

Gimbal Searchlight GL10 V2

Light spot auto centering, Green Laser Indication

GL10 V2 Gimbal Searchlight features a lightweight design with a rated power of 30W, emitting a sharp 14° beam with an effective search range of up to 100 meters. It effectively meets the demands of small drones for nighttime patrols, orientation indication, and search and rescue operations. Integrated with AI algorithms, the GL10 V2 offers intelligent functionality, allowing the light beam to automatically center and adjust its direction according to the angle. The GL10 V2 is also equipped with high-brightness red, blue, and yellow warning light for effective law enforcement identification and deterrence of potential targets. Compared to the previous generation, the GL10 V2 offers increased brightness, expanded illumination area, reduced weight, and improved endurance. It seamlessly pairs with the DJI Mavic 3 Enterprise drones, unlocking greater possibilities for drone applications.



Product Advantages

130
g

lightweight

30
W

LED power
for white light

100
m

Effective
search distance



Green laser

Full Metal Body

- Magnesium + Aluminum Alloy Body
- Weight < 130g
- Pitch Adjustment: -100° to +60°

Intelligent integration

- AI algorithm intelligent technique
- Built-in green laser
- Built-in red/blue/yellow warning light

LED linear light-adjust

- Rated power 30W
- Irradiation angle 14°
- Effective search distance 100m

Fast installation

- Compatible with DJI Mavic 3 Enterprise drones
- Integration with a lightweight
- Unique quick release design

Technical Parameters

Model	GL10 V2		
Electrical interface	DJI PSDK		
Weight	≤130g		
Dimensions	68*140*55mm		
Total Power	36W		
LED Power for White light	30W		
LED Power for Red/Blue/Yellow	2W		
Supply voltage	15V		
Luminous flux	3200lm±3%		
FOV	14°		
Search distance	100m	75m	50m
Diameter of light spot	24m	18m	12m
Search area	422.5m ²	237.6m ²	105.6m ²
Center illumination	6.4Lux	11.5Lux	26.3Lux
Basic function	White light used for nighttime illumination Red/blue/yellow warning light Green laser direction guidance Gimbal AI algorithm for automatic adjustment		
Controlled rotation range of the gimbal	Pitch -100°~+60°		
Working temperature	-20°C~+50°C		