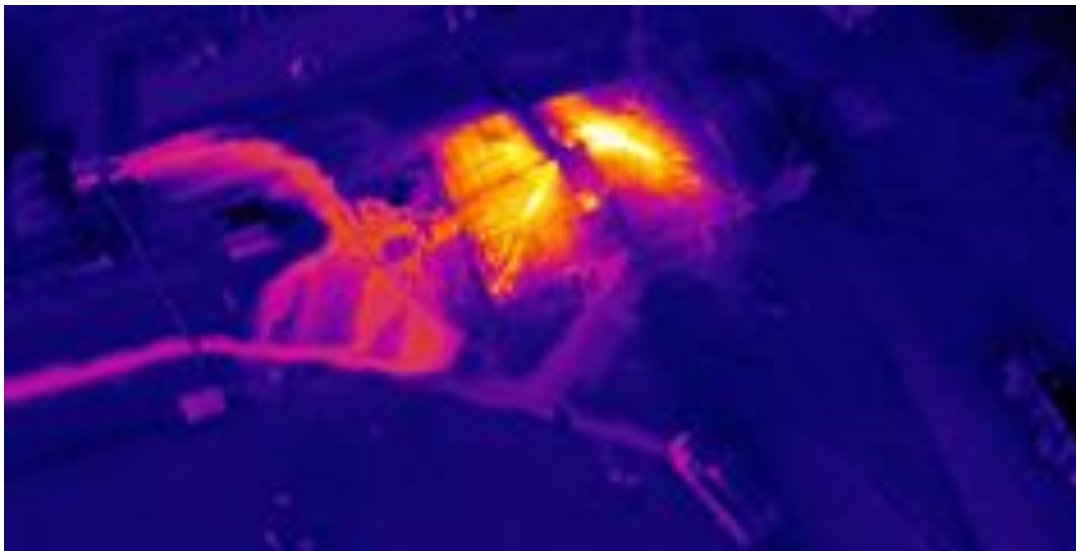
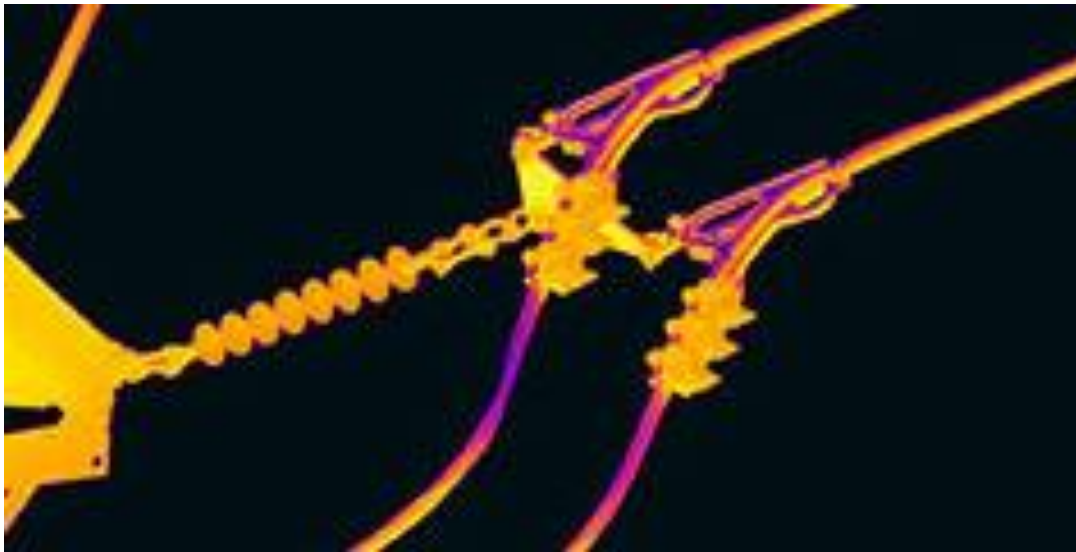


DJI Zenmuse ZT thermal camera



INTEGRATED THERMAL CAMERA

The camera on the DJI Zenmuse XT is developed by FLIR. It provides high-sensitivity (50mK) thermal imaging at 640/30 fps or 336/30 fps depending on the camera model. This sensitivity provides accurate temperature measurements ideal for analytics and telemetry. Both cameras are available with four lens options to meet different business needs. Stabilized and controlled by a custom DJI gimbal, it provides smooth, clear imagery and 360 degrees of seamless rotational movement.

Thermal Imager	Uncooled VOx Microbolometer	
FPA/Digital Video Display Formats	640 × 512	336 × 256
Pixel Pitch	17 μm	
Full Frame Rates	30 Hz (NTSC) 25 Hz (PAL)	
Exportable Frame Rates	<9Hz *	
Sensitivity (NEΔT)	<50 mK at f/1.0	
Photo Formats	JPEG (8 bit) / TIFF (14 bit)	
Video Format	MP4	
Digital Zoom	2x, 4x, 8x	2x, 4x
Lens Options	7.5mm, 9mm, 13mm, 19mm	6.8mm, 9mm, 13mm, 19mm

[HTTP://WWW.DJI.COM/ZENMUSE-XT](http://www.dji.com/zenmuse-xt)

PRECISION FULL SCREEN TEMPERATURE MEASUREMENT

The Zenmuse XT Advanced Radiometry camera provides twice the temperature measurement accuracy of the standard Zenmuse XT along with new analysis and recording functions. Simply tap any point in an on-screen image to view the temperature of that point or select an area to measure the average, highest and lowest temperatures as well as their location. The camera can also be calibrated to further increase temperature measurement precision by setting external parameters including background temperature, scene emissivity and more. If photos are captured in the TIFF format, the temperature of each pixel can be recorded for further processing and analysis. A temperature alert threshold can be set, automatically activating when that temperature is detected. This capability could simplify and accelerate search and rescue and inspection activities.

<http://www.dji.com/zenmuse-xt>