

# EVO Lite Enterprise Series

## Lightweight Yet Mighty

EVO Lite Enterprise Series, by Autel Robotics, is characterized by its lightweight and compact design, making it remarkably portable. The A-Mesh networking capability supports collaborative dual-drone dual-control operations. Equipped with high-precision visual navigation capabilities, it supports stable flight even in environments with poor signal through SLAM technology. The EVO Lite 640T Enterprise Edition features a dual gimbal system, with a visible light camera providing clear and detailed images, while the thermal imaging camera aids in decision-making during operations. The EVO Lite 6K Enterprise Edition is equipped with a 1-inch CMOS visible light camera, offering outstanding sensitivity for excellent image quality. With the intelligent features of the professional flight app, it enables flexible single-person deployment and efficient application in scenarios such as public safety and emergency rescue.



Lightweight and Portable



Simple Control



AI Target Recognition and Positioning



6K Resolution



640\*512 Infrared Thermal Imaging



12km Video Transmission Range



Three-Way Binocular Vision Obstacle Avoidance



40-Minute Flight Endurance





## Lightweight and Portable

The EVO Lite Enterprise Series drones weigh only 866 grams and have folded dimensions of just 210\*123\*95mm, making them easy to carry in a backpack. With a simple operation, and a 40-minute endurance capability, they are ideal for efficient execution of missions by a single operator.



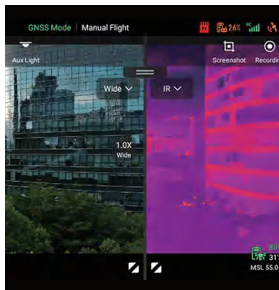
## AI Target Recognition and Positioning

Utilizing wide-angle or infrared lenses combined with intelligent AI algorithms and a self-learning system, the aircraft can automatically recognize and locate up to 64 different objects, including people, cars, and boats, projecting their positions on the map.



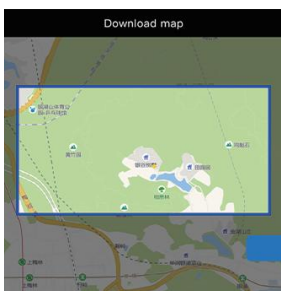
## High-Definition Video Transmission

Equipped with Autel SkyLink image transmission technology for a dual-signal, dual-reception system, the image transmission anti-interference capability improved, and the transmission distance reaches up to 12 kilometers. It supports 2.4GHz/5.2GHz/5.8GHz adaptive frequency hopping transmission, automatically selecting the best channel based on electromagnetic interference, providing strong anti-interference capability.



## Split-Screen Display

Visible light, infrared, or map support dual-channel simultaneous output on the screen, providing comprehensive information through comparison.



## Customizable Toolbar

Customize the menu toolbar in the app for quick access to frequently used functions, meeting personalized usage needs.



## MSDK

The open Mobile SDK provides efficient, versatile, and easy-to-use control and service interfaces, enhancing development efficiency and enabling the creation of custom solution scenarios.

## Applications



Law Enforcement



Security Patrol



Emergency Rescue

## Technical Specifications

	EVO Lite 640T Enterprise	EVO Lite 6K Enterprise
Weight (including battery, gimbal camera)	866g	
Dimensions	433*516*95mm (unfolded with propellers); 210*123*95mm (folded without propellers)	
Max Flight Time	40min	
Flight Speed	18m/s	
Max Wind Resistance Level	Fresh breeze	
Operating Frequency	2.4GHz / 5.2GHz / 5.8GHz	
Max Transmission Distance	12km	
GNSS	GPS / BDS / GLONASS	
Visible Light Camera	1/2 inch CMOS 48 million pixels F2.8 aperture 16x digital zoom Maximum photo size of 8000*6000 Maximum video resolution of 4K 30P	1-inch CMOS sensor 20 million pixels Adjustable aperture from F2.8 to F11 ISO support up to 48,000 (night mode) 16x digital zoom Photo resolutions of 5472*3076 / 3480*2160 Maximum video resolution of 4K 30P
Thermal Imaging Camera	640*512 resolution 9.1 mm focal length 16x digital zoom Temperature measurement range: -20°C to 150°C / 0°C to 550°C Temperature accuracy: ±3°C or ±3% of reading (whichever is greater)	/