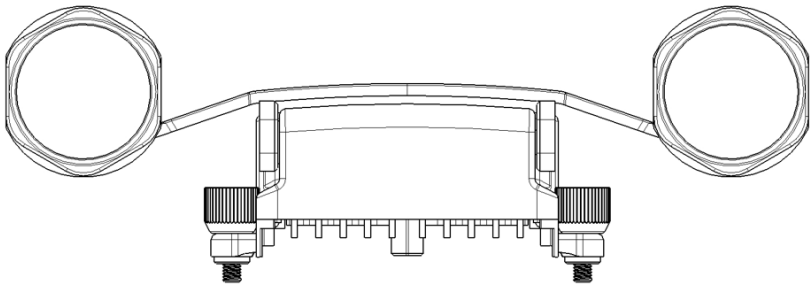


JZ_T30 MATRIX LAMP

Manual V1.0

2023.01



Warnings

Precautions for use

1. Do not look directly at the spotlight.
- 2 Do not block the heat sink or deform its structure.
3. Do not revolve the gimble of T30 with external forces.
- 4 .Do not touch the main body of the lamp cap with bare hands while working.
5. Please try to avoid using the equipment continuously for a long time in extreme environments to maintain its service life.
6. This product is a high-power device with high energy consumption and severe heat generation. Please pay attention to safety when using it.
7. Please put the equipment into safety box after use to avoid damage caused by scratching or collision by hard objects.
8. When cleaning the surface of the lamp, be sure to wipe it with a soft cleaning cloth.
9. Do not interfere with the stability and calibration of the gimbal with external forces.

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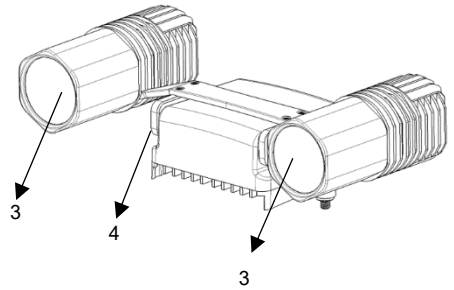
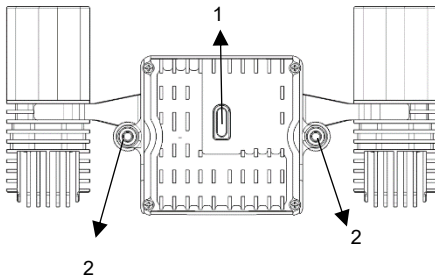
Product Overview

Profile

JZ_T30 searchlight, 30W lighting power, weighs only 110g, 14 degree spotlight angel, the lighting brightness at 50 meters exceeds 24lux. It is equipped with a single-axis stabilized gimbal, supports camera linkage,DJI Pilot 2 control, adapts to DJI Mavic 3E and Mavic 3T.

Part Name

1. DJI SDK interface
To connect Mavic 3/Mavic 3T series interface
2. Quick assembly screw
To help mounting the payload
3. Lamp caps group
Provide remote lighting and search
4. Gimbal
0 to -90°pitch, support dual gimbal linkage

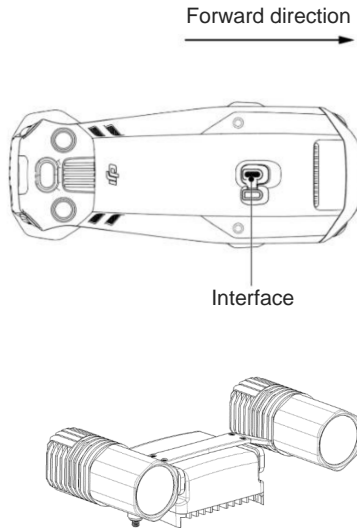


Installation and startup

Support aircraft

- 1.Support aircraft: Mavic 3E/Mavic 3T.
- 2.Please upgrade your drone to the latest firmware.
- 3.Please ensure that the drone is in normal condition before use.

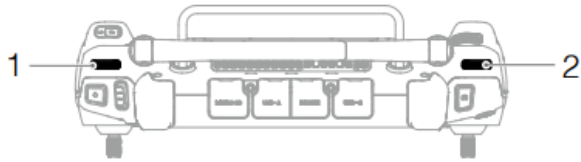
Mounting



Mount to drone

1. Connect the payload SDK interface into the drone PSDK interface, and lock the load bracket screw in to the drone screw hole to ensure locking.
2. The above operations are performed when the drone is shut down. Start the remote control first, and then start the drone.

Gimbal controlling



1. Left clickwheel

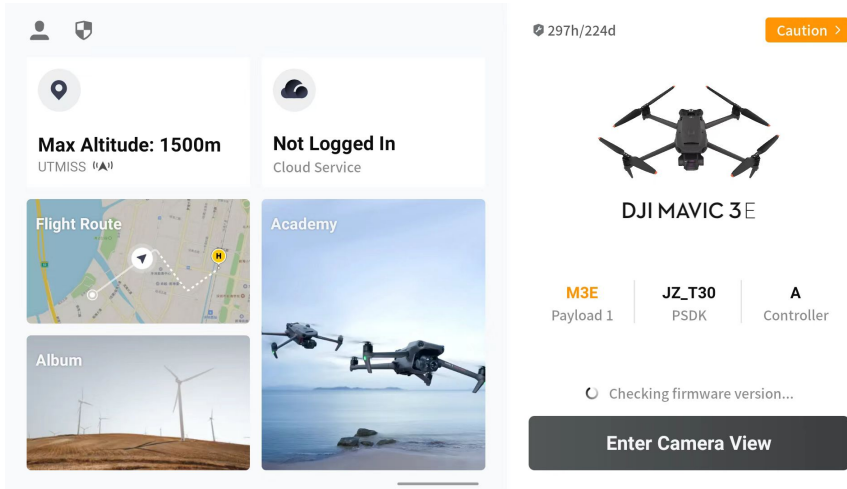
To control T30 gimbal pitching

2. Right clickwheel

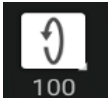
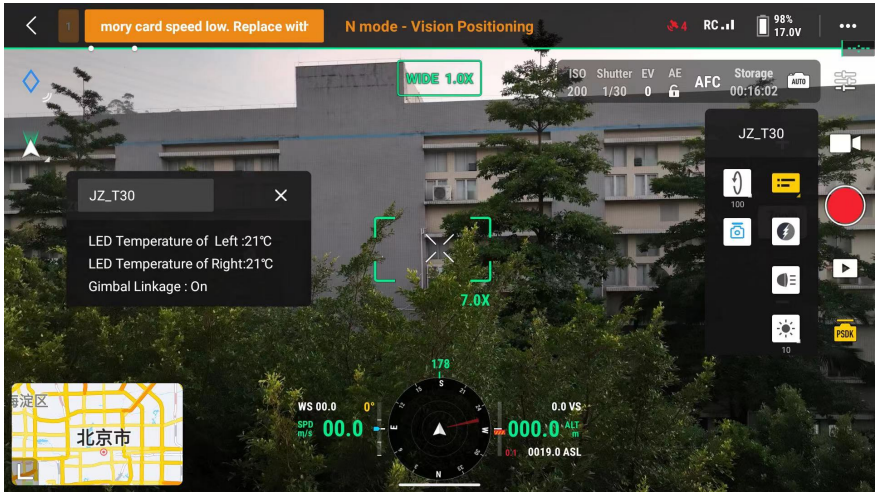
DJI PILOT controlling

Connect DJI Pilot APP

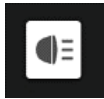
1. Turn on drone and remote controller.
2. After successful connection, DJI PILOT displays payload name JZ_ T30.



Menu



Gimbal control



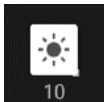
LED Control



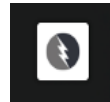
Display real time data



Dual gimbal linkage
(open by default)

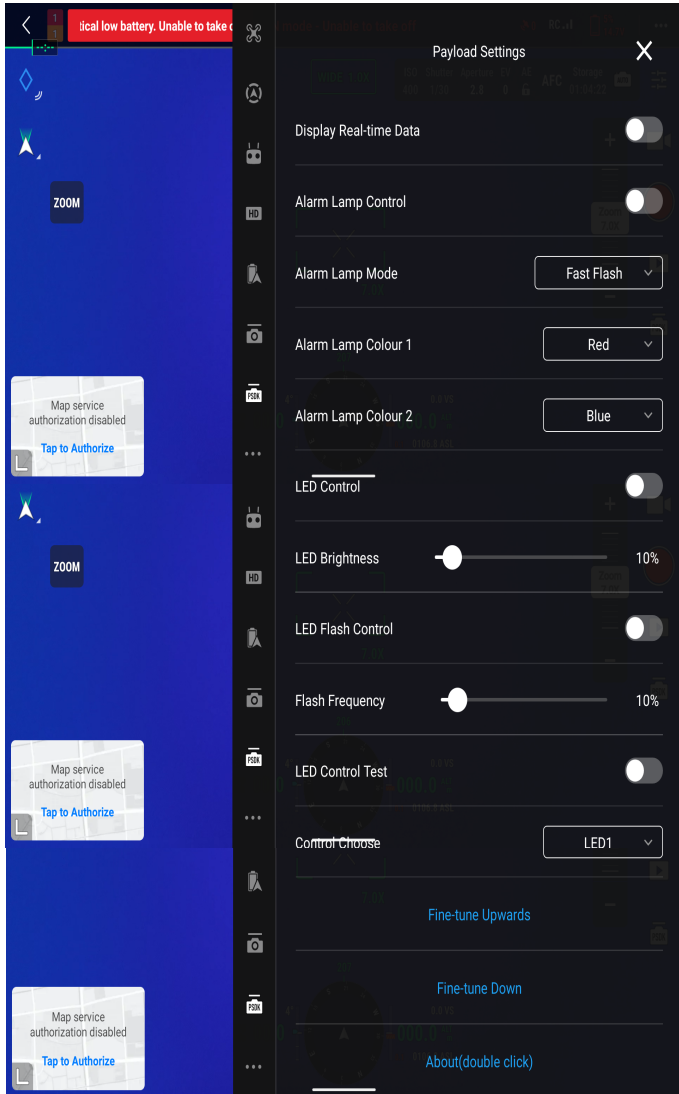


LED Brightness



Alarm Lamp Control

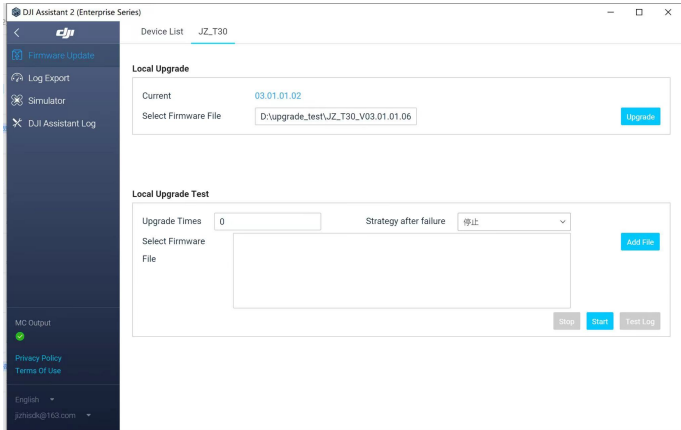
Payload Settings



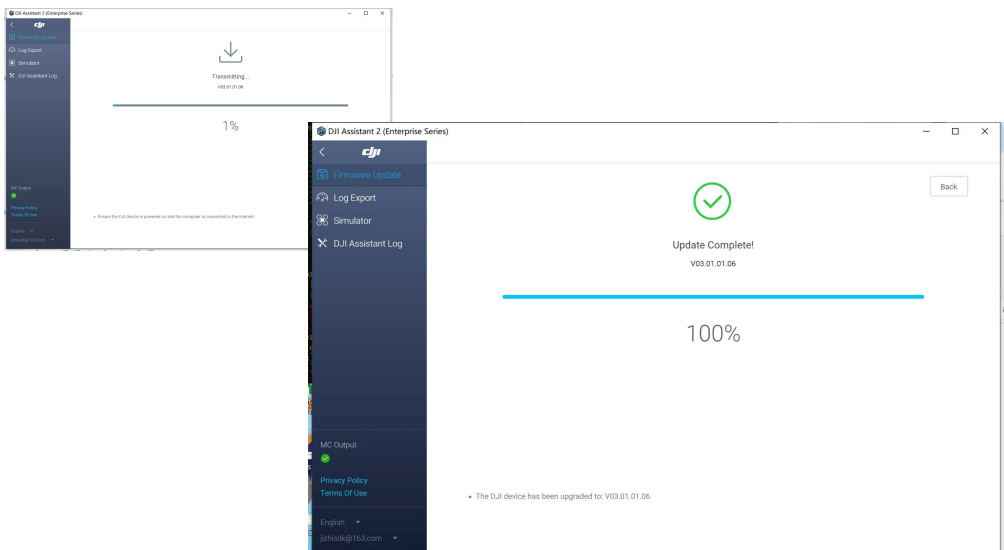
Fine-tune Upwards/Down use for lights not centered

Upgrade

1. T30 supports Mavic 3/Mavic 3T online upgrades.
2. Download DJI Assistant 2 parameter adjustment software to PC before upgrade. Connecting M3T/M3E with PC.
Download link: <https://www.dji.com/cn/matrice-30/downloads>
3. Select the firmware that needs to be upgraded.



4. Wait until update complete



Caution

1. During installation, place gimbal in the correct direction before connecting.
2. DJI pilot apps may display abnormal occasionally ,which can be solved by restarting the software;
- 3、 It is normal for gimbal to oscillate slightly, and it will return to normal after power on for a period of time or posture synchronization.
- 4、 When the gimbal shaft has high-frequency abnormal noise or vibration, and device getting overheat, stop using it. Contact your dealer for service.