



JZ_T90 MATRIX LAMP



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JZ_T90 matrix lamp, Four groups of LED lighting combinations are adopted, with luminous flux up to 20000 lumens, effective lighting distance of more than 150m and maximum lighting area of more than 1400m². The integrated laser indication function displays the light path, which is convenient to adjust the lighting direction and indicate the orientation. Equipped with three-axis gimbal, 360° light control, support the linkage of light camera and double gimbal, support brightness adjustment, strong light explosion and flash and other modes. Self regulating cooling fan, efficient heat dissipation, IP45 waterproof and dustproof, not afraid of rain and guarding the light.

2W Lume

Light flow

1400m²

Lighting area

Triaxial

Stabilized gimbal

150m

Lighting distance

- Illumination mode

Dual PWM dimming increases instantaneous power output while reducing average power consumption. Support brightness adjustment, strong light flash and other modes, using DJI Pilot APP one-click switching, to meet the lighting needs of various environments.

- Laser indication

Equipped with a wavelength of 520nm green laser, the effective distance is greater than 1000m, displaying the optical path and indicating the direction.

- Three-axis gimbal

The three-axis PTZ is stabilized 360° to control the light direction, providing free angle illumination, and can also achieve dual gimbal linkage with The Zenmuse series gimbal cameras, and the camera light automatically follows.

- Variable heat dissipation

The high-speed cooling fan adjusts the speed according to the real-time load temperature to achieve efficient heat dissipation.

FIELDS OF APPLICATION



firefighting:The T90 has a large light area and luminous flux to help firefighters reconnoiter the scene in the dark environment, support fire fighting and rescue operations, and provide enough light for the evacuated crowd.

Emergency rescue: Powerful and stable lighting is a key factor in the smooth development of emergency rescue operations at night, and T90 can provide multiple modes of flight lighting for the development and development of rescue plans.

public security: Provides a flexible control of lighting sources for law enforcement personnel to perform tasks such as investigation and evidence collection, urban patrols, and the pursuit of fugitives, while strong light bursts can play a warning and deterrent effect.

Passage inspection : Provide large-range, movable, multi-angle aerial illumination for night troubleshooting and emergency repair of power lines or oil pipeline failures, greatly improving the efficiency of emergency repair and reducing losses.

TECHNICAL PARAMETER

Population parameters			
Product model	JZ_T90		
electrical interface	DJI SkyPort V2		
size	126 x 123.2 x 142.8 mm		
weight	470 g		
degree protection	IP4X		
supported models	Matrice 300 RTK、Matrice 200 V2		
most power	120 W		
illuminating			
lighting mode	Matrix lamp		
lighting angle	17°		
lighting distance	50m	100m	150m
lighting area	150m²	620m²	1400m²
central illuminance	86Lu	25Lu	12Lu
Laser distance	1000m		
Gimbal			
stable system	Triaxial (pitch, roll, yaw)		
angular jitter	±0.01°		
nstallation mode	DJI SKYPORT quick disassembly		
Gimbal controllable range	pitch: -100° 至+85° yaw: ±145°		
Ambient temperature			
working temperature	-10 °C – 50 °C		

SUPPORTED MODELS

M200 V2 M300 RTK

DJI PILOT

The T90 is seamlessly compatible with DJI Pilot. Use DJI Pilot to control drones and T70s without the need for third-party apps to ensure flight safety.

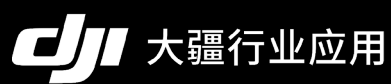
ABOUT DJI SKYPORT

The DJI SkyPort adapter provides a standard interface for the development of the Payload SDK, allowing developers to integrate third-party devices such as sensors and mechanical devices into DJI's advanced flight platform, realize software and hardware integration control, enrich flight operation functions, and expand drone applications to a wider field.

ABOUT EXTREME TECHNOLOGY

www.jzdrone.com

Guangzhou Jizhi Technology Co., Ltd., adhering to the concept of DJI's dedication, pursues the ultimate, continuously innovates, creates the world's leading UAV solution products, develops refined UAV industry applications, and is committed to solving the pain points of industry users in various practical scenarios. Focus on R&D, production and manufacturing of DJI UAV loads and surrounding supports. The team members are from DJI's R&D and marketing departments, and have many years of R&D and practical experience in the drone industry.



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