

# WORK LIKE NEVER BEFORE.



## EVO II ENTERPRISE

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**Save Time & Resources**  
with an Upgraded Airframe  
& Modular Accessories



Autel Robotics works with the best global partners to offer innovative products for your enterprise needs.  
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# EVO II Enterprise At a Glance



**42 min**

Flight Time

**8 mi**



HD Transmission



**256-bit**

AES Encryption

**16x**



Digital Zoom



**ADS-B**

Receiving

**Modular**



Accessories



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# An Aircraft **Built for Work**

## Upgraded airframe

### Longer Propellers

Measuring at 10.5" wing-to-wing, Enterprise propellers are 17% longer than Standard EVO II props.



### Carbon Fiber Arms

Extra rigidity and durability during flight.



### Enterprise Motors

With a diameter of 1.13", Enterprise Motors are 13% larger than standard EVO II Motors, giving you more power.



Built on the back of our popular EVO II, the Enterprise series introduces some exciting new features to the airframe to improve mission performance and versatility. The introduction of carbon fiber arms, larger motors, and specially designed larger propellers mean:

## What makes it better?



### Increased Performance

Enjoy better aircraft handling and performance than its predecessor.



### More Flight Time

Enjoy 42 minutes of flight time. Longer than any drone of its class.



### Quiet Operation

Fly closer to your target without alerting them or escalating a situation.



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# Enterprise Accessories

Modular accessories give users the ability to hotswap between a loudspeaker, spotlight, strobe, and RTK module for ultimate mission versatility.



## Spotlight

Beams a powerful, short range illumination light at 11 lumens for night operations. Adjust the angle of your spotlight for optimal low-light shots and nighttime searches.



## Strobe

Indicates the location of the aircraft at night or day to prevent air traffic accidents. A necessary requirement for dusk and night flying. Provides visibility of up to 3 miles in the air per FAA regulations.



## Loudspeaker

Effective one-way communication at a distance of up to 1000 ft. Twice the range of the competition. Achieve more effective on-site communication through long-distance telephony, audio loops, and live broadcasts. Create prerecorded messages for easy playback.



## RTK (Sold Separately)

Get centimeter-accurate positioning data and reduce electromagnetic interference for more accurate aircraft positioning.

# Enterprise Pro



## 20MP 1" CMOS Sensor

Capture even the most minute details with a 1-inch CMOS sensor, whose powerful noise reduction capabilities produce crisp visuals even in low-light conditions.



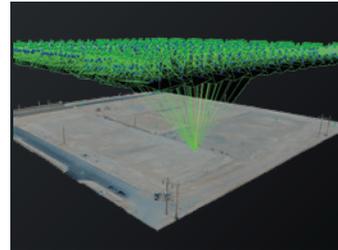
## 3x Lossless and 16x Digital Zoom

With 16x digital zoom and 3x lossless zoom, operators can crop an image or zero in on a target without compromising quality.



## Nighttime Clarity

The 1-inch sensor paired with an f/2.8 aperture and ISO 12,800 makes the 6K a formidable tool for obtaining valuable details in difficult lighting conditions.



## Photogrammetry

A more powerful camera means more precise images. Create incredibly accurate scale models of any scene with the 6K's superior imaging capabilities, ensuring that every detail is as true-to-life as possible.



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# Enterprise Dual R



## Dual Radiometric Sensor

Equipped with an 8K sensor for high resolution and a FLIR Boson radiometric sensor for thermal imaging up to 640x512, the Dual R is built to deliver incredible detail in any environment—night or day.



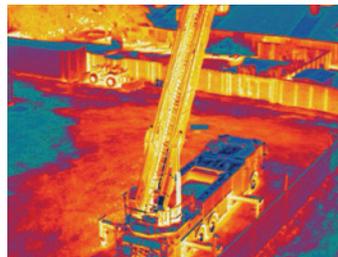
## 4x Lossless Zoom and 16x Digital Zoom

With 16x digital zoom and 4x lossless zoom, operators can crop an image or zero in on a target without compromising quality.



## Thermal Integration

High resolution thermal imaging allows the pilot to see more detail or fly from farther away without alerting the suspect.



## Smoother Live Video

A 30Hz thermal frame rate allows users to track subjects in high intensity situations.



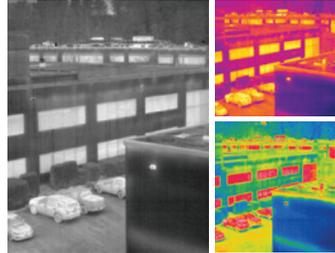
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### Multiple Display Modes

The thermal image is integrated into the standard RGB image at the same time. This allows the user to obtain both visual and thermal data simultaneously and allows for easier positioning and subject tracking.



### 10 Thermal Color Modes

- |                  |                |
|------------------|----------------|
| White Hot        | Lava           |
| Cold and Hot     | Arctic         |
| Rainbow          | Searing        |
| Enhanced Rainbow | Gradation      |
| Ironbow          | Heat Detection |



### FLIR Tools Reporting System and Workflow

The EVO II Dual is compatible with FLIR Tools® Mobile, enabling users to easily generate reports in order to streamline their workflow.



### Made in the USA

Made in USA with foreign & domestic parts & labor. With domestic manufacturing and customer service, pilots can fly confidently knowing their information and data are secure.



# Enterprise **640T**



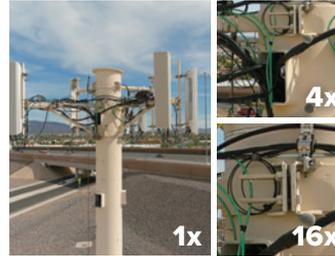
## Dual Radiometric Sensor

Developed by InfiRay, the 640T sensor is equipped with an 8K sensor for high resolution rgb capture and thermal imaging up to 640x512.



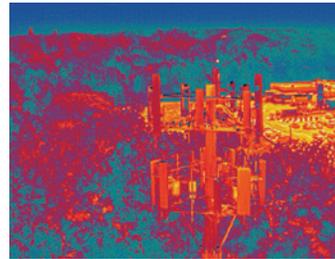
## Thermal Integration

High resolution thermal imaging allows the pilot to see more detail or fly from farther away without alerting the suspect.



## 4x Lossless Zoom and 16x Digital Zoom

With 16x digital zoom and 4x lossless zoom, operators can crop an image or zero in on a target without compromising quality.



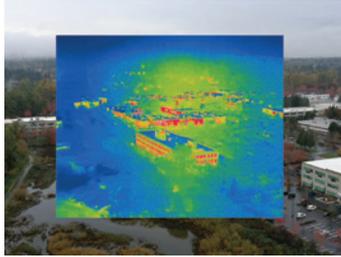
## Smoother Live Video

A 30Hz thermal frame rate allows users to track subjects in high intensity situations.



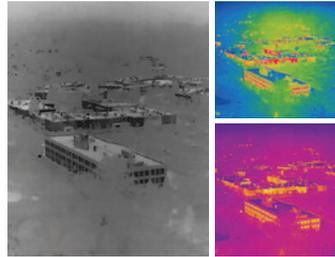
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| White Hot        | Lava           |
| Cold and Hot     | Arctic         |
| Rainbow          | Searing        |
| Enhanced Rainbow | Gradation      |
| Ironbow          | Heat Detection |



## Not Regulated

Developed by InfiRay in China, the 640T is not subject to the same regulatory limitations as the Dual R and is not ITAR or EAR-regulated.

# Intelligent Software Features



## 16x Digital Zoom

16x digital zoom allows users to zoom in from farther away.



## Robust Mission Planner

Allows for autonomous flights and mapping related missions in Orbit, Waypoint, Rectangular, and Polygon.



## Data Security

Get reliable data encryption with an AES-256 bit internal and external storage.



## Prerecord

EVO II Enterprise's prerecord function automatically records 30 seconds prior to a user hitting the record button, ensuring you don't miss any action.



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# Enterprise Smart Controller



## 2000nit Super-Bright Screen

Autel Smart Controller's built-in display is twice as bright as the next leading competitor and 4 times brighter than a conventional cell phone screen. The 7.9-inch QHD display offers anti-glare coatings and provides clear visibility under direct sunlight.



## Extensive Battery Life

The Smart Controller's large, 5800mAh capacity lithium battery guarantees up to 4.5 hours of continuous use for long days out on the field. The 2-hour fast charge capability allows the pilot to get back into action as quickly as possible.



## 8-Core Processor

Samsung Exynos 8895 8-core processor allows the Smart Controller to play 4K/60FPS H.265.



## Wide Temperature Range

-20~40°C Working Temperature. Bigger heat sinks allow the Smart Controller to operate with a wider temperature range, giving the pilot more stable and reliable operation in extreme environments without overheating or freezing.



## Multi-Port Output

HDMI, USA-A, and USB-C ports allow for live streaming with 4G/5G network modules. SMA connectors allow the antennas to be detached and replaced or upgraded with SMA compatible third party devices.

# Enterprise Rugged Case



**Expanded Storage**  
Store your aircraft, chargers, Smart Controller, accessories, propellers, and even extra batteries in custom molded foam cavities.



**Waterproof & Dustproof**  
Water-jet precision cut with closed cell foam to resist water and dust infiltration. Waterproof and dust tight design. (MIL-C-4150J)



**Easy Transportation**  
Snap-down rubber over-molded cushion grip handle for comfort and wheels for hassle-free transportation.



**Military-Level Protection**  
Custom foam inserts are housed in a durable SKB military spec case used by military and industrial leaders.



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# EVO II Enterprise Pro Bundle



### Bundle Includes:

Aircraft and Gimbal Cover	1
Battery	1+2
7.9" Smart Controller	1
110V Charger	1
Smart Controller Charger	1
Smart Controller Charging Cable	1
Speaker	1
Search Light	1
Strobe	1
Chest Strap	1
Attachment Port Cover	1
Propellers (Pair)	3
EVO II Hard Rugged Case	1
SkyeBrowse (2 Week Free Trial)	1
Pix4D React (One Year Free Trial)	1
Airdata (30 Day Free Trial)	1



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# EVO II Enterprise **Dual R Bundle**



## Bundle Includes:

Aircraft and Gimbal Cover	1
Battery	1+2
7.9" Smart Controller	1
110V Charger	1
Smart Controller Charger	1
Smart Controller Charging Cable	1
Speaker	1
Search Light	1
Strobe	1
Chest Strap	1
Attachment Port Cover	1
Propellers (Pair)	4
EVO II Hard Rugged Case	1
12V Car Charger	1
4-Position Battery Charging Hub	1
SkyeBrowse (2 Week Free Trial)	1
Pix4D React (One Year Free Trial)	1
Airdata (30 Day Free Trial)	1

# EVO II Enterprise 640T bundle



## Bundle Includes:

Aircraft and Gimbal Cover	1
Battery	1+2
7.9" Smart Controller	1
110V Charger	1
Smart Controller Charger	1
Smart Controller Charging Cable	1
Speaker	1
Search Light	1
Strobe	1
Chest Strap	1
Attachment Port Cover	1
Propellers (Pair)	4
EVO II Hard Rugged Case	1
12V Car Charger	1
4-Position Battery Charging Hub	1
SkyeBrowse (2 Week Free Trial)	1
Pix4D React (One Year Free Trial)	1
Airdata (30 Day Free Trial)	1

# Practical Use Cases

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**Public Safety**



**Firefighting & Fire Prevention**



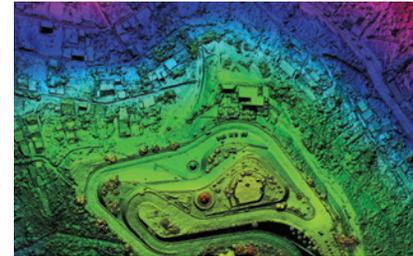
**Search & Rescue**



**Power Inspection**



**Traffic Monitoring & Management**



**Mapping**

# Where to Buy

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## Find a Dealer

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## Our Dealer Network



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# Technical Specifications

## Aircraft

<b>Takeoff Weight (Without Accessories)</b>	EVO II Pro:2.45lbs (1110g) EVO II 640T:2.51lbs (1136.5g) EVO II Dual R:2.51lbs (1136.5g)
<b>Diagonal Length</b>	16.8in (427mm)
<b>Max Flight Time (No Wind)</b>	42min (without accessories) ;38min (with strobe) ;29min (with spotlight) ; 34min (with loudspeaker) ;36min (with RTK module)
<b>Operating Temperature</b>	14°F to 104°F (-10°C to 40°C)
<b>Max Wind Speed Resistance</b>	89mph (17m/s)
<b>Operating Frequency</b>	2.400GHz - 2.4835GHz;5.725GHz - 5.850GHz
<b>Hovering Accuracy Range</b>	Vertical:± 0.3ft (0.1m) (with RTK);± 0.3ft (0.1m) (with Vision Positioning); ± 1.6ft (0.5m) (with GPS Positioning) Horizontal: ± 0.3ft (0.1m) (with RTK);± 0.9ft (0.3m) (with Vision Positioning);± 4.9ft (1.5m) (with GPS Positioning)

## Gimbal

<b>Operation Range</b>	Pitch: -135° to +45°; Yaw: -100° to +100°
<b>Stability</b>	More Stable with 3 Axes
<b>Max Control Speed (Tilt)</b>	300°/s
<b>Angular Vibration Range</b>	±0.005°

## Accessories

<b>Loudspeaker</b>	Power: Max 18W; Decibel: 120dB @ 1m; 88dB @ 60m; 70dB @ 110m; Max Bitrate: 36kbps; Adjustable Angle Range: 0°~45°
<b>Strobe</b>	Power: Avg. 1.6W; Controllable Range: 5000m; Light intensity: Min 50cd; Max 486cd; Avg. 290cd
<b>Spotlight</b>	Power: Max 35W; Controllable Range: 30m Adjustable Angle Range: 0°~90°; Illuminance: FOV17°, Max: 11lux @ 30m Straight
<b>RTK Module</b>	Power: ~ 3W; RTK Positioning Precision: 1.5 cm + 1 ppm ((Vertical); 1 cm + 1 ppm (Horizontal)



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ROBOTICS

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