Takeoff weight	820g
Dimensions (including blades)	Folded: 210×104×85mm Unfolded: 430×517×85mm
Wheelbase	368mm
Max ascent speed	8m/s (sport), 5m/s (normal), 3m/s (stable)
Max descent speed	4m/s (sport), 3m/s (normal), 2m/s (stable)
Max Level Flight Speed (no wind, near sea level)	19m/s (sport), 10m/s (normal), 5m/s (stable)
Max Takeoff Altitude	5000m
Max Flight Time (no wind)	40min

Max Hovering Time (no wind)	38min
Max Flight Distance (no wind)	24km
Max Wind Resistance	Level 7
Max Tilt Angle	33°(movement), 25°(normal), 25°(stable)
Max Angular Velocity	200°(movement), 120°(normal), 60°(stable)
Operating Temperature	-10°C ~ 40°C
Operating frequency	2.400-2.4835GHz 5.725-5.850GHz 5.150-5.250GHz

Transmission Power (EIRP)	FCC:≤30dBm
GNSS	GPS
Hovering Accuracy	Vertical:±0.1m (when the visual positioning is active), ±0.5m (with GPS positioning); Horizontal:±0.3m (when the visual positioning is active), ±1.5m (with GPS positioning);
Built-in storage	6GB
SD storage	Max. support 256GB（UHS-3 rating required）

Gimbal

	Lite
Stabilization	4-axis (horizontal/vertical/tilt/rotation shooting)
Mechanical Range	Pitch: -135°~45°

	Roll: -45°~45° Yaw: -90°~90° Rotate: -400°~400°
Controllable Range	Pitch: -90°~30° Yaw: -80°~80° Rotate: -360°~360°
Max Control Speed (pitch)	30°/s
Angular Vibration Range	±0.003°

Perception System

Forward	Accurate measurement range: 0.5~18m Effective sensing speed:<12m/s FOV: horizontal<70°, vertical <88°
Backward	Accurate measurement range: 0.5~18m Effective sensing speed: <12m/s

	FOV：Horizontal<40°,Vertical<30°
Downward	Accurate measurement range: 0.5~22m Visual hovering range: 0.5~40m FOV: horizontal<40°, vertical <30°
Operating environment	Forward, backward: Surface with clear pattern and adequate lighting(lux> 15) Downward: Surface with clear pattern and adequate lighting(lux> 15); Detects diffuse reflective surfaces(>20%) (walls, trees, people, etc.)

Camera

	EVO Lite
Sensor	CMOS: 1/1.28 inch Effective pixels: 50M Pixel size: 1.22μm*1.22μm
Lens	FOV: 85° Equivalent focal length: 23mm

	Aperture: f/1.9 Focus range: 0.5m ~ ∞ Focus mode: PDAF+CDAF/MF
Shooting mode	Automatic mode (P gear): EV adjustable, ISO/Shutter automatic Manual mode (M gear): ISO/Shutter adjustable, EV not adjustable Shutter priority (S file): Shutter/EV adjustable, ISO automatic
ISO range	Video: ISO100 ~ ISO6400 Photo: ISO100 ~ ISO6400 Night scene mode: ISO up to 64000
Shutter speed	Photo mode: 1/8000 ~ 8s Other: 1/8000 ~ 1/frame rates
Portrait blur	Real-time image transmission portrait blur and photo portrait blur

Defog mode	Support
Zoom Range	Digital zoom: 1 ~ 16 times Lossless zoom: 4K: 2 times; 1080p: 4 times Note: 4K: more than 2 times the digital, the following is lossless 1080P: more than 4 times the digital, the following is lossless
Photo format	JPG / DNG / JPG+DNG
Photo resolution	50MP：8192x6144（4:3） 12.5MP（default）：4096x3072（4:3） 4K：3840x2160（16:9）
Photo shooting mode	Single shot Burst shooing: 3/5 Auto exposure bracketing(AEB): 3/5 shots

	Interval: 2s/3s/4s/5s (default)/6s/.../60s (DNG min 5s) HDR imaging: 8192x6144/4096x3072/3840x2160 HyperLight: 8192x6144/4096x3072/3840x2160
Video coding format	H265/H264
Video resolution	3840x2160 p60/50/48/30/25/24 2720x1528 p60/50/48/30/25/24 1920x1080 p120/60/50/48/30/25/24 HDR: 3840x2160 p30/25/24 2720x1528 p30/25/24 1920x1080 P60/50/48/30/25/24
Max bitrate	120Mbps
Timelapse	Original image:3840*2160, JPG/DNG Video: 4K P25

Panorama	Horizontal/Vertical/Wide-angle/Spherical Original image: 4096*3072, JPG/DNG
Supported file system	Fat32、exFat
Video format	MP4/MOV
WIFI transfer	20MB/s

Remote controllor and image transmission

Operating frequency	2.400-2.4835GHz 5.725-5.850GHz 5.150-5.250GHz
Max transmission distance (unobstructed, free of interference)	FCC: 12km

Operating temperature	0°C ~40°C
Transmission power (EIRP)	FCC: ≤30dBm
Battery capacity	3930mAh
Max battery life	~ 3.5h (when connected to a mobile phone) ~ 2.5h (when not connected to mobile phone)
Interface type	Type C
Transmission system	Autel SkyLink
Realtime transmission quality	Transmission distance<1km: 2.7K 30fps Transmission distance>1km: 720P 30fps
Transmission	90Mbps

bitrate	
Transmission delay	≤200ms

Adapter

Input	100-240V/50-60HZ
Output	12.75V==5A
Rated power	63.75W

Aircraft Battery

Capacity	6175mAh
Voltage	11.13V
Max charging voltage	12.75V
Battery Type	Li-Po 3S

Energy	68.7Wh
Charging temperature	5~45℃
Single battery charging time	90min
Max charging power	78W

App

Mobile App	Autel Sky
Mobile system required	iOS 12.0 and above Android 8.0 and above