

Especificaciones

General

Nombre del producto	Zenmuse S1
Peso	760±10 g
Dimensiones	125×152×171 mm (largo×ancho×alto)
Potencia nominal	120 W (Matrice 400) 68 W (Matrice 300 RTK/Matrice 350 RTK)
Aeronaves compatibles	Matrice 400 Matrice 350 RTK Matrice 300 RTK (requiere DJI RC Plus)
Clase de seguridad ocular	IEC 62471: Grupo de riesgo 1
Temperatura de la cáscara	<50 °C (122 °F, carcasa de plástico) Medido en un entorno de laboratorio a una temperatura ambiente de 25 °C (77 °F) con el Zenmuse S1 instalado en la aeronave.
Clasificación de protección contra la entrada de polvo y agua	En condiciones de laboratorio controladas, puede alcanzar un grado de protección IP54 según la norma IEC60529. Este grado de protección no es permanente y puede disminuir debido al desgaste del producto.

Ambiente

Temperatura de funcionamiento	-20° a 40° C (-4° a 104° F)
Temperatura de almacenamiento	-20° a 60° C (-4° a 140° F)

Cardán

Sistema de estabilización	3 ejes (inclinación, balanceo, giro)
Rango de vibración angular	Estacionamiento estacionario: ±0,01° Vuelo: ±0,02°
Montaje	DJI SKYPORT desmontable
Gama mecánica	Inclinación: -129° a +73° Balanceo: ±55,8° Panorámica: ±327°

Límite estructural, rango no controlable.

Rango controlable
Tilt: -120° to +60°
Pan: ±320°

Operation Mode
Follow / Free / Re-center

Illuminance

Maximum Central Illuminance
40 lux @ 100 m (Matrice 400, Both On mode)
35 lux @ 100 m (Matrice 300 RTK/Matrice 350 RTK, Both On mode)
Measured in a laboratory environment at an ambient temperature of 25° C (77° F) with the Zenmuse S1 installed on the aircraft.

Low Beam Central Illuminance
20 lux @ 100 m (Matrice 400, Low Beam mode)
13 lux @ 100 m (Matrice 300 RTK/Matrice 350 RTK, Low Beam mode)
Measured in a laboratory environment at an ambient temperature of 25° C (77° F) with the Zenmuse S1 installed on the aircraft.

High Beam Central Illuminance
30 lux @100 m (High Beam mode)
Measured in a laboratory environment at an ambient temperature of 25° C (77° F) with the Zenmuse S1 installed on the aircraft

Effective Illumination Angle
15±1° (10% relative illuminance, Low Beam mode and Both On mode)
4±0.5° (10% relative illuminance, High Beam mode)

Typical Color Temperature
6500K typical value (Low Beam mode)
7500K typical value (High Beam mode)
Measured in a laboratory environment at an ambient temperature of 25° C (77° F) using an integrating sphere. Actual results may vary slightly c
different experimental conditions, and the final effect is subject to actual use.

Dimming Mode
Analog dimming

Effective Illumination Distance
500 m (Both On mode)
Measured in a laboratory environment at an ambient temperature of 25° C (77° F). Actual conditions may vary slightly due to specific environm
humidity, weather conditions, and other factors. The final effect is subject to actual use.

Basic Features

Lighting Control
Turning light on/off, brightness adjustment

Strobe Mode
5 Hz strobe

Lighting Mode
Low Beam mode, High Beam mode, Both On mode

Remote Controller Buttons
Can be set for turning the light on/off, brightness adjustment, or lighting mode changes

Gimbal Synchronization
Supports synchronized control with other gimbal-equipped payloads

Special Features

Eye Protection
Automatically limits brightness to 40% when not in flight

Payload Protection	LED, LEP temperature protection, overcurrent protection, and power protection to prevent damage.
Synchronized Control	When two Zenmuse S1 are mounted on Matrice 400, both spotlights can be controlled at the same time.
Intelligent Beam Alignment	When used with the Zenmuse H30 Series on Matrice 400, Zenmuse S1 employs gimbal synchronization to automatically align the spotlight beam with the camera view.

Product Categories	Where to Buy	Fly Safe	Explorar	Comunidad
Consumer	DJI Online Store	Fly Safe	Sala de prensa	SkyPixel
Professional	Flagship Stores	DJI Flying Tips	Guías de compra	Foro de DJI
Enterprise	DJI-Operated Stores	Support	Educación STEAM	Revelador
Components	Retail Stores	Product Support	Minidrones	Suscribir
Service Plan	Enterprise Retailers	Repair Services	Drones con cámara DJI	Recibe las últimas notici
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DJI Care Refresh	Pro Retailers	Políticas de servicio posventa		
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