UAS THERMAL IMAGING KITS

Featuring DJI M200 Series and Zenmuse XT Thermal Imagers

Test Equipment Depot - 800.517.8431 - 99 Washington Street Melrose, MA 02176

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MORE ACCESSIBLE THAN EVER BEFORE

By combining the flight stability, gimbal technology, mobile app integration, and image transmission of the powerful DJI M200, M210, and M210 RTK with the industry-leading thermal imaging technology of FLIR, these packages offer you the ultimate solution for reliable, rapidly-deployable aerial thermal imaging. The M210 and M210 RTK kits let you deploy two imagers below the aircraft so you can fly thermal and visible cameras at the same time, or single upward-facing gimbal, and the upgraded Cendence control unit.

M210 640-13 mm
M210 Airframe, 640 x 512 13 mm Radiometric Thermal Camera, X4S 4K Color Camera, Cendence Controller
Single, dual, or top mount Thermal/Visible gimbal mounts
Dual camera operation
Applications: Fire, SAR, building/roofing inspections

M210 640-19 mm
M210 Airframe, 640 x 512 19 mm Radiometric Thermal Camera, X4S 4K Color Camera, Cendence Controller
Single, dual, or top mount Thermal/Visible gimbal mounts
Dual camera operation
Narrow IR FOV Applications: building/roofing, utility, solar inspection

M210-RTK* 640-19 mm
M210-RTK Airframe, 640 x 512 19 mm Radiometric Thermal Camera, X4S 4K Color Camera, Cendence Controller
Single, dual, or top mount Thermal/Visible gimbal mounts
Dual camera operation
Narrow IR FOV Applications: utility, tower work, wind turbines

M200 640-13 mm
M200 Airframe, 640 x 512 13 mm Radiometric Thermal Camera, X4S 4K Color Camera
73% more IR pixels than a 336 x 256
Applications: Fire, SAR, building/roofing inspections

M200 336-6.8 mm
M200 Airframe, 336 x 256 6.8 mm Performance Thermal Camera, X4S 4K Color Camera
Applications: Fire, SAR, basic structural inspections

*The built-in RTK unit on the M210 RTK model enables the drone to hover with centimeter-level accuracy due to the improved GPS data, making slight interferences to the transmission system less potentially dangerous.
All FLIR UAS Thermal Imaging Kits include:
- Zenmuse X4S 4K color camera
- Zenmuse XT thermal camera
- 7.8” CrystalSky display
- FLIR Tools Plus imaging software

Key Stats for Controlled Operation

- Operating Range: 7 km
- Max Flight Time: 38 min
- Ingress Protection: IP43
- Max Payload Capacity: 2 kg
## SPECIFICATIONS

### AVAILABLE KITS

<table>
<thead>
<tr>
<th>Aircraft Model*</th>
<th>Included Tablet Interface</th>
<th>RC Unit(s)- included</th>
<th>Aircraft Battery</th>
<th>Compatible Cameras</th>
<th>Visual Camera Gimbal</th>
<th>Gimbal Mount (IR &amp; Visual)</th>
<th>Scene Range (High Gain)</th>
<th>Scene Range (Low Gain)</th>
<th>Photo/Video Format</th>
<th>File Storage</th>
<th>IR Sensivity</th>
<th>Scene Range (High Gain)</th>
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<th>Spot Meter</th>
<th>Weight</th>
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<tbody>
<tr>
<td>M200 336 - 6.8 mm</td>
<td>DJI M200*</td>
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<td>Qty 2 TB50 (4280 mAh) &amp; Qty 2 TB55 (7660 mAh)</td>
<td>ZENMUSE XT V2</td>
<td>DJI X4S 20MP, 4K/60 H.264</td>
<td>Single Downward</td>
<td>4K/30 H.265 videos at a 100Mbps</td>
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<td>Radiometric JPEG, TIFF, MP4</td>
<td>Micro SD Card</td>
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### Software

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<th>FLIR Tools Plus</th>
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Notes:
1. Full Airframe details can be found at [http://www.dji.com/matrice-200-series/info#specs](http://www.dji.com/matrice-200-series/info#specs) and are subject to change by DJI.

*Contact your FLIR dealer for pricing on optional accessories like the Z30, XSS, additional batteries, or remote control units.

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