



Zenmuse XT2 Camera

DUAL VISION. SUPERIOR INTELLIGENCE.

Join the next generation of commercial drone solutions with the XT2. Pairing the FLIR Tau 2 thermal sensor and 4K visual camera with DJI's leading stabilization and machine intelligence technology, the XT2 quickly transforms aerial data into powerful insights that save time, money – and lives.

ROBUST DUAL-SENSOR THERMAL SOLUTION

Housed within a weather resistant encasing is a combination of FLIR's advanced radiometric thermal sensor and 4K visual sensor - all integrated seamlessly with DJI's powerful enterprise drone platforms.

TRANSFORM DATA INTO INSIGHTS IN REAL-TIME

Enabled by a suite of processors and computer vision algorithms, the XT2's onboard Machine Intelligence helps teams identify what's important while on-site, instead of after a lengthy processing time.



DRONE USA



Temp Alarm

Don't miss a thing with instant notifications when object temperatures exceed pre-set parameters.



Heat Track

Capture the most critical information by automatically locking the XT2 onto the hottest object in view.



FLIR MSX[®]

Quickly interpret data with details from the visual image overlaid on the thermal data stream.



Temp Check



Quick Track



Isotherms



Color Palettes



PiP Options

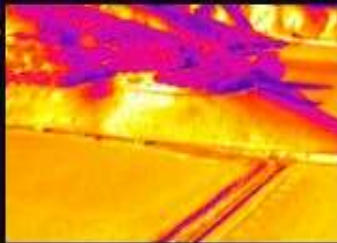


DRONE USA

Quickly identify hot spots with the ability to directly overlay thermal data on the visual overview and fine tune isotherm settings.



Energy



Agriculture



Structure Fires



Roofing



Rescue



DRONE USA

Ready for Action

M200 Series and M600 Pro Compatible

With a quick turn of the wrist the Zenmuse XT2 secures onto DJI's industry-leading M200 Series and M600 Pro drones to provide pilots a direct view and control of this powerful thermal sensor.

When the XT2 is mounted onto a M200 Series drone, pilots have a combined solution that extends the operation window for drone technology - letting pilots fly confidently in lowlight conditions, through a strong breeze or in light rain.

Utilizing the M210 drone models, pilots can build more robust drone solutions around the XT2 over time by adding zoom cameras, additional onboard computers and other payloads to fit a variety of specialized missions.



M210



M210 RTK



M200



M600 pro



330 Changebridge Road, Pine Brook NJ 07058

DRONE USA

Purpose-Built Applications

DJI XT Pro

Thermal Imaging Made Easy

Enhance your control of the Zenmuse XT thermal camera with the DJI XT Pro iOS app. Incorporating feedback from firefighters and industrial inspectors, the XT Pro app has a streamlined design that makes using the XT camera for critical missions simple and easy.

- Real-time, low-latency camera view
- On-screen temperature estimates
- Quick access to the color palette, isotherm and other settings



330 Changebridge Road, Pine Brook NJ 07058



SPECS

Gimbal

- ANGULAR VIBRATION RANGE
-

±0.01°

- MOUNT
-

Detachable

- CONTROLLABLE RANGE
-

Tilt: +30° to -90°

Pan: ±320°

- MECHANICAL RANGE
-

Tilt: +45° to -130°

Pan: ±330°

Roll: -90° to +60°

- MAX CONTROLLABLE SPEED
-

Tilt: 90°/s

Pan: 90°/s

Thermal Camera

- THERMAL IMAGER
-



Uncooled VOx Microbolometer

- FPA/DIGITAL VIDEO DISPLAY FORMATS
-

640×512

336×256

- DIGITAL ZOOM
-

640×512: 1x, 2x, 4x, 8x

336×256: 1x, 2x, 4x

- PIXEL PITCH
-

17 μm

- SPECTRAL BAND
-

7.5-13.5 μm

- FULL FRAME RATES
-

30 Hz

- EXPORTABLE FRAME RATES
-

<9 Hz



- SENSITIVITY (NEDT)

<50 mk @ f/1.0

- SCENE RANGE (HIGH GAIN)

640×512: -25° to 135°C

336×256: -25° to 100°C

- SCENE RANGE (LOW GAIN)

-40° to 550°C

- FILE STORAGE

MicroSD card

- PHOTO FORMAT

JPEG, TIFF, R-JPEG

- VIDEO FORMAT

8 bit: MOV, MP4 14 bit: TIFF Sequence, SEQ**

Visual Camera

- SENSOR

330 Changebridge Road, Pine Brook NJ 07058



1/1.7" CMOS

Effective Pixels: 12 M

- LENS
-

Prime lens

Focus at 8 mm

FOV 57.12°× 42.44°

- DIGITAL ZOOM
-

1x, 2x, 4x, 8x

- PHOTO FORMATS
-

JPEG

- VIDEO FORMATS
-

MOV, MP4

- VIDEO RESOLUTIONS
-

4K Ultra HD: 3840×2160 29.97p

FHD: 1920×1080 29.97p

- WORKING MODES
-

Capture, Record, Playback

330 Changebridge Road, Pine Brook NJ 07058



- STILL PHOTOGRAPHY MODES

Single Shot

Burst Shooting(3/5 frames)

Interval (2/3/4/7/10/15/20/30 sec)

- VIDEO CAPTION

Supported

- ANTI-FLICKER

Auto, 50 Hz, 60 Hz

- STORAGE

MicroSD card

Max capacity: 128 GB. UHS-3 required

Recommended model: Sandisk Extreme 16/32 GB UHS-3 microSDHC

Sandisk Extreme 64/128 GB UHS-3 microSDXC

- SUPPORTED FILE SYSTEM

FAT 32 (≤ 32 GB), exFAT (> 32 GB)

Image Processing & Display Control

- IMAGE OPTIMIZATION



Yes

- DIGITAL DETAIL ENHANCEMENT
-

Yes

- POLARITY CONTROL (BLACK HOT/ WHITE HOT)
-

Yes