Category	Item	Specification
Aircraft	Dimensions	Unfolded, propellers excluded, 810×670×430 mm (L×W×H) Folded, propellers included, 430×420×430 mm (L×W×H)
Aircraft	Diagonal Wheelbase	895 mm
Aircraft	Weight (with single downward gimbal)	Approx. 3.6 kg (without batteries) Approx. 6.3 kg (with two TB60 batteries)
Aircraft	Max Payload	2.7 kg
Aircraft	Max Takeoff Weight	9 kg
Aircraft	Operating Frequency	2.4000-2.4835 GHz 5.725-5.850 GHz
Aircraft	EIRP	2.4000-2.4835 GHz: 29.5 dBm (FCC); 18.5dBm (CE) 18.5 dBm (SRRC); 18.5dBm (MIC) 5.725-5.850 GHz: 28.5 dBm (FCC); 12.5dBm (CE) 28.5 dBm (SRRC)
Aircraft	Hovering Accuracy (P-mode with GPS)	Vertical: ±0.1 m (Vision System enabled) ±0.5 m (GPS enabled) ±0.1 m (RTK enabled) Horizontal: ±0.3 m (Vision System enabled) ±1.5 m (GPS enabled) ±0.1 m (RTK enabled)
Aircraft	RTK Positioning Accuracy	When RTK enabled and fixed: 1 cm+1 ppm (Horizontal) 1.5 cm + 1 ppm (Vertical)
Aircraft	Max Angular Velocity	Pitch: 300°/s, Yaw: 100°/s
Aircraft	Max Pitch Angle	30° (P-mode, Forward Vision System enabled: 25°)
Aircraft	Max Ascent Speed	S mode: 6 m/s P mode：5 m/s
Aircraft	Max Descent Speed (vertical)	S mode: 5 m/s P mode：3 m/s
Aircraft	Max Descent Speed (tilt)	S Mode: 7 m/s
Aircraft	Max Speed	S mode: 23 m/s P mode：17 m/s
Aircraft	Service Ceiling Above Sea Level	5000 m (with 2110 propellers, takeoff weight ≤ 7 kg) / 7000 m (with 2195 propellers, takeoff weight ≤ 7 kg)
Aircraft	Max Wind Resistance	15 m/s
Aircraft	Max Flight Time	55 min
Aircraft	Supported DJI Gimbals	Zenmuse XT2/XT S/Z30/H20/H20T
Aircraft	Supported Gimbal Configurations	Single Downward Gimbal, Dual Downward Gimbals, Single Upward Gimbal, Upward and Downward Gimbals, Triple Gimbals
Aircraft	Ingress Protection Rating	IP45
Aircraft	GNSS	GPS+GLONASS+BeiDou+Galileo
Aircraft	Operating Temperature	-20°C to 50°C (-4°F to 122° F)
Remote Controller	Operating Frequency	2.4000-2.4835 GHz 5.725-5.850 GHz
Remote Controller	Max Transmitting Distance(unobstructed, free of interference))	NCC/FCC: 15 km CE/MIC: 8 km SRRC: 8 km

Remote Controller	EIRP	2.4000-2.4835 GHz: 29.5 dBm (FCC) 18.5dBm (CE) 18.5 dBm (SRRC); 18.5dBm (MIC) 5.725-5.850 GHz: 28.5 dBm (FCC); 12.5dBm (CE) 20.5 dBm (SRRC)
Remote Controller	External battery	Name: WB37 Intelligent Battery Capacity: 4920 mAh Voltage: 7.6V Type: LiPo Energy: 37.39Wh Charging time (using BS60 Intelligent Battery Station): 70 minutes (15°C to 45°C); 130 minutes (0°C to 15°C)
Remote Controller	Built-in battery	Type: 18650 lithium ion battery (5000 mAh @ 7.2 V) Charging: Use a USB charger with specification of 12V / 2A Rated power: 17 W Charging time: 2 hours and 15 minutes (Using a USB charger with specification of 12V / 2A)
Remote Controller	Battery Life	Built-in battery: Approx. 2.5h Built-in battery+External battery: Approx. 4.5h
Remote Controller	USB Power Supply	5 V / 1.5 A
Remote Controller	Operating Temperature	-20°C to 40°C (-4 °F to 104 °F)
Vision System	Obstacle Sensing Range	Forward/Backward/Left/Right：0.7-40m Upward/Downward：0.6-30m
Vision System	FOV	Forward/Backward/Downward：65° (H), 50° (V) Left/Right/Upward：75°(H), 60°(V)
Vision System	Operating Environment	Surfaces with clear patterns and adequate lighting (> 15 lux)
Infrared ToF Sensing System	Obstacle Sensing Range	0.1-8m
Infrared ToF Sensing System	FOV	30° (±15°)
Infrared ToF Sensing System	Operating Environment	Large, diffuse and reflective obstacles (reflectivity >10%)
Top and bottom auxiliary light	Effective lighting distance	5 m
FPV Camera	Resolution	960p
FPV Camera	FOV	145°
FPV Camera	Frame rate	30 fps
Intelligent Flight Battery	Name	TB60
Intelligent Flight Battery	Capacity	5935 mAh
Intelligent Flight Battery	Voltage	52.8 V
Intelligent Flight Battery	Battery Type	LiPo 12S
Intelligent Flight Battery	Energy	274 Wh
Intelligent Flight Battery	Net Weight	Approx. 1.35 kg
Intelligent Flight Battery	Operating Temperature	-4°F to 122°F (-20°C to 50°C)
Intelligent Flight Battery	Ideal storage temperature	71.6°F to 86°F (22°C to 30°C)
Intelligent Flight Battery	Charging Temperature	-4°F to 104°F (-20°C to 40°C) (When the temperature is lower than 5°C, the self-heating function will be automatically enabled. Charging in a low temperature may shorten the lifetime of the battery)

Intelligent Flight Battery	Charging time	Using BS60 Intelligent Battery Station: 220V input: 60 minutes (fully charging two TB60 batteries), 30 minutes (charging two TB60 batteries from 20% to 90%) 110V input: 70 minutes (fully charging two TB60 batteries), 40 minutes (charging two TB60 batteries from 20% to 90%)
BS60 Intelligent Battery Station	Dimensions	501*403*252mm
BS60 Intelligent Battery Station	Net Weight	8.37kg
BS60 Intelligent Battery Station	Maximum Capacity	TB60 Intelligent Flight Battery × 8 WB37 Intelligent Battery × 4
BS60 Intelligent Battery Station	Input	100-120 VAC，50-60 Hz / 220-240 VAC，50-60 Hz
BS60 Intelligent Battery Station	Max. Input Power	1070W
BS60 Intelligent Battery Station	Output Power	100-120V: 750W 220-240V：992W
BS60 Intelligent Battery Station	Operating Temperature	-4°F to 104°F (-20°C to 40°C)