

ESPECIFICAÇÕES

Aircraft

Takeoff Weight	1391 g
Diagonal Distance	350 mm
Max Service Ceiling Above Sea Level	19685 ft (6000 m)
Max Ascent Speed	6 m/s (automatic flight); 5 m/s (manual control)
Max Descent Speed	3 m/s
Max Speed	31 mph (50 kph)(P-mode) 36 mph (58 kph)(A-mode)
Max Flight Time	Approx. 30 minutes
Operating Temperature Range	32° to 104° F (0° to 40°C)
Operating Frequency	2.400 GHz to 2.483 GHz (Europe, Japan, Korea) 5.725 GHz to 5.850 GHz (United States, China)
Transmission Power (EIRP)	2.4 GHz CECE (Europe) / MIC (Japan) / KCC (Korea) : < 20 dBm 5.8 GHz SRRC (China) / FCC (United States) / (Taiwan,China): < 26 dBm
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 body's axis:(36, 0, and 192 mm) already applied to the image coordinates in Exif data. The positive x, y, 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	Frequency Used: GPS: L1/L2; GLONASS: L1/L2;

BeiDou: B1/B2;
Galileo*: E1/E5a

First-Fixed Time: < 50 s

Positioning Accuracy: Vertical 1.5 cm + 1 ppm (RMS) ;
Horizontal 1 cm + 1 ppm (RMS)

1 ppm means the error has a 1mm increase for every 1 km of movement from the aircraft.

*Available soon

Mapping Functions

Mapping Accuracy **	Mapping accuracy meets the requirements of the ASPRS Accuracy Standards for Digital Orthophotos C ** The actual accuracy depends on surrounding lighting and patterns, aircraft altitude, mapping software other factors when shooting.
Ground Sample Distance(GSD)	(H/36.5) cm/pixel, H means the aircraft altitude relative to shooting scene (unit: m)
Data Acquisition Efficiency	Max operating area of approx. 1 km ² for a single flight(at an altitude of 182 m, i.e., GSD is approx. 5 cm meeting the requirements of the ASPRS Accuracy Standards for Digital Orthophotos Class III

Gimbal

Stabilization	3-axis (tilt, roll, yaw)
Pitch	-90° to +30°
Max Controllable Angular Speed	90°/s
Angular Vibration Range	±0.02°

Vision System

Velocity Range	≤31 mph(50 kph) at 6.6 ft(2 m) above ground with adequate lighting
Altitude Range	0-33 ft(0 - 10 m)
Operating Range	0-33 ft(0 - 10 m)
Obstacle Sensing Range	2-98 ft(0.7-30 m)
FOV	Forward/Rear: 60° (horizontal), ±27° (vertical) Downward: 70° (front and rear), 50° (left and right)
Measuring Frequency	Forward/Rear: 10 Hz; Downward: 20 Hz
Operating Environment	Surfaces with clear patterns and adequate lighting(> 15 lux)

Infrared

Obstacle Sensing Range	0.6-23 ft(0.2 - 7 m)
FOV	70°(Horizontal) ±10°(Vertical)

Measuring Frequency	10 Hz
Operating Environment	Surface with diffuse reflection material, and reflectivity > 8% (such as wall,trees, humans, etc.)

Camera

Sensor	1" CMOS; Effective pixels: 20 M
Lens	FOV 84°; 8.8 mm / 24 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)
Mechanical Shutter Speed	8 - 1/2000 s
Electronic Shutter Speed	8 - 1/8000 s
Max Image Size	4864×3648 (4:3) ; 5472×3648 (3:2)
Video Recording Modes	H.264, 4K: 3840×2160 30p
Photo Format	JPEG
Video Format	MOV
Supported File Systems	FAT32 (≤ 32 GB) ; exFAT (> 32 GB)
Supported SD Cards	MicroSD, Max Capacity: 128 GB. Class 10 or UHS-1 rating required Write speed≥15 MB/s
Operating Temperature Range	32° to 104° F (0° to 40°C)

Remote Controller

Operating Frequency	2.400 GHz-2.483 GHz(Europe,Japan,Korea) 5.725 GHz-5.850 GHz(United States, China)
Transmission Power (EIRP)	2.4 GHz CE / MIC / KCC: < 20 dBm 5.8 GHz SRRR / FCC: < 26 dBm
Max Transmission Distance	FCC: 4.3 mi(7 km); SRRR / CE / MIC / KCC: 3.1 mi(5 km) (Unobstrcted, free of interference)
Power Consumption	16 W(typical value)
Display	5.5 inch screen, 1920×1080, 1000 cd/m², Android System Memory 4G RAM+16G ROM
Operating Temperature Range	32° to 104° F (0° to 40°C)

Intelligent Flight Battery(PH4-5870mAh-15.2V)

Capacity	5870 mAh
Voltage	15.2 V
Battery Type	LiPo 4S
Energy	89.2 Wh
Net Weight	468 g
Charging Temperature Range	14° to 104°F(-10° to 40°C)
Max charging Power	160 W

Intelligent Flight Battery Charging Hub(PHANTOM 4 CHARING HUB)

Voltage	17.5 V
Operating Temperature Range	41° to 104°F(5° to 40°C)
Capacity	4920 mAh
Voltage	7.6 V
Battery Type	LiPo 2S
Energy	37.39 Wh
Operating Temperature	-4° to 104°F(-20° to 40°C)

Intelligent Battery Charing Hub(WCH2)

Input Voltage	17.3 - 26.2 V
Output Voltage and Current	8.7 V, 6 A; 5 V, 2 A
Operating Temperature	41° to 104°F(5° to 40°C)

AC Power Adapter(PH4C160)

Voltage	17.4 V
Rated Power	160 W

Categorias de produtos

Consumo
Professional
Enterprise
Componentes

Onde comprar

Loja online
Lojas conceito
Lojas (varejo)
Distribuidores Enterprise
Revendedores de drones agrícolas
Distribuidores profissionais
Cooperação
Torne-se um revendedor

Fly Safe

Fly Safe
Dicas de voo DJI
Suporte
Suporte aos produtos
Solicitação de serviço e consulta
Ajuda de compra
Políticas de Pós-vendas
Download Center

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Compras corporativas
Explore
Sala de Imprensa
Eventos
Educação STEM
Guias de Compra

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