

DJI Spreading Wings S900 with Z15-GH4 (HD) Gimbal and A2 Flight Controller



Rating: 4.0

Price:

Variant price modifier:

Price with discount:

Salesprice with discount:

USD 1,700.00

Discount:



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Manufacturer: [Dji](#)

Description

Product Highlights

- Zenmuse Z15-GH4 (HD) Gimbal for GH4/GH3
- Gimbal Provides 360° Camera Rotation
- Collapsible Frame and Folding Props
- HDMI Output for Lightbridge System
- Up to 18 Pound Total Take-Off Weight
- Low Gimbal Mounting with Dampening

- Retractable Landing Gear
- DJI A2 Flight Control System
- Supports Futaba FASST / DJI DESST Radios
- Up 18 Minutes Flying at 12,000mAh

• DJI Spreading Wings S900 Hexacopter

Frame	
Diagonal Wheelbase	35.4" / 900 mm
Frame Arm Length	14.1 / 358 mm
Frame Arm Weight	Including Motor, ESC, and Propellers: 11.1 oz / 316 g
Center Frame Diameter	10.7" / 272 mm
Center Frame Weight	With Landing Gear Mounting Base and Servos: 2.6 lb / 1.2 kg
Landing Gear Dimensions	18.1 x 17.7 x 14.2 / 460 x 450 x 360 mm
Motor	
Stator Size	1.6 x 0.6" / 41 x 14 mm
Motor Velocity Constant	KV: 400 rpm/V
Maximum Power Consumption	500 W
Weight	With Cooling Fan: 5.6 oz / 158 g
Electronic Speed Control (ESC)	
Working Current	40 A
Working Voltage	6S LiPo
Signal Frequency	30 to 450 Hz
Drive PWM Frequency	8 kHz
Weight	With Cooling Fan: 1.2 oz / 35 g
Propeller	
Type	Folding
Material	Plastic
Size	15 x 5.2" / 381 x 132 mm
Weight	0.5 oz / 13 g
Flight Parameters	
Supported Flight Control Systems	DJI A2 and WooKong-M
Take-Off Weight	10.4 to 18.1 lb / 4.7 to 8.2 Kg
Total Weight	7.3 lb / 3.3 Kg
Battery Requirements	LiPo: 6S, 10000 to 15000 mAh, 15C (minimum)
Maximum Power Consumption	3000 W
Hover Power Consumption	1000 W at 15 lb / 6.8 Kg takeoff weight
Hover Time	18 minutes at 12000 mAh and 15 lb / 6.8 Kg takeoff weight
Operating Temperature	14 to 104°F / -10 to 40°C
Packaging Info	
Box Dimensions (LxWxH)	19.8 x 15.7 x 12.7"

• DJI A2 Flight Control System for Multi-Rotor Aircraft

Supported ESC Output	400 Hz refresh frequency
Supported Transmitters	With Built-in Receiver: Futaba FASST series and DJI DESST series
Supported External Receivers	Futaba S-Bus, S-Bus2, DSM2
Other DJI Products Supported	Z15, H3-2D, iOSD, 2.4G Bluetooth Data Link, and S800 EVO
Hovering Accuracy (GPS Mode)	Vertical: ±1.6' / 0.5 m Horizontal: ±4.9' / 1.5 m
Maximum Wind Resistance	< 26.2 fps (8 m/s) / 17.9 mph (28.8 km/h)
Maximum Yaw Angular Velocity	150 deg/s
Maximum Tilt Angle	35°
Ascent/Descent	±19.7 fps / 6 m/s
Power Requirements	Maximum: 5 W Typical: 0.3 A at 12.5 V
System Requirements	Assistant Software: Windows 8, 7, or XP SP3 -- 32 or 64-bit
Operating Temperature	23 to 140°F / -5 to 60°C
Dimensions	Flight Controller: 2.1 x 1.5 x 0.6" / 54 x 39 x 14.9 mm IMU: 1.6 x 1.2 x 1" / 41.3 x 30.5 x 26.3 mm GPS-Compass Pro: 2.4" (diameter) x 0.6" / 62 mm (diameter) x 14.3 mm

Weight	LED-BTU-I: 1.2 x 1.2 x 0.3" / 30 x 30 x 7.9 mm
Packaging Info	PMU: 39.5mm x 27.6mm x 9.8mm
Box Dimensions (LxWxH)	Overall: 7.9 oz / 224 g
	6.9 x 4.7 x 2.7"

• DJI Zenmuse Z15-GH4 HD 3-Axis Gimbal for Panasonic GH3/GH4

Supported Camera	Panasonic GH4/GH3
Supported Lens	Olympus M.ZUIKO DIGITAL ED 12mm f/2.0 Lens
Control Requirements	Warning! Using other lenses may damage the servo motors At least four spare receiver channels (or use dedicated transmitter for two person operation)
Software Requirements	For Assistant Software: Windows 8, 7, XP SP3 -- 32 or 64-bit
Working Current	Static Current: 200 mA at 25 V Dynamic Current: 400 mA at 25 V Locked-Rotor Current: 4 A at 25 V 10 A at 12 V
GCU BEC Output	GCU Wireless Video Transmission: 1 A at 12 V
Transmit Power	±0.05°
Controlled Angle Accuracy	Pan Axis: ±130°/s Tilt Axis: ±130°/s Roll Axis ±30°/s
Maximum Controlled Rotation Speed	Pan Axis Control: ±360° Tilt Axis Control: +50° / -140° Roll Axis Control: ±40°
Controlled Rotation Range	GCU: 4S to 12 S lithium polymer (6S recommended for S800 EVO and S1000)
Power Requirements	14 to 122°F / -10 to 50°C
Operating Temperature	GCU: 2.5 x 1.4 x 0.8" / 64.2 x 34.1 x 19.5 mm
Dimensions	Gimbal: 2.7 lb / 1.2 kg
Weight	GCU: 2.2 oz / 63 g
Packaging Info	
Box Dimensions (LxWxH)	9.9 x 9.4 x 9.4"