AUTEL
ROBOTICS

EVO II Pro V3
Reliable And Dependable

All New 6K 1" CMOS

See clearer with Sony's new 20 megapixel 1 inch CMOS image sensor, the EVO II Pro V3 supports up to 6K video resolution with stronger noise suppression, and higher frame rates.

1-INCH
CMOS

20MP
Photo

6K/30FPS
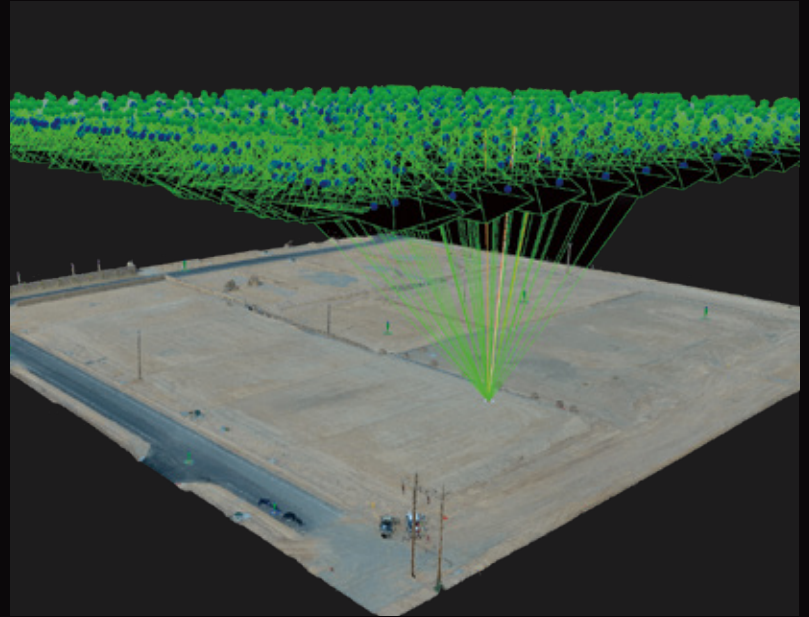Video

F2.8 ~ F11
Aperture

Excel in Low Light

EVO II Pro V3 brings you Autel's Moonlight Algorithmn 2.0 with additional noise reduction processing. Paired with EVO II Pro V3's upgraded CMOS, succeed in operations with minimal lighting or in harsh lighting situations at night.

Zoom in for the Details

EVO II Pro V3 supports 3x lossless zoom and 16 times digital zoom.
Obtain clear intel from farther away without suspicion.

Accident Reconstruciton

The EVO II Pro V3 is excellent for accident reconstruciton, and
is compatible with Pix4d, Drone Deploy, and Skyebrowse.

SkyLink 2.0
Video Transmission

The EVO II Pro V3 is upgraded with Autel's all new SkyLink 2.0 Video Transmission technology.

15KM

Fly farther with HD video transmission up to 15km.

QHD

Obtain critical details with QHD video within 1km.

2.4G/5.8G/900MHz

Less signal breakups and enhanced anti-inter-ference capabilities.

* 900MHz is only applicable for FCC countries.

360° Obstacle Avoidance

EVO II Pro V3 is equipped with 12 visual optical sensors, which integrates 19 sets of sensors including the main camera, ultrasonic wave, and IMU to build a three-dimensional map of the drone and its surroundings in real time. Fly through complex environments without fear as the EVO II Pro V3 will automatically stop near obstacles*.

* Please refer to the manual for details on obstacle avoidance and its limitations, which may or may not work in limited lighting environments, under direct strong sunlight, or across thin tree branches or wires.

Practical and Convenience Features

No Forced Updates

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

No Fly Zones

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

Deploy Rapidly

The EVO II Pro V3 takes 45 seconds from launch to takeoff without fuss.

*Please fly safely and consult your local laws and regulations. Autel Robotics is not liable for any unauthorized flights.
* *Understand that the warranty does not apply if the pilot is not on the latest app and firmware updates.   APP and Firmware updates provide the latest feature and safety benefits to the pilot, fly at your own risk.

Maximum Performance
Endless Possibilities

40min
Maximum
Flight Time

15km
(9.3miles)
Maximum
Transmission
Range

20m/s
(45mph)
Maximum
Flight Speed

17m/s
(39mph)
Maximum
Wind Resistance

920g
(2lbs)
Maximum
Lift Capability

40min

Autel Smart Controller SE

Smart Controller SE comes with an 6.4-inch OLED touch screen and latest gen 8-core processor for HD image transmission. SkyLink 2.0 Transmission technology guarantees long-distance operations from up to 15km away and enhances anti-interference abilities with triple band frequency hopping. The customized Android system allows for additional flexibility with 3rd party apps and an IP43 rating ensures all weather performance.

6.4-Inch OLED Screen

Removable Battery

15km Transmission Range

10℃ to 40℃ Operating Temperature

3rd Party Apps

Broadcast with Live Deck 2

Broadcast live mission intel to other personel in the operation for enhanced situational awareness and critical decision making. The EVO II Dual 640T V3 is compatible with Live Deck 2, which offer multiport streaming to monitors and Wifi support for multiple smart phones.

1080P Video Stream
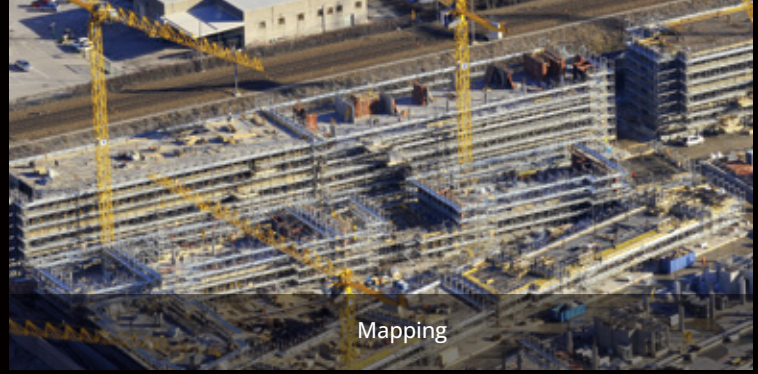
Three Auto-Switch Bands

12KM Transmission Range

IP43 Resistance

Applications

Public Safety

Mapping

Search & Rescue

Security

Firefighting

Applications

Aircraft	
Takeoff Weight	1191 g
Wheelbase	397 mm
Size (L*W*H)	230*130*108 mm (folded) 260*355*108 mm (unfolded)
Maximum Service Ceiling Altitude	7000 m
Max Horizontal Flight Speed	20 m/s
Max Flight Time (No Wind)	40 min
Operating Temperature Range	-10°C ~ 40°C
Maximum Resistance to Wind	Level 8
Hovering Accuracy	Vertical: ±0.1 m (when the visual positioning is working normally) ±0.5 m (when GPS works normally) Horizontal: ±0.3 m (when the visual positioning is working normally) ±1.5 m (when GPS works normally)
GNSS	GPS/Beidou/Glonass/Gallieo

RC and Image Transmission

Operating Frequency	902-928 MHz (FCC only) 2.400-2.4835 GHz 5.725-5.850 GHz (non-Japan) 5.650-5.755 GHz (Japan only)
Transmission Power	FCC: ≤33dBm CE: ≤20dBm@2.4G, ≤14dBm@5.8G SRRC: ≤20dBm@2.4G, ≤33dBm@5.8G/5.7G
Max Transmission Distance (Unobstructed, Free of Interference)	FCC: 15 km CE: 8 km
Display Screen	2340x1080 60fps
Battery	1900 mAh
Operating Time	~2 hours (max. brightness) ~4 hours (50% brightness)
Charging Time	90 minutes
Internal Storage	ROM 128GB + expandable storage via micro-SD card

Camera	
Sensor	1 inch CMOS; 20M pixels
Lens	FOV: 82° 35 mm format equivalent focal length: 29 mm Aperture: f/2.8 - f/11 Focus range: 0.5 m to infinity
ISO Range	Video: 100-44000 Photos: 100-6400
Shutter Speed	Photo mode: 1/8000 ~ 8s Other: 1/8000 ~ 1/frame rates
Zoom	1-16x (up to 3x lossless zoom)
Photo mode	Single shot Burst shooting AEB Time lapse HDR

Camera	
Maximum Photo Size	5472*3648 (3:2) 5472*3076 (16:9) 3840*2160 (16:9)
Image Format	JPG/DNG/JPG+DNG
Photo Mode	5472x3076P30/P25/P24 3840x2160P60/P50/P48/P30/P25/P24 2720x1528P60/P50/P48/P30/P25/P24 1920x1080P60/P50/P48/P30/P25/P24
Video Format	MP4/MOV (MPEG-4 AVC/H.264, HEVC/H.265)
Max Bitrate	120Mbps

A TRADITION IN PRECISION

Seattle 425-771-7776 | Tacoma 253-922-6087 | Portland 503-641-3388
Salt Lake City 801-878-9763 | Las Vegas 702-586-1152 | Boise 800-537-6848
www.KukerRanken.com

www.autelrobotics.com