



FIMI X8T V640 Basic | Drone | thermal camera, 1x battery, 4K, GPS, range up to 20km



link to the product:

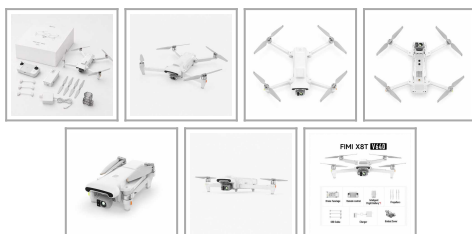
<https://www.batna24.com/gb/p/professional-drones/fimi-x8t-v640-basic-drone-thermal-camera-1x-battery-4k-gps-range-up-to-20km>

Price: **14,109.00 zł** gross / 11,470.73 zł net

FIMI

Manufacturer: FIMI

Referention number: DNXGJOPOJRMNIN



Full product description

Drone for special tasks

The FIMI X8T V640 drone integrates a 48 MP wide-angle camera, a telephoto camera with 5x optical zoom, and a 640x480 thermal imaging camera. **The triple camera setup** makes sure you capture every detail, regardless of lighting conditions or distance. **RokLink 5.0 technology** enables stable video transmission over distances of up to 20 km with very low latency.



LEKKI I BEZ OGRANICZEŃ

Masa poniżej 900 g pozwala latać w kategorii otwartej (A1–A3) bez konieczności składania planu lotu – idealne rozwiązanie dla służb i operatorów cywilnych

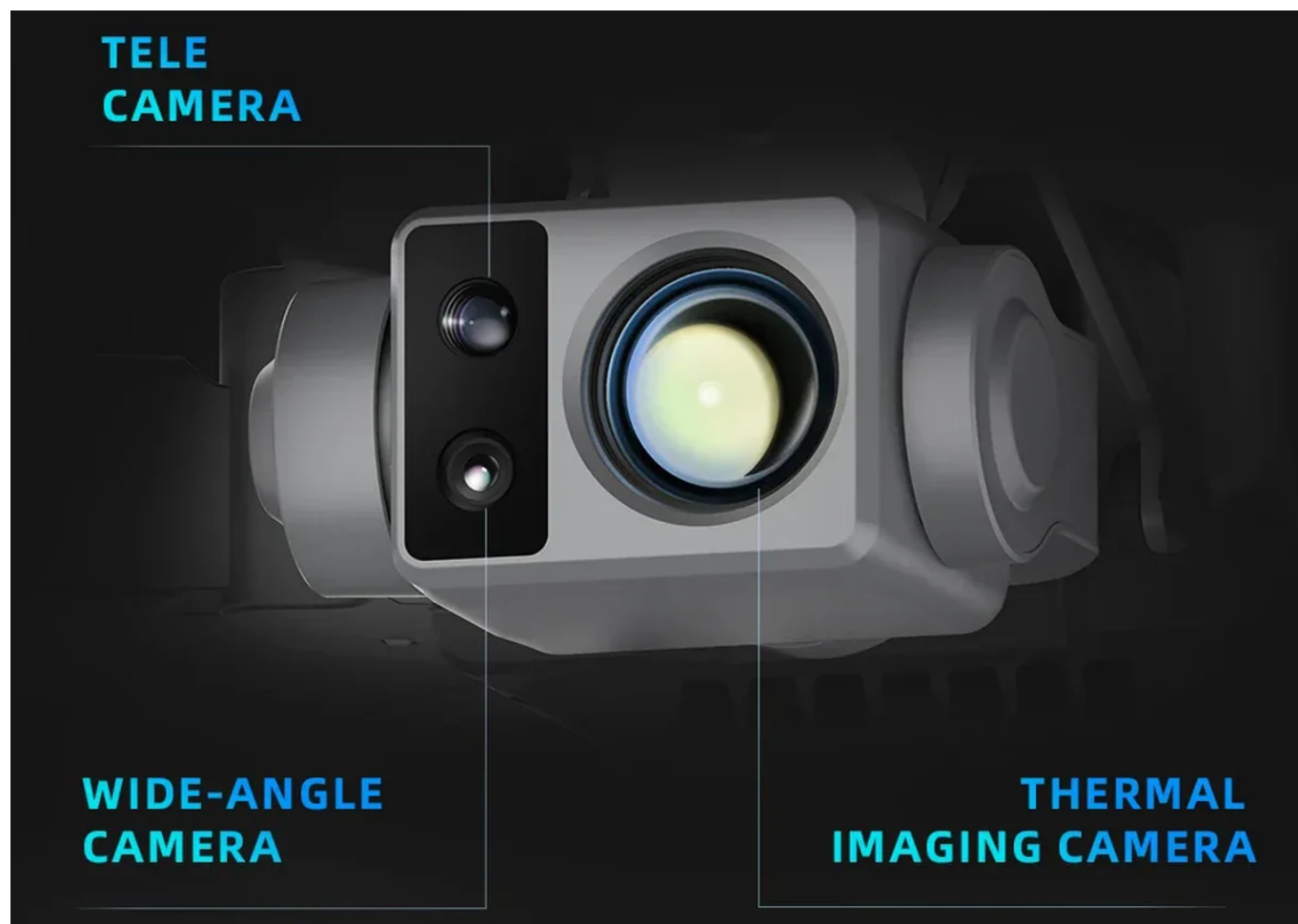
Key advantages of FIMI X8T V640 professional drone

- **Triple Camera System:** Integration of a 48 MP camera, 5x optical zoom and 640x480 thermal imaging enables simultaneous collection of visual and thermal data.
- **RokLink 5.0 (20 km):** The transmission system takes care of stable HD video transmission over extreme distances, with a minimum delay of 120 ms.
- **AI Super Night Video:** The ISP AI processor improves the signal-to-noise ratio by 4 times, making night images clear and bright.
- **Flexible Thermal Modes:** Features such as Split-Screen and Picture-in-Picture help intuitive real-time thermal analysis.
- **Long Flight Time:** The Intelligent Flight Plus Battery (optional) offers up to 47 minutes of operation, helping to extend mission time.
- **Resistance to Atmospheric Conditions:** Improved design makes the device ready for operations in rain and snow.
- **Enhanced Safety:** Configurable GNSS and intelligent distance measurement provide reliable positioning and flight data, even without a GPS signal.
- **Modularity (Megaphone/4G):** An accessory port allows for expanded functionality, customizing the product to meet specific needs, such as voice communication or 4G emergency control.



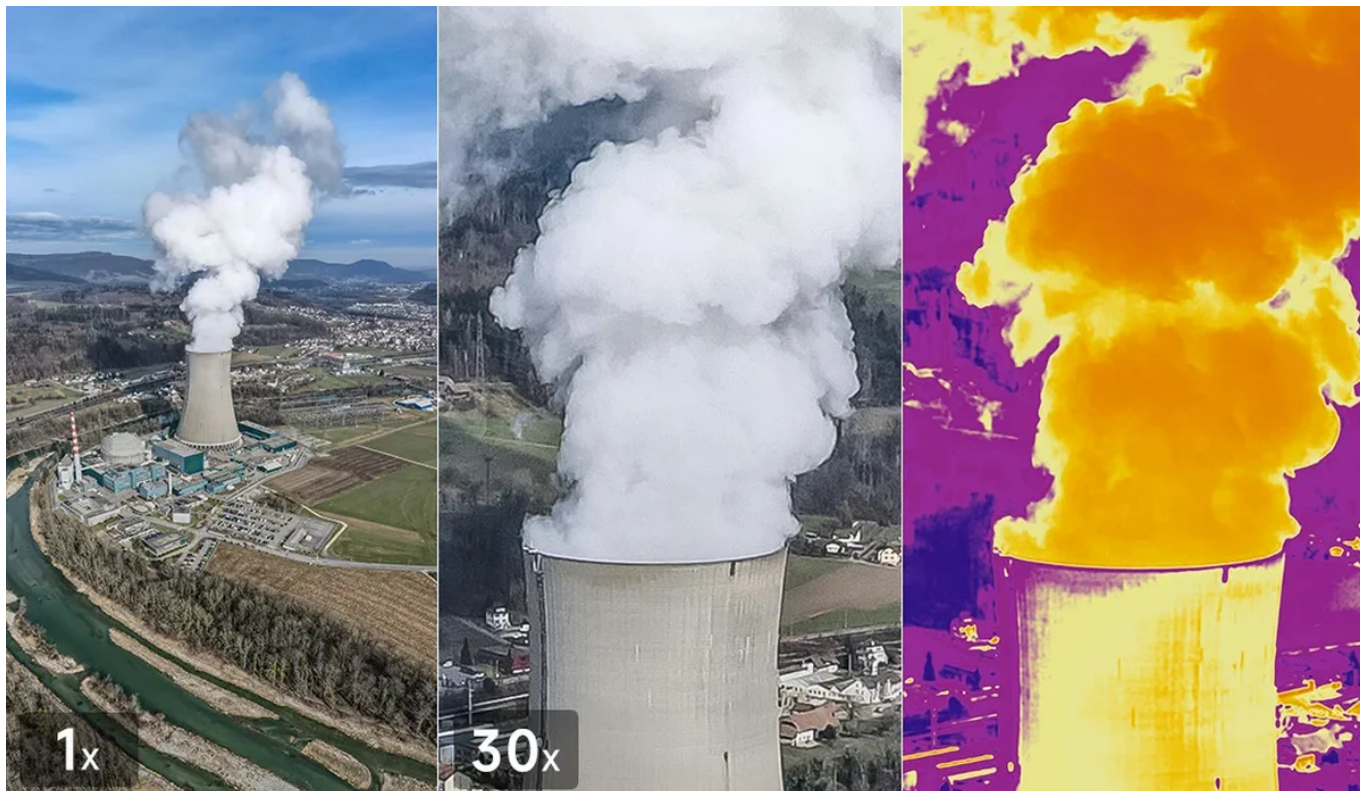
Triple Video System

The FIMI X8T integrates three sensors into one device. The **Sony 1/2-inch** wide-angle sensor allows for **4K/30 fps video** recording and works in tandem with the telephoto camera to give an impressive **30x hybrid zoom**. This enables precise capture of both vast landscapes and distant details that were previously out of reach. In addition, **the thermal imaging camera** takes care of fast detection of targets and thermal anomalies in total darkness, supporting diagnostic operations.



Precision Thermal Imaging 640x480

The thermal imaging camera offers a high resolution of **640x480**. This specification **contributes to fast and accurate diagnosis** in scenarios such as detailed industrial and energy inspections or building diagnostics, where every degree counts. The system **offers a variety of display modes**, including split screen, picture-in-picture, synchronized zoom and pseudo-color imaging, to **help make operational decisions** in complex environments.



Long Distance Flight

RokLink 5.0 digital video transmission system makes stable and clear video transmission possible over distances of up to **20 km**. The technology **uses adaptive fast frequency hopping** and dynamic modulation, intelligently adjusting links, which **takes care to minimize electromagnetic interference**. With an ultra-low latency of just **120 ms**, it enables an immersive piloting experience, allowing you to freely explore remote areas.



48MP and 4K HDR Video

Capturing photos at native **48 megapixel** resolution offers the ease of capturing more detailed and vivid images. For filmmakers, **4K HDR video recording** at ultra-high resolution makes the contrast of lights and shadows enhanced, revealing richer details and layers of color. High-speed **4K/30 fps** recording helps capture smooth dynamic scenes.



Mechanical Stabilization

An advanced **3-axis mechanical gimbal** backed by a next-generation IOS algorithm takes care of optimal filming and observation in all conditions. Precision control and integrated high-performance brushless motors offer **control accuracy of up to ± 0.01 degrees**. This mechanical stabilization contributes to eliminating shake and movement, which is crucial for both precision inspections and professional video productions requiring smooth shots.



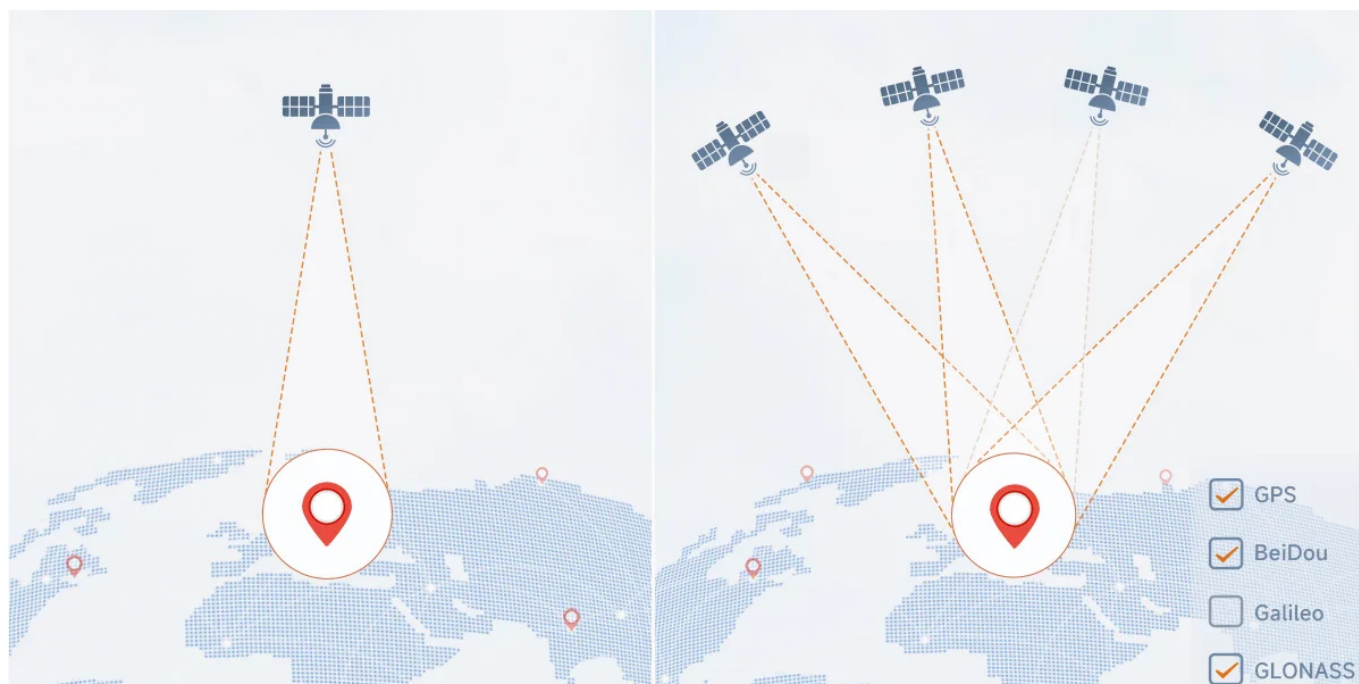
Super AI Night Vision

The Super AI Night Video System uses an Image Signal Processor (ISP AI) with high light sensitivity. This technology improves the signal-to-noise ratio by 4 times, enabling it to capture clear and translucent images even in low-light conditions at night. It effectively helps identify key objects and details at night, matching the capabilities of larger image sensors.



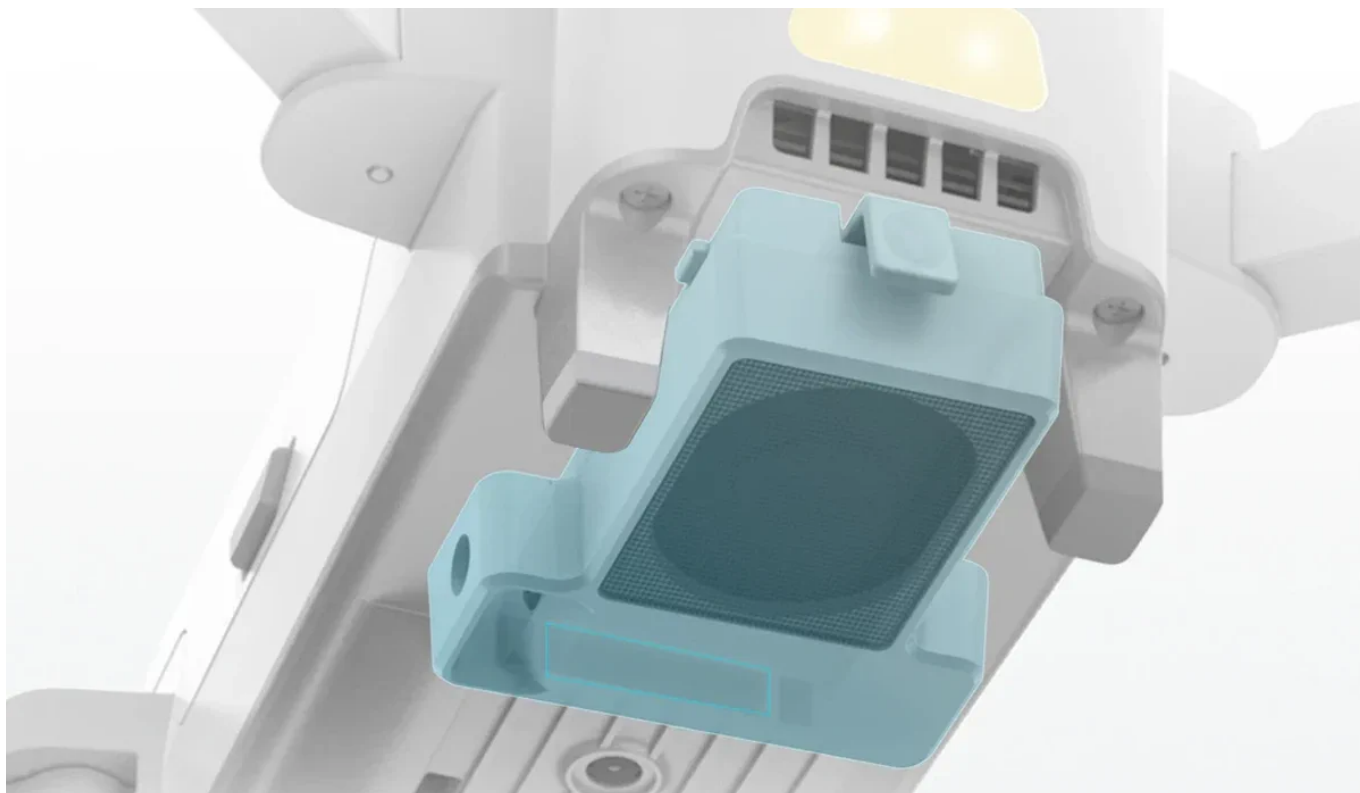
Global GNSS Positioning

The configurable GNSS system offers compatibility with the world's major satellite navigation systems: **GPS**, **GLONASS**, **Galileo**, **BeiDou**. This flexibility contributes to optimal signal coverage and precise positioning in a variety of environments, from dense cities to remote areas.



Modules for Greater Possibilities

The accessory port allows for modification (DIY) and compatibility with various add-ons. **An optional megaphone module** remotely transmits voices and sounds at distances of **up to 100 meters**, which helps in search and rescue (SAR) missions and communication over a large area. **An optional 4G video transmission module** is also available, which takes care of stable signal and safe control, even when the original transmission signal is blocked by obstacles.



Safe Flight and Return

The improved **rain- and snow-resistant design** means that weather conditions no longer have to hinder operations. In addition, Intelligent Distance Measurement with high-precision sensors provides reliable flight altitude and return distance data, even in the absence of a GPS signal. The vision system takes care of more accurate landings by intelligently **recognizing landing sites**, which contributes to safer and more reliable operations.



Intuitive Application

Using the dedicated FIMI mobile app makes full control of the drone and camera a breeze. The intuitive interface provides **quick access to advanced flight modes** such as target tracking, SAR modes and mission planning. It takes care of key flight parameters, battery levels and transmission status at a glance. The app helps edit and manage recorded 4K HDR footage, offering quick sharing. It is a command center,

ensuring efficient operation of the drone in the field.



Optional TX20 Controller with Screen

The TX20 Remote Controller with built-in screen is an accessory that takes your flight experience to the next level. This improved generation of the controller offers more convenient operation, eliminating the need to mount an external smartphone. With an integrated screen, it makes video viewing smoother and the entire operation more intuitive. The TX20 contributes to a professional and improved piloting experience. Note that this advanced controller with screen is available as an optional add-on.