

Aircraft	P4P
Weight (Battery & Propellers Included)	1388 g
Diagonal Size (Propellers Excluded)	350 mm
Max Ascent Speed	S-mode: 6 m/s; P-mode: 5 m/s
Max Descent Speed	S-mode: 4 m/s; P-mode: 3 m/s
Max Speed	45 mph (72 kph) (S-mode); 36 mph (58 kph) (A-mode); 31 mph (50 kph) (P-mode)
Max Tilt Angle	42° (S-mode); 35° (A-mode); 25° (P-mode)
Max Angular Speed	250° /s (S-mode); 150° /s (A-mode)
Max Service Ceiling Above Sea Level	19685 ft (6000 m)
Max Flight Time	Approx. 30 minutes
Operating Temperature	32° to 104° F (0° to 40° C)
Satellite Positioning Systems	GPS/GLONASS
GPS Hover Accuracy Range	Vertical: ±0.1 m (With Vision Positioning); ±0.5 m (With GPS Positioning)
	Horizontal: ±0.3 m (With Vision Positioning); ±1.5 m (With GPS Positioning)
Gimbal	
Stabilization	3-axis (pitch, roll, yaw)
Controllable Range	Pitch: -90° to +30°
Max Controllable Angular Speed	Pitch: 90° /s
Angular Control Accuracy	±0.03°
Vision System	
Velocity Range	≤31 mph (50 kph) at 6.6 ft (2 m) above ground
Altitude Range	0 - 33 ft (0 - 10 m)
Operating Range	0 - 33 ft (0 - 10 m)
Obstacle Sensory Range	2 - 98 ft (0.7 - 30 m)
FOV	±60° (Horizontal), ±54° (Vertical)
Detection Frequency	10Hz

Operating Environment	Surfaces with clear patterns and adequate lighting (> 15 lux)
TOF Sensing System	
Obstacle Sensory Range	0.6 - 23 ft (0.2 - 7 m)
FOV	±35° (Horizontal), ±10° (Vertical)
Detection 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: 20M
Lens	FOV (Field of View) 84°, 24 mm (35 mm format equivalent), 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	8 - 1/2000 s
Electronic Shutter	8 - 1/8000 s
Max Image Size	3:2 Aspect Ratio: 5472 × 3648
	4:3 Aspect Ratio: 4864 × 3648
	16:9 Aspect Ratio: 5472 × 3078
PIV Image Size	16:9 Aspect Ratio:
	• 5248 × 2952 (3840 × 2160 24/25/30p, 2720 × 1530 24/25/30p, 1920 × 1080 24/25/30p, 1280 × 720 24/25/30p)
	• 3840 × 2160 (3840 × 2160 48/50p, 2720 × 1530 48/50p, 1920 × 1080 48/50/60p, 1280 × 720 48/50/60p)
	17:9 Aspect Ratio:
	• 4896 × 2592 (4096 × 2160 24/25/30p)
	• 4096 × 2160 (4096 × 2160 48/50p)
	Single Shot

Still Photography Modes	Burst Shooting: 3/5/7/10/14 frames
	Auto Exposure Bracketing (AEB): 3/5 bracketed frames at 0.7EV Bias
	Interval: 2/3/5/7/10/15/30/60 s
Video Recording Modes	H.265
	• C4K: 4096×2160 24/25/30p @100Mbps
	• 4K: 3840×2160 24/25/30p @100Mbps
	• 2.7K: 2720×1530 24/25/30p @65Mbps
	2720×1530 48/50/60p @80Mbps
	• FHD: 1920×1080 24/25/30p @50Mbps
	1920×1080 48/50/60p @65Mbps
	• HD: 1280×720 24/25/30p @25Mbps
	1280×720 48/50/60p @35Mbps
	H.264
	• C4K: 4096×2160 24/25/30/48/50/60p @100Mbps
	• 4K: 3840×2160 24/25/30/48/50/60p @100Mbps
	• 2.7K: 2720×1530 24/25/30p @80Mbps
	2720×1530 48/50/60p @100Mbps
	• FHD: 1920×1080 24/25/30p @60Mbps
1920×1080 48/50/60/120p @80Mbps	
• HD: 1280×720 24/25/30p @30Mbps	
1280×720 48/50/60/120p @45Mbps	
Video Storage Bitrate	100 Mbps
Supported File Systems	FAT32 (≤ 32 GB); exFAT (> 32 GB)
Photo	JPEG, DNG (RAW), JPEG + RAW
Video	MP4/MOV (AVC/H.264; HEVC/H.265)
Supported SD Cards	Micro SD, Max Capacity: 128GB. Write speed ≥15MB/s, class 10 or UHS-1 rating required

Operating Temperature	32° to 104° F (0° to 40° C)
Remote Controller	
Operating Frequency	2.400 - 2.483 GHz and 5.725 - 5.850 GHz
Max Transmission Distance	FCC Compliant: 4.3mi (7km); CE Compliant: 2.2mi (3.5km) (Unobstructed, free of interference)
Operating Temperature	32° to 104° F (0° to 40° C)
Battery	6000mAh LiPo 2S
Transmitter Power	2.400 GHz - 2.483 GHz
(EIRP)	FCC: 23 dBm; CE: 17 dBm
	5.725 GHz - 5.850 GHz
	FCC: 30 dBm; CE: 14 dBm
Operating Voltage	1.2 A @7.4 V
Video Output Port	GL300E(standard RC): USB
	GL300F(RC with screen): HDMI , USB
Mobile Device Holder	GL300E: Tablets and smart phones
	GL300F: Built-in display device (5.5 inch screen, 1920×1080, 1000 cd/m ² , Android system, 4G RAM + 16G ROM)
Charger	
Voltage	17.4 V
Rated Power	100 W
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	100 W