

LP12 Searchlight & Broadcasting System

LP12 is a searchlight and broadcasting integrated payload designed specifically for the DJI M30 enterprise drone model. With its streamline design, it pushes the limits of product performance while taking characterized appearance into account, and effectively reduces wind resistance and improves the duration of flight.

LP12 is the most efficient lighting and broadcasting payload product so far, combining the imaging optics of the Gimbal Light Series, with the LRAD long distance broadcasting technology of the Mega Phone Series, extremely light weight and small size. Weighing only 288g, it has an effective illumination distance up to 100m and an effective broadcasting distance of 200m, which can meet the operational needs of security patrols and outdoor search and rescue scenarios. The LP12 is deeply integrated with the DJI Pilot APP, allowing quick access to all broadcast and light functions, making it more convenient to operate.



Product Advantages



Integration of sound and light



lightweight design



Effective illumination distance



Effective sound distance

One devices two functions Small and powerful

- Broadcasting and lighting two-in-one design
- Weigh only 288g
- Lightweight
- long duration of flight

Excellent sound and light effects

- LRAD Sound Technology & Optical Imaging
- 122dB Ultra-high sound pressure
- Effective illumination distance up to 100m
- Effective sound distance up to 200m

Bionic Aesthetic Appearance and Excellent Technique

- Unique appearance with morning glory petal design
- Perfect integration of industrial design and production technique

Quick mount and dismount for easy use

- Unique assembly and disassembly design
- PSDK Perfectly adapted to M30

Technical Parameters

Model	LP12			
Electrical interface	DJI PSDK			
Weight	288g(without quick-mount fixture); 300g(with quick-mount fixture)			
Dimensions	156*109*84mm			
Searchlight power	Regular mode:30W Ultra bright mode&Flashing mode:40W			
Speaker power	15W			
Power supply voltage	24V			
Luminous flux	2122lm±3%			
Searchlight FOV	13°			
Illumination distance	150m	130m	100m	50m
Spot diameter	34m	29.6m	22.8m	11.4m
Illuminated area	917m ²	688m ²	407m ²	102m ²
Central illuminance	1.7Lux	2.5Lux	6.3Lux	25Lux
	(Air humidity 95%)			
Gimbal movement range	Pitch	-120°~+45°		
Maximum sound pressure	122dB			
Effective broadcasting/m	200m@76db; 350m@69db			
Broadcasting method	Live broadcasting Upload the recording files Play audio file Text To Speech (supports multi-language) Background sound			
Audio formats	mp3/wav/m4a/flac/aac			
App support	DJI Pilot / DJI Pilot 2			
Operating temperature	-20°C~+50°C			