



EVO II PRO V3



1 inch
CMOS Sensor



6K/30fps
Videos



Moonlight
Algorithm 2.0



15km
Transmission Range



360°
Obstacle Avoidance



Dynamic Track
2.1



40 Minutes
Flight Time



6.4"
Smart Controller SE



Excel in Low Light

Moonlight Algorithm 2.0

EVO II Pro V3 comes with Autel's Moonlight Algorithm 2.0, which provides additional noise reduction for improved image quality. Combined with its upgraded CMOS sensor, this drone is capable of capturing clear images and video even in low light conditions or at night.



All New 6K 1" CMOS

Autel Robotics EVO II Pro V3 6K drone camera with 1-inch sensor captures incredibly smooth 6K Ultra HD video and 20MP photos. And An adjustable aperture from f/2.8 to f/11 giving you wide-ranging adjustment over how much light gets into the camera.

As for resolution, the 6K camera can achieve up to 5472 x 3648 in still and 6K/ 30fps, 4K/ 60fps in video. Also with a bit rate of up to 120 Mbps.

1" CMOS

Imaging Sensor

20MP

Photos Resolution

6K/30fps

HDR Video

f/2.8-f/11

Adjustable Aperture

12-bit DNG

Post-production Flexibility

100-44000

ISO range



Crystal-clear visuals

The Autel EVO II Pro V3 is a professional-grade drone equipped with an advanced 1" CMOS sensor. CMOS sensors are widely recognized as the gold standard in imaging technology, offering superior image clarity and precision compared to other types of sensors.



Professional Videos

4K HDR

With 4K HDR capabilities, the Autel Robotics EVO II Pro V3 can capture greater detail in both highlights and shadows. This means that it can produce higher-quality images and video, even in the most demanding environments.

Whether you're filming in bright sunlight or dimly lit areas, this feature ensures that your footage will be crisp and clear, with accurate color representation and dynamic range.



12-bit DNG

The Autel Robotics EVO II Pro V3 is capable of taking 12-bit DNG photos, which enables it to capture up to 68.6 billion colors. With 64 times the color rendering power of 10-bit, this drone provides greater flexibility in post-production, allowing photographers to fine-tune their images and achieve the desired look and feel.



Autel SkyLink 2.0 Video Transmission

The Autel Robotics EVO II Pro V3 chipset comes with SkyLink 2.0 technology, which expands the possibilities for your most critical workflows. This feature provides a reliable and stable connection between the drone and the controller, even in challenging environments with high interference or signal loss. With SkyLink 2.0, pilots can focus on their tasks and achieve their goals without worrying about connectivity issues, which makes it an essential feature for professional applications that require high levels of precision and efficiency.

9+ Miles

Do more because you can fly further away.

QHD

Incredible video resolution within a mile, meeting most common use cases.

2.4GHz / 5.8GHz / 900MHz

Supports tri-band communication with automatic frequency hopping for maximum anti-interference capabilities.

** 900MHz is only applicable for FCC countries.*



No Forced Updates*

EVO II Pro V3 does not need to be on the latest firmware or app version in order to take off.



No Fly Zones**

EVO II Pro V3 does not have no fly zones and will not prevent the pilot from taking off.



Deploy Rapidly

Deploy in under a minute. The EVO II Pro V3 can go from its case to the air in 45 seconds.

EVO II – AI Enhanced Dynamic Track

The Autel Robotics EVO II Pro V3 is equipped with advanced object tracking technology that allows it to model the location and speed of targets simultaneously, predict their trajectory accurately, avoid obstacles during flight, and track them continuously. This feature can identify up to 64 objects at the same time, providing pilots with a comprehensive view of their surroundings. Moreover, the function can track the subject in three modes: behind, side-by-side, or fixed position, giving pilots greater flexibility and control when capturing footage.



360° Obstacle Avoidance

Autel Robotics EVO II Pro V3 Drone is equipped with front, rear, left, right, top, and bottom binocular vision sensing systems that use image data to calculate the distance between the aircraft and potential obstacles. This feature enables the drone to detect potential hazards at up to 30m away and accurately control its speed to avoid collisions. With this advanced obstacle avoidance technology, pilots can navigate through challenging environments and capture footage with confidence, knowing that the drone is capable of avoiding obstacles on its own.

Mission Planner

The Autel Robotics EVO II Pro V3 comes with two mission planners: Rectangular and Polygon. These mission planners are particularly useful for professionals who need to capture a large number of images in a rectangular or polygonal area. By using these planners, pilots can plan and execute missions autonomously, saving time and effort. Once the images are captured, users can upload them to their preferred 3D mapping software to generate accurate and detailed maps. With the EVO II Pro V3's mission planners, pilots can achieve their goals more efficiently and accurately.



Failsafe & Automatically Return Home

The Autel Robotics EVO II Pro V3 Drone comes with advanced safety features that ensure a safe and reliable flight experience. In the event of a low battery level or communication loss, the drone will automatically return to the home point, ensuring a safe landing. Additionally, the EVO II Pro V3 is equipped with a bottom binocular vision camera that creates a density depth map. This feature enables the drone to calculate the flatness and angles of the landing area, ensuring a precise and safe landing. With this advanced technology, pilots can have peace of mind knowing that their drone will safely return home even in challenging situations. This feature is particularly useful for professionals who need to operate the drone in complex or hazardous environments, where safety and reliability are critical.





40 Minutes & 9 Miles HD Transmission

Autel EVO II Pro V3 drone is equipped with a powerful 7100mAh rechargeable battery, which provides up to 40 minutes of flight time in forward motion and up to 35 minutes at a hover. With a range of up to 15 kilometers (9.3 miles), pilots can explore vast areas and capture stunning aerial footage without the need for frequent battery changes or recharges. The EVO II Pro V3 also boasts a top speed of up to 45 miles per hour, making it an ideal choice for professionals who need to cover large distances quickly.



40 minutes
Maximum Flight Time

9.3 miles (15km)
Maximum Transmission
Range

27 mph (12m/s)
Maximum Wind
Resistance

45 mph (20m/s)
Maximum Flight Speed

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Autel Smart Controller SE

The Smart Controller SE is equipped with a 6.4-inch OLED touch screen and a powerful 8-core processor for high-definition image transmission. With SkyLink 2.0 transmission technology, you can operate the EVO II Pro V3 from up to 15km away, while triple-band frequency hopping enhances anti-interference capabilities. The customized Android system also allows for flexibility with 3rd party apps. Plus, with an IP43 rating, the Smart Controller SE delivers reliable performance in all weather conditions.



6.4-Inch
OLED Screen



Removable
Battery



9.3 Miles
Transmission
Range



14°F to 104°F
Operating
Temperature



3rd Party Apps

JETAYU