F to 95°F)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Spotters</strong></td>
<td>Center spot</td>
<td>1 spotmeter</td>
<td>1 spotmeter</td>
<td>1 spotmeter</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Battery type</strong></td>
<td>Li-ion, 3.7 V rechargeable</td>
<td>Li-ion, &gt; 4 hours operating time</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Charging time</strong></td>
<td>4 hours to 90%, 6 hours to 105%</td>
<td>2.5 h to 90% capacity</td>
<td></td>
<td>2 hours to 85% capacity, status indicated by LEDs</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Operating temperature range</strong></td>
<td>10°C to 80°C (14°F to 194°F) — up to 10 min, flashlight on -10°C to 115°C (14°F to 239°F) — up to 2 min, flashlight on</td>
<td>-10°C to 55°C (14°F to 131°F) 85°C (185°F): 15 min</td>
<td>190°C (380°F): 10 min</td>
<td>260°C (500°F): 3 min</td>
<td>280°C (500°F): 2 min</td>
<td>260°C (500°F): 5 min</td>
</tr>
<tr>
<td><strong>Humidity (operating and storage/relative)</strong></td>
<td>0°C to 37°C (32°F to 99°F) 37°C to 45°C (99°F to 113°F) 45°C to 55°C (113°F to 131°F) 55°C to 65°C (131°F to 194°F) 65°C to 75°C (149°F to 167°F) 75°C to 90°C (167°F to 194°F)</td>
<td>40°C to 70°C (104°F to 158°F)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Encapsulation, shock, vibration, and drop</strong></td>
<td>IP67 (IEC 60529), 25 g (IEC 6068-2-27), 2 g (IEC 6068-2-6), 2 m (6.6 ft)</td>
<td>IP 67 (IEC 60529), 25 g (IEC 6068-2-27), 2 g (IEC 6068-2-6), 2.0 m / 6.8 ft on concrete floor (IEC 6068-2-31)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Physical Data</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Camera weight, incl. battery</strong></td>
<td>0.410 kg (0.904 lb)</td>
<td>0.7 kg (1.5 lb)</td>
<td>1.1 ± 0.05 kg (2.4 ± 0.1 lb)</td>
<td>1.1 ± 0.05 kg (2.4 ± 0.1 lb)</td>
<td>1.1 ± 0.05 kg (2.4 ± 0.1 lb)</td>
<td></td>
</tr>
<tr>
<td><strong>Camera size (L × W × H)</strong></td>
<td>208 × 85 × 65 mm (8.19 × 3.3 × 2.6 in)</td>
<td>250 × 105 × 90 mm (9.8 × 4.1 × 3.5 in)</td>
<td>120 × 125 × 280 mm (4.7 × 4.9 × 11 in)</td>
<td>120 × 125 × 280 mm (4.7 × 4.9 × 11 in)</td>
<td>120 × 125 × 280 mm (4.7 × 4.9 × 11 in)</td>
<td></td>
</tr>
<tr>
<td><strong>Contents</strong></td>
<td>K1: Infrared camera, printed documentation, wrist strap lanyard, USB-C to USB-A cable, tactical pouch</td>
<td>K1: Infrared camera, battery (×2), battery charger, lanyard strap, power supply, USB cable</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Optional Accessories</strong></td>
<td>Hard transport case, carabiner strap, retractable lanyard, extra batteries, in-truck charger, car charger, cigarette lighter adapter kit, tripod adapter</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### FLIR Aerial First Responder Kits

<table>
<thead>
<tr>
<th>Models</th>
<th>FLIR M200/M210 V2-Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aircraft model</td>
<td>DJI M200 V2, DJI M210 V2</td>
</tr>
<tr>
<td>Included tablet interface</td>
<td>DJI CrystalSky Display 7.85&quot;</td>
</tr>
<tr>
<td>RC unit</td>
<td>DJI Cendence RC</td>
</tr>
<tr>
<td>Aircraft battery</td>
<td>3S LiPo 22.2V (9600 mAh)</td>
</tr>
<tr>
<td>Visual camera gimbal</td>
<td>DJI X4S 20 MP, 4K/60 H.264</td>
</tr>
<tr>
<td></td>
<td>4K/30 H.265 videos at a 100 Mbps</td>
</tr>
<tr>
<td>Gimbal mount (IR &amp; visual)</td>
<td>Radiometric IR Camera</td>
</tr>
<tr>
<td>Compatible cameras</td>
<td>Zenmuse XT2 (included)</td>
</tr>
<tr>
<td></td>
<td>Zenmuse X5S (optional)*</td>
</tr>
<tr>
<td></td>
<td>Zenmuse X5D (optional)*</td>
</tr>
<tr>
<td>Thermal gimbal</td>
<td>Radiometric IR Camera</td>
</tr>
<tr>
<td></td>
<td>336 × 256 (M200) or 640 × 512 IR resolution</td>
</tr>
<tr>
<td></td>
<td>Focal length &amp; FOV: model dependent</td>
</tr>
<tr>
<td>Thermal imager</td>
<td>Uncooled Vx Microbolometer</td>
</tr>
<tr>
<td>IR sensitivity</td>
<td>&lt;50 mK at f/1.0</td>
</tr>
<tr>
<td>Scene range (high gain)</td>
<td>-25°C to 185°C (-13°F to 367°F) [M200 range: -25°C to 100°C]</td>
</tr>
<tr>
<td>Scene range (low gain)</td>
<td>40°C to 550°C (-40°F to 1022°F)</td>
</tr>
<tr>
<td>Spot meter</td>
<td>Temperature measured in 4 × 4 pixel spot</td>
</tr>
<tr>
<td>File storage</td>
<td>Micro SD Card</td>
</tr>
<tr>
<td>Photo/video format</td>
<td>Radiometric JPEG, TIFF, MP4</td>
</tr>
<tr>
<td>Compatible software</td>
<td>DronerSense FLIR Edition</td>
</tr>
<tr>
<td>Operating temperature range</td>
<td>-10°C to 40°C (14°F to 104°F)</td>
</tr>
<tr>
<td>Weight (gimbal)</td>
<td>588 g (20.7 oz)</td>
</tr>
</tbody>
</table>

### Models of Aircraft

- DJI M200 V2
- DJI M210 V2

### Compatible Cameras

- DJI X4S 20 MP
- 4K/60 H.264
- 4K/30 H.265 videos at a 100 Mbps

### Environmental Data

- **Operating temperature range**: -10°C to 40°C (14°F to 104°F)
- **Storage temperature range**: -30°C to 55°C (-22°F to 131°F) –40°C to 70°C (–40°F to 158°F) –40°C to 85°C (-40°F to 185°F)

### Physical Data

- **Camera weight, incl. battery**: 0.410 kg (0.904 lb) 0.7 kg (1.54 lb) 1.1 ±0.05 kg (2.4 ±0.1 lb)
- **Camera size (L × W × H)**: 208 × 85 × 65 mm (8.19 × 3.3 × 2.6 in) 250 × 105 × 90 mm (9.8 × 4.1 × 3.5 in) 120 × 125 × 280 mm (4.7 x 4.9 x 11 in)
- **Humidity (operating and storage/relative)**: 0°C to 37°C (32°F to 99°F)
- **Object temperature range**: High Gain Mode: -10°C to 140°C (14°F to 275°F) -32°C to 650°C (–26°F to 1202°F) Low Gain Mode: 0°C to 550°C (32°F to 1022°F) ±10°C (±18°F) or ±10% in high gain range
- **Spot meter**: Temperature measured in 4 × 4 pixel spot

### Power System

- **Charging time**: 4 hours to 90%, 6 hours to 100% 2.5 h to 90% capacity 2 hours to 85% capacity, status indicated by LEDs

### Safety Testing

- **NFPA 1801:2018 Compliant**: No No No No No No
- **Non-condensing**: IEC 60068-2-31
- **Shock (IEC 60068-2-27)**: 2 g (IEC 60068-2-27), 2.0 m / 6.6 ft, on concrete floor (IEC 60068-2-27)
- **Impact (IEC 60068-2-31)**: 85°C (185°F): 15 min –20°C to 55°C (–4°F to 131°F)

### Packaging

- **USB cable**
- **Infrared camera, hard transport case, battery (2x), battery charger, power supply, retractable lanyard, USB cable, carabiner strap, Torx screwdriver, printed documentation**

### In-Camera Video Recording

- **MPEG-4 to internal flash memory**: No No Yes No

### Field of View (FOV)

- **57° × 44°** 47° × 35° 51° × 38° 51° × 38° 51° × 38° 51° × 38°

### Image or Contrast Optimization

- **Digital image enhancement with MSX ®**
- **Digital image enhancement with FSX ®**

### IR Image Modes

- **T1 Basic (White hot with isotherm)**
- **White firefighting mode**
- **Black-and-white firefighting mode**
- **Fire mode**
- **Search and rescue mode**
- **Heat detection mode**
- **Heat detection mode**
- **Building analysis mode**
- **Black-and-white firefighting mode**

### IR Resolution

- **160 × 120 pixels** 160 × 120 pixels 240 × 180 pixels 240 × 180 pixels

### Camera Specifications

- **IR sensitivity**: <50 mK at f/1.0
- **Scene range (high gain)**: -25°C to 185°C (-13°F to 367°F) [M200 range: -25°C to 100°C] 40°C to 550°C (-40°F to 1022°F)
- **Spot meter**: Temperature measured in 4 × 4 pixel spot
- **file storage**: Micro SD Card
- **Photo/video format**: Radiometric JPEG, TIFF, MP4
- **Compatible software**: DronerSense FLIR Edition
- **Operating temperature range**: -10°C to 40°C (14°F to 104°F)
- **Weight (gimbal)**: 588 g (20.7 oz)