

3D/3TD Searchlight and Broadcasting System

Model NO.: LP20

Multi-functional 4-in-1

LP20 is a versatile 4-in-1 payload that combines a searchlight, loudspeaker, warning light, and sound pickup functionality. It is compatible with DJI Matrice 3D and DJI Matrice 3TD drones and is specifically designed for the DJI Dock 2. With exceptional performance and outstanding protection capabilities, the LP20 pushes the limits of functionality while maintaining an artistic design, offering more possibilities for industry applications.



Product Advantages



Multi-functional
4-in-1



Red, blue, and
yellow warning light



Effective search
distance



Effective
broadcasting distance

Versatile functionality

- Searchlight, broadcasting, warning light, sound pickup 4 in 1
- Weigh only 200g
- Designed for DJI Dock 2

Excellent protection

- The shielding cover provides electromagnetic protection
- The sound-permeable membrane ensures waterproofing
- The heat sink offers temperature protection

Intelligent Adjustment

- Pitch follows camera centering
- Temperature and power adaptive regulation
- Long-distance sound pickup feedback

Excellent sound and light

- Effective searching distance 100m
- Effective broadcasting distance 300m
- Effective warning light distance 1000m

Technical Parameters

Model	LP20
Size	127*147*78mm
Weight	<200g
Total Power	<50W
Sound Pressure	120dB@1m
Effective broadcasting distance	>300m
Searchlight	FOV 14°
Center Illuminance	35lux@50m, 15lux@75m, 9lux@100m
Software Support	Flighthub 2, Pilot 2, czi Assistant
Broadcasting Mode	Recorded playback, multi-national TTS, file play
Warning light mode	Red-blue, blue-blue Red-red, yellow-yellow
Other Functions	Sound pickup feedback
Protection Rating	IP54
Working Temperature	-20°C ~+50°C