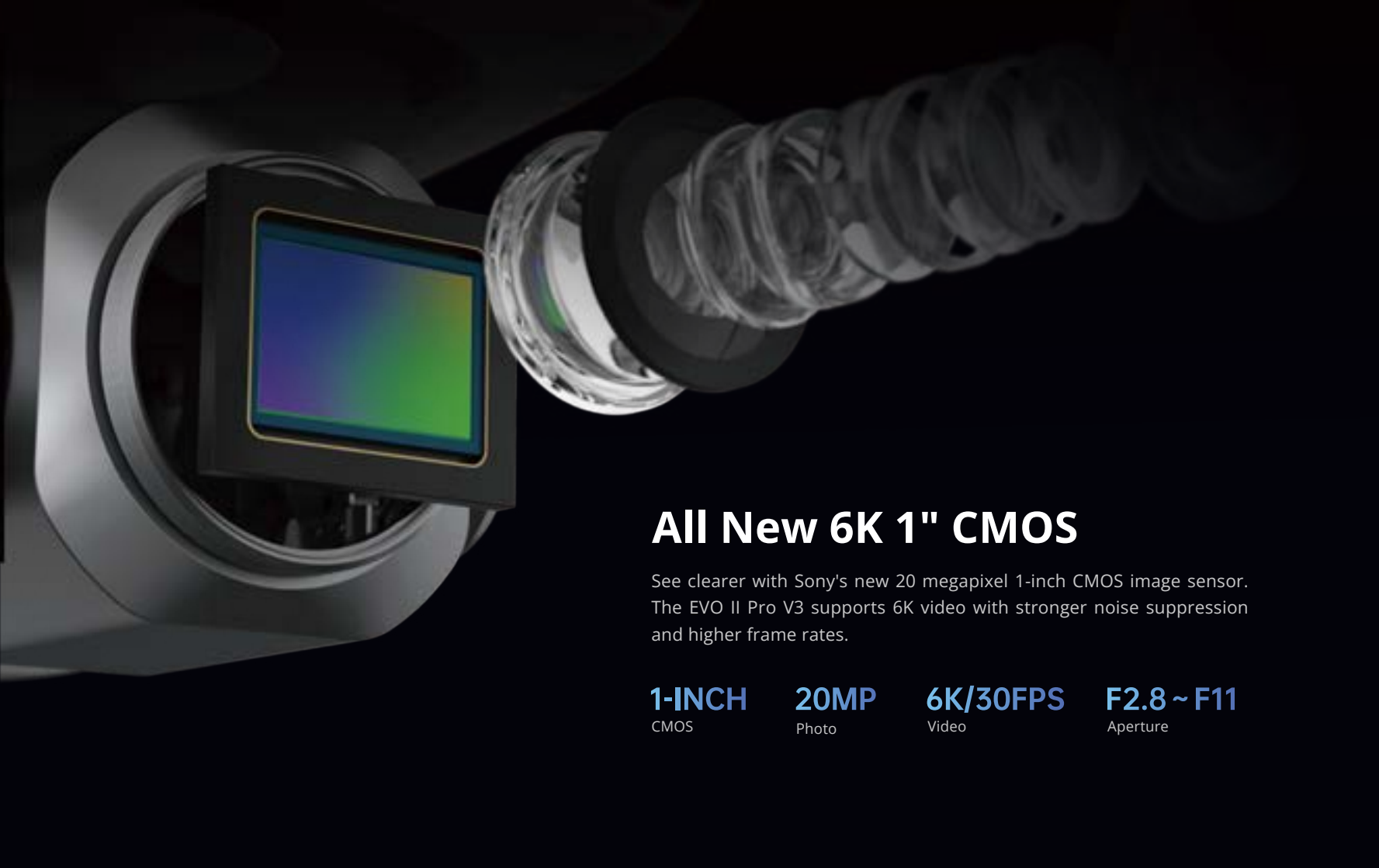

AUTEL
ROBOTICS
EVO II Pro V3
Reliable And Dependable



All New 6K 1" CMOS

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

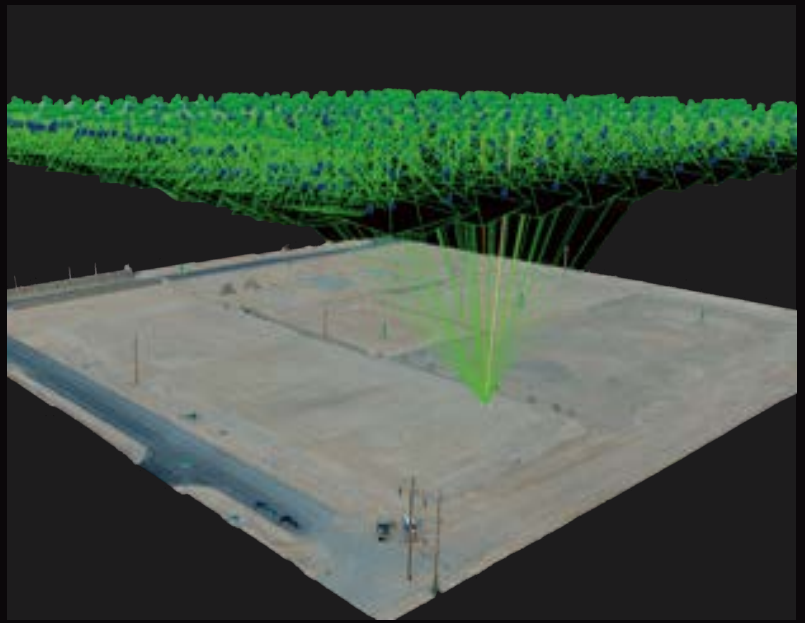
1-INCH	20MP	6K/30FPS	F2.8 ~ F11
CMOS	Photo	Video	Aperture

Excel In Low Light

EVO II Pro V3 brings you Autel's Moonlight Algorithmn 2.0, with additional noise reduction. Paired with its upgraded CMOS, pilots can provide support in operations with minimal lighting or at night.

Zoom In For The Details

EVO II Pro V3 supports 3x lossless zoom and 16x digital zoom. Obtain clear intel from farther away.



Accident Reconstruction

The EVO II Pro V3 is excellent for accident reconstruction, and is compatible with Pix4D, DroneDeploy, 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

Get on-screen QHD video within 1km. Obtain critical details with a resolution of 2560 x 1440 for a total of 3,686,400 pixels–about 1.8x the pixels of an FHD monitor.

2.4G/5.8G/900MHz

Supports tri-band communication and can automatically frequency hop for maximum anti-interference capability.

* 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 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.

* It's required to update the latest firmware and app to enjoy comprehensive warranty. More information please refer to warranty policy.

** Please fly safely and consult your local laws and regulations. Autel Robotics is not liable for any unauthorized flights.

Maximum Performance
Endless Possibilities

40mins
Maximum
Flight Time

15km
(9.3miles)
Maximum
Transmission
Range

20m/s
(45mph)
Maximum
Flight Speed

12m/s
(27mph)
Maximum
Wind Resistance

920g
(2lbs)
Maximum
Lift Capability

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. Enhanced anti-interference settings and triple-band frequency hopping boost performance. The customized Android system allows for additional flexibility with 3rd party apps and an IP43 rating ensures all-weather performance.

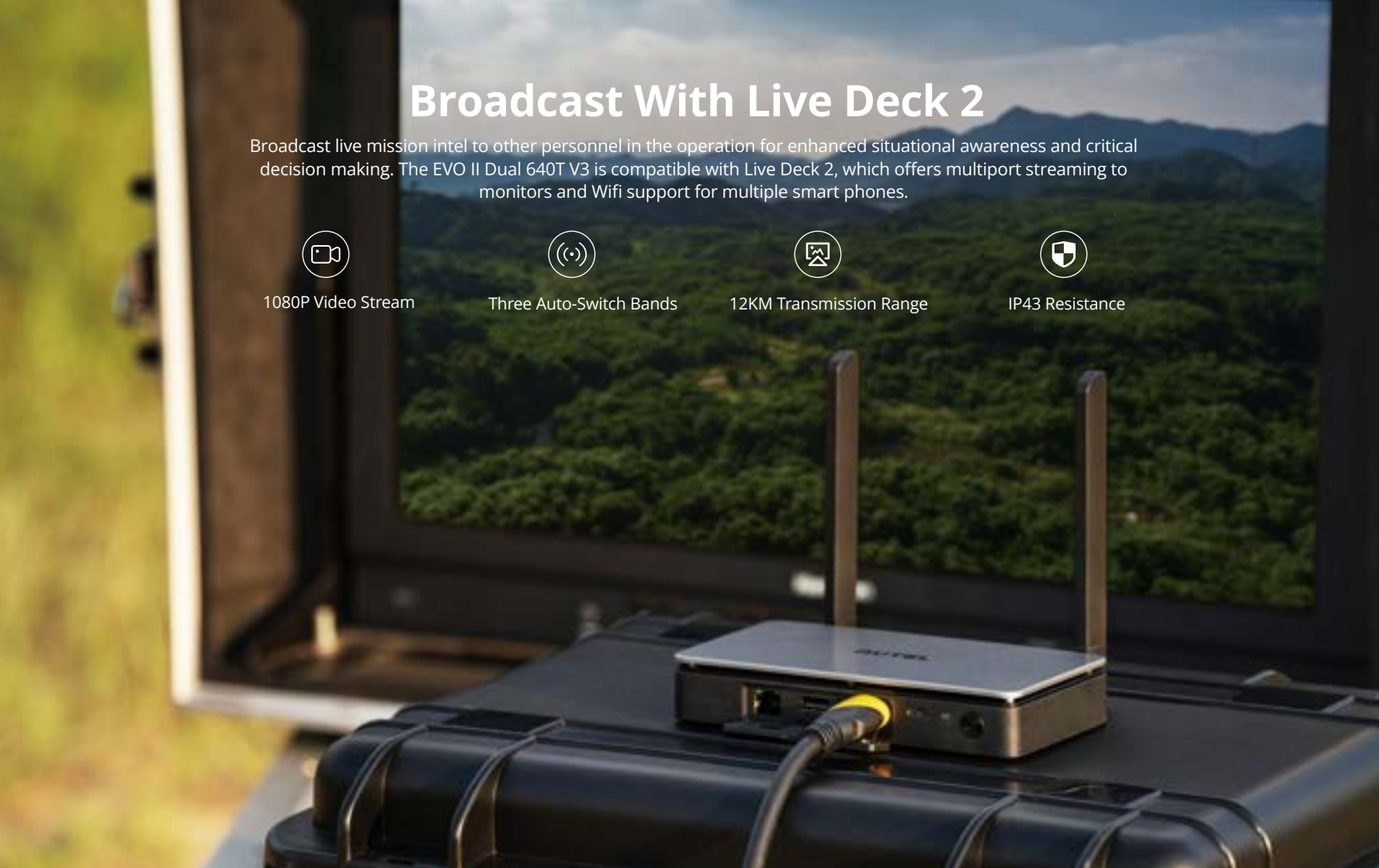
6.4-Inch OLED Screen

Removable Battery

15km Transmission Range

10°C to 40°C Operating Temperature

3rd Party Apps



Broadcast With Live Deck 2

Broadcast live mission intel to other personnel in the operation for enhanced situational awareness and critical decision making. The EVO II Dual 640T V3 is compatible with Live Deck 2, which offers 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)	230x130x108 mm (folded) 457x558x108 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
Wind Resistance	27mph, 12 m/s (Take-off and landing)
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

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