



WINGSLAND Z15 GIMBAL SPOTLIGHT



1. The Wingsland Z15 is a bright, 3-axis stabilized gimbal spotlight with high power beads. Powered by DJI SkyPort, it has an operating range of up to 150 m and can be easily integrated onto DJI Matrice 200 Series V1 and V2 drones, lighting the space at night or in lowlight conditions for users in firefighting, emergency response, law enforcement and beyond.



Supports Dual
Downward Gimbals



Intelligent Protection



150 m Max Range



Max Power 48 W

Modes

Switch between Always on, Flashing, and SOS modes for different environments and applications.

Air Cooling System

The built-in air-cooling system prevents the spotlight from overheating by constantly dissipating heat.

Intelligent Protection

The Wingsland Z15 is protected against overheating. The system will automatically adjust when the internal temperature exceeds 90°C.

Supports Dual Downward Gimbals

The Wingsland Z15 can be used with DJI Zenmuse payloads on DJI aircraft that include a dual-downward gimbal, helping to illuminate operations.

APPLICATIONS



Public Safety

Thanks to its high luminance and long operating range, the Wingsland Z15 provides public safety officials crucial visibility in lowlight conditions across many different types of missions, helping teams gain an aerial overview over a large area.

Some applications include:

Firefighting: light up a path to guide the public to a safe place after a fire or a natural disaster.

Emergency Response/Search and Rescue: locate missing persons in hard-to-reach areas when visibility is low.

Law Enforcement: act as a flexible light source for crowd management, forensic investigations, or routine patrols.

Infrastructure/Facility Repair and Maintenance

When power suddenly cuts off or when structures collapse at night, the Wingsland Z15 can be used to light up a large area from the air so that emergency repairs can be conducted in an efficient, timely manner. This will help keep both the public and the personnel safe as well as save costs.

SPECIFICATIONS

General Specifications	
Product Name	WINGSLAND Z15 Gimbal Spotlight
Port Type	DJI SkyPort
Dimensions	100 x 110 x 150 mm
Weight	500 g
Rated Power	48 W
LED Light Beads	
Voltage	6 V
Power	40 W
Luminous Flux	10200 lm
FOV	15°
Operating Range	150 m
Area Coverage	1863 m ² @ 120 m; 323 m ² @ 50 m
Illuminance	4 lux @120m; 11 lux @ 60 m; 47 lux@30 m
Gimbal	
Angular Vibration Range	±0.02°
Mount	Detachable
Controllable Range	Pitch: -90° to +90°, Yaw: ±170°
Max Control Speed	Pitch: 60°/s, Yaw: 60°/s
Temperature Parameters	
Operating Temperature	-10 °C to 50 °C
Storage Temperature	-20 °C to 60 °C

COMPATIBLE PRODUCTS

DJI Matrice 200 Series, Matrice 200 Series V2

DJI PILOT

The Wingsland Z15 can be controlled using the DJI PILOT app. It supports the use of both Wingsland and DJI Zenmuse payloads on the models that include a dual-downward gimbal, including the M210, M210 V2, M210 RTK, and M210 RTK V2.

ABOUT DJI SKYPORT

Bring your tools to the sky using DJI's Payload SDK. Integrate any payload – sensors, robotic components and more – with DJI's leading industrial drone platforms to bring your business to new markets.

ABOUT SHENZHEN BOOY

SHENZHEN BOOY Technology Co., Ltd is an UAV developer founded in Shenzhen. Committed to providing customers with the most secure and reliable integrated UAV solutions, BOOY Technology continues to innovate and improve the safety and stability of its products while striving to enhance usability.

ORDER THE WINGSLAND Z15 TODAY

The Wingsland Z15 is available for order through official DJI Dealers. For more information, please visit our website at

<https://www.dji.com/products/enterprise#payloads>

Or contact enterprise@dji.com for more information.

ABOUT DJI ENTERPRISE

DJI Enterprise is a global team dedicated to developing world class drone solutions for a new generation of work. These solutions help businesses across the agricultural, infrastructure, public safety sectors and more to empower workers, enhance jobs and digitize operations.

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