

LP35 Searchlight Broadcasting System

LP35 Searchlight and broadcasting system, rated power up to 60W, can be adapted to DJI M300 / M350RTK drone through the OSDK interface. LP35 can emit a sharp beam of 13° with uniform brightness, with an irradiation height of 150m, a central illumination of 6.3 lux and an effective searchlight area of 917 square meters. The loudspeaker has strong sound penetration, the highest sound pressure can reach 124dB, the effective broadcasting distance is 400 meters, and it supports live broadcasting, TTS and other functions, which is convenient and fast to operate. The built-in red and blue warning light can effectively improve the recognition of police drones, and at the same time, they can synchronize with the gimbal camera to perfectly cooperate with the camera operation.



Product Advantages



Sound and light three-in-one



Red & blue warning light



Effective search distance



Effective sound distance

Versatile Functionality

- Warning light, lighting, broadcasting three-in-one
- A weight of only 550g

Easy to disassemble and assemble

- Compatible with M300 / M350 RTK
- Unique assembly and disassembly design

Intelligent linkage

- Can be used in conjunction with a gimbal camera
- The searchlight can synchronize with the gimbal camera

Excellent sound and light

- 126dB peak sound pressure
- The effective searchlight distance of 150m
- The effective broadcast distance of 400m

Technical Parameters

Model	LP35		
Electrical interface	DJI OSDK		
Weight	<550g		
size	235*220*85mm		
Total power	96W		
Searchlight LED power	60W		
Searchlight Luminous flux	6000lm±3%		
Searchlight FOV	13°		
Search distance	150m	100m	50m
Spot diameter	34m	22.8m	11.4m
Search area	917m ²	407m ²	102m ²
Central illuminance	6.3Lux	14.4Lux	57Lux
Range of rotation of the gimbal	Pitch -55°~+65° Horizontal ±35° Roll ±25°		
Warning light mode	Red and blue, Red, Blue		
Visual distance of warning light	200m		
Broadcasting sound pressure	126dB@1m		
Maximum power of Broadcasting	30W		
Effective broadcasting distance	400m		
Broadcasting method	Live broadcasting		
	Recording upload		
	Audio file playback (audio format MP3)		
	Text converted to voice playback (supports textrecording)		
Bluetooth Protocol	Bluetooth v4.2 BR&EDR and LowEnergy		
Bluetooth operating frequency band	2400-2483.5MHz		
Drone platform support	Matrice 300/350 RTK		
APP support	our Pilot、DJI Pilot、our Audio(Android)、our Assistant(PC)		
Operating temperature	-20°C~+50°C		