

SPECIFICATIONS

Aircraft	Takeoff Weight	1391 g
	Max Service Ceiling Above Sea Level	19685 ft (6000 m)
	Max Flight Time	Approx. 30 minutes
	Operating Temperature Range	32° to 104° F (0° to 40°C)
Hover Accuracy Range	RTK enabled and functioning properly:	Vertical: ±0.1 m; Horizontal: ±0.1 m
	RTK disabled	Vertical: ±0.1 m (with vision positioning) ; ±0.5 m (with GNSS positioning) Horizontal: ±0.3 m (with vision positioning) ; ±1.5 m (with GNSS positioning)
Image Position Offset	The position of the camera center is relative to the phase center of the onboard D-RTK antenna under the aircraft body's axis:(36, 0, and 192 mm) already applied to the image coordinates in Exif data. The positive x, y, and z axes of the aircraft body point to the forward, rightward, and downward of the aircraft, respectively.	
GNSS	Single-Frequency, High-Sensitivity GNSS Module	GPS+BeiDou+Galileo (Asia) GPS+GLONASS+Galileo (other regions)
	Multi-Frequency, Multi-System High Precision RTK GNSS Module	Frequency Used: GPS: L1/L2; GLONASS: L1/L2; BeiDou: B1/B2; Galileo: E1/E5a Velocity Accuracy: 0.03 m/s
Camera	Sensor	1" CMOS; Effective pixels: 20 M
	Lens	FOV(Field of View)84°,8.8 mm(35 mm format equivalent:24 mm), f/2.8 - f/11, auto focus at 1 m - ∞
	ISO Range	Video:100-3200(Auto), 100-6400(Manual); Photo:100-3200(Auto),100-12800(Manual)
	Shutter Speed	Electronic Shutter Speed: 8-1/8000 s
		Mechanical Shutter Speed: 8-1/2000 s
	Still Image Size	3:2: 5472×3648
4:3: 4864×3648		
Supported SD Cards	MicroSD, Max Capacity: 128 GB. Class 10 or UHS-1 rating required	

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