DJI MATRICE 3D SERIES

User Guide
使用說明
ユーザーガイド
사용자 가이드
Handbuch
Guía de usuario
Guide de l'utilisateur
Guida per l'utente
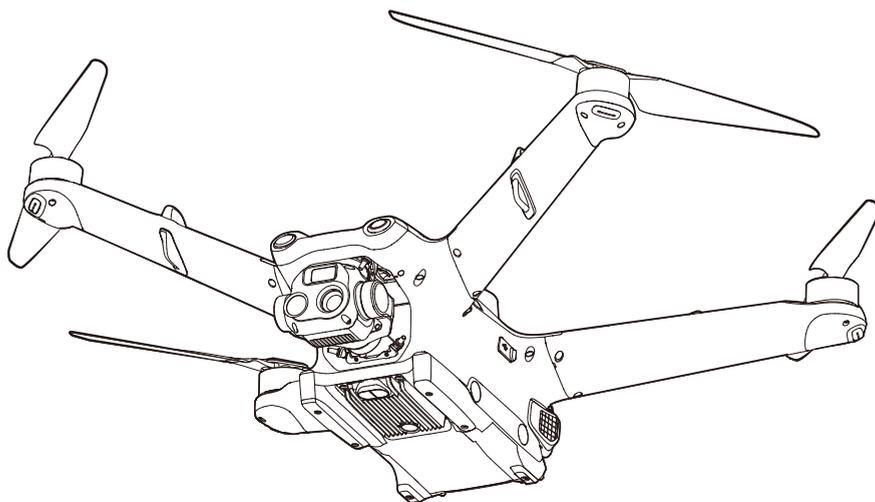Gebruiksaanwijzing
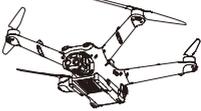Manual do utilizador
Guia do usuário
Руководство пользователя

v1.0

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Aircraft [1]
with microSD card inserted

飛行器 [1]
內建 microSD 卡

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microSD 카드 삽입됨

Fluggerät [1]
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Aeronave [1]
com cartão MicroSD inserido

Aeronave [1]
com cartão microSD inserido

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CW Propellers (Pair)

CW 螺旋槳（對）

CWプロペラ（1組）

CW 프로펠러 (1쌍)

CW Propeller (Paar)

Hélices con giro en sentido horario (par)

Hélices CW (paire)

Eliche senso orario (coppia)

CW-propellers (paar)

Hélices para a direita (Par)

Hélices CW (par)

Пропеллеры по часовой стрелке (пара)

CCW Propellers (Pair)

CCW 螺旋槳（對）

CCWプロペラ（1組）

CCW 프로펠러 (1쌍)

CCW Propeller (Paar)

Hélices con giro en sentido antihorario (par)

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Tornillos y arandelas

Vis et Rondelles

Viti e rondelle

Schroeven en sluitringen

Parafusos e anilhas

Parafusos e arruelas

Винты и шайбы

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[1] DJI Matrice 3D and DJI Matrice 3TD are equipped with different cameras. Refer to the actual product purchased. This guide uses the Matrice 3TD aircraft as an example. When the aircraft and the dock are purchased together, the aircraft and the battery are packaged and delivered separately. When purchasing the aircraft separately, it does not come with an Intelligent Flight Battery.

DJI Matrice 3D 和 DJI Matrice 3TD 搭载的相机不同，请以实际购买产品为准。本文皆以 Matrice 3TD 飞行器进行示范。以套装形式购买飞行器与 Dock 时，飞行器和电池均单独包装、单独出货。单独购买飞行器时不含电池。

DJI Matrice 3DとDJI Matrice 3TDにはそれぞれ異なるカメラが搭載されています。実際に購入された製品を参照してください。本ガイドでは、Matrice 3TDの機体を例として使用しています。機体とドックを一緒にご購入された場合、機体とバッテリーは別々に梱包・配送されます。機体を単品でご購入の場合、インテリジェント フライトバッテリーは付属しません。

DJI Matrice 3D와 DJI Matrice 3TD에는 다른 카메라가 장착되어 있습니다. 실제 구매한 제품을 참조하십시오. 이 가이드에서는 Matrice 3TD 기체를 예시로 사용합니다. 기체와 Dock를 함께 구매한 경우 기체와 배터리는 별도로 포장되어 배송됩니다. 기체를 별도로 구매한 경우 인텔리전트 플라이트 배터리는 함께 제공되지 않습니다.

Die DJI Matrice 3D und DJI Matrice 3TD sind mit verschiedenen Kameras ausgestattet. Bitte beachten Sie das tatsächlich gekaufte Produkt. In diesem Leitfaden dient das Matrice 3TD Fluggerät als Beispiel. Beim gemeinsamen Erwerb von Fluggerät und Dock werden das Fluggerät und der Akku getrennt verpackt und geliefert. Wird hingegen das Fluggerät separat erworben, ist keine Intelligent Flight Battery im Lieferumfang enthalten.

El DJI Matrice 3D y el DJI Matrice 3TD están equipados con cámaras diferentes. Consulte el producto que ha adquirido. En esta guía se utiliza como ejemplo la aeronave Matrice 3TD. Cuando la aeronave y el Dock se compran conjuntamente, la aeronave y la batería se empaquetan y se entregan por separado. Si la aeronave se compra por separado, no incluye una batería de vuelo inteligente.

DJI Matrice 3D et DJI Matrice 3TD sont équipés d'appareils photo différents. Référez-vous au produit acheté. Ce guide se sert de l'appareil Matrice 3TD comme exemple. Si l'appareil et le dock sont achetés ensemble, l'appareil et la batterie sont emballés et livrés séparément. Si l'appareil est acheté séparément, il n'est pas livré avec une Batterie de Vol Intelligente.

DJI Matrice 3D e DJI Matrice 3TD sono dotati di fotocamere differenti. Fare riferimento al prodotto acquistato. La presente guida utilizza l'aeromobile Matrice 3TD come esempio. In caso di acquisto congiunto dell'aeromobile e del dock, l'aeromobile e la batteria vengono imballati e consegnati separatamente. Se si acquista l'aeromobile separatamente, la batteria di volo intelligente non è inclusa.

DJI Matrice 3D en DJI Matrice 3TD zijn uitgerust met verschillende camera's. Raadpleeg het daadwerkelijk gekochte product. In deze handleiding wordt de Matrice 3TD-drone als voorbeeld gebruikt. Wanneer de drone en het dock samen worden aangeschaft, worden de drone en de batterij afzonderlijk verpakt en geleverd. Als u de drone afzonderlijk aanschaft, wordt deze niet geleverd met een Intelligente vliegbatterij.

O DJI Matrice 3D e o DJI Matrice 3TD estão equipados com câmaras diferentes. Consulte o produto adquirido. Este guia utiliza a aeronave Matrice 3TD como exemplo. Quando a aeronave e a estação são compradas em conjunto, a aeronave e a bateria são embaladas e entregues separadamente. Ao comprar a aeronave separadamente, esta não é fornecida com uma Bateria de voo inteligente.

O DJI Matrice 3D e o DJI Matrice 3TD estão equipados com câmeras diferentes. Consulte o produto adquirido. Este guia tem como exemplo a aeronave Matrice 3TD. Quando a aeronave e o Dock são comprados juntas, a aeronave e a bateria são embaladas e entregues separadamente. Ao comprar a aeronave separadamente, ela não será fornecida com uma Bateria de Voo Inteligente.

DJI Matrice 3D и DJI Matrice 3TD оборудованы разными камерами. Обратитесь к приобретенному вами продукту. В данном руководстве дрон Matrice 3TD используется в качестве примера. Если дрон и док-станция приобретаются одновременно, дрон и аккумулятор упаковываются и доставляются отдельно. Если дрон приобретается отдельно, в комплект не включается аккумулятор Intelligent Flight Battery.

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Disclaimer and Warning

By using this product, you signify that you have read, understand, and accept the terms and conditions of the guidelines and all instructions at https://enterprise.dji.com/dock-2.

EXCEPT AS EXPRESSLY PROVIDED IN AFTER-SALES SERVICE POLICIES AVAILABLE AT HTTPS://WWW.DJI.COM/SERVICE/POLICY, THE PRODUCT AND ALL MATERIALS AND CONTENT AVAILABLE THROUGH THE PRODUCT ARE PROVIDED "AS IS" AND ON "AS AVAILABLE BASIS" WITHOUT WARRANTY OR CONDITION OF ANY KIND. This product is not intended for children.
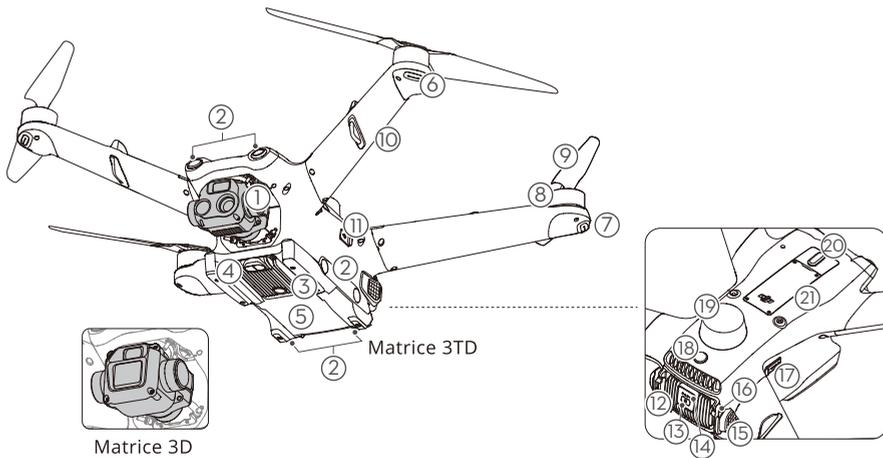
Introduction

DJI Matrice 3D Series features both an infrared sensing system and a six-directional vision system, and comes with a high-performance multi-camera payload. The RTK module facilitates centimeter-level positioning, meeting the needs of high-precision operations and improving flight safety. The aircraft has a protection rating of IP54 (IEC 60529).

The aircraft can be used with DJI Dock 2. Together with DJI FLIGHTHUB™ 2, automated operations can be achieved and real-time camera views can be obtained, meeting the needs for different scenes such as security, patrol inspection, and mapping.
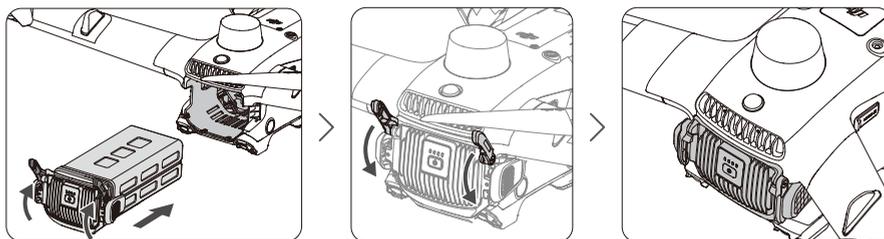
Overview

Matrice 3TD

Matrice 3D

1. Gimbal and Camera
2. Vision System
3. Auxiliary Light
4. Infrared Sensing System
5. Internal Charging Module
6. Front LEDs
7. Aircraft Status Indicators
8. Motors
9. Propellers

10. Frame Arms
    (incl. Internal Antennas)
11. USB-C Assistant Port
    (E-Port Lite)
12. Intelligent Flight Battery
13. Power Button
14. Battery Level LEDs
15. Battery Buckle
16. Battery Locking Arm

17. microSD Card Slot
18. Beacon
19. GNSS/RTK Antenna
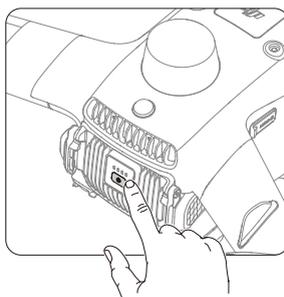20. E-Port
21. Dongle Compartment

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Preparing the Aircraft

⚠ · Make sure the propellers are securely mounted and not damaged or deformed and that there are no foreign matter in or on the motors or propellers.
· Make sure the lenses of the vision system, gimbal cameras, the glass of the infrared sensors, and the auxiliary lights are clean and not blocked in any way.
· Make sure the covers of the microSD card slot, the USB-C assistant port (E-Port Lite), and the E-Port are firmly closed.

1. **Inserting the Battery:** Open the battery locking arm and insert the Intelligent Flight Battery into the battery compartment of the aircraft until a click is heard. Close the battery locking arm until the orange mark completely disappears, which indicates the battery locking arm is in the lock position.

2. **Powering On/Off:** Press, then press and hold.

   Checking the Battery Level: Press once.

⚠ · To remove the battery, open the battery locking arms, then press the battery buckles and remove the battery.
· When transporting an unpacked dock, make sure to remove the aircraft from the dock for separate transportation.
· If the battery level is too low, charge the aircraft battery by placing the aircraft on the dock or using a charging kit (sold separately).

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Linking and Activation

DJI Matrice 3D Series aircrafts should be linked with DJI Dock 2 for automated flight operations. Power on DJI RC Pro Enterprise, run DJI PILOT™ 2, and follow the instructions to complete linking, activation and dock configuration.

The DJI RC Pro Enterprise remote controller can also be linked to the aircraft and used as controller B for manual control. During on-site flight tests, controller B can take control and manually control the flight. Refer to the DJI Dock 2 Quick Installation Guide for the linking process.

- The aircraft requires activation before first time use. An internet connection is required for the remote controller during activation.

Usage

Scan the QR code or go to the address to watch the tutorial videos and read the related manuals such as the Safety Guidelines, User Manual, and Installation and Setup Manual. Make sure to understand the safety precautions and learn more about aircraft information.

https://enterprise.dji.com/dock-2/**video**   https://enterprise.dji.com/dock-2/**downloads**

Specifications

Model	M3D/M3TD
Operating Temperature	-20° to 45° C (-4° to 113° F)
Video Transmission System	O3 Enterprise
Operating Frequency [1]	2.4000-2.4835 GHz 5.150-5.250 GHz (CE: 5.170-5.250 GHz) 5.725-5.850 GHz
Transmitter Power (EIRP)	2.4 GHz: <33 dBm (FCC), <20 dBm (CE/SRRC/MIC) 5.1 GHz: <23 dBm (CE) 5.8 GHz: <33 dBm (FCC/SRRC), <14 dBm (CE)
Max Transmission Distance	15 km (FCC), 8 km (CE/SRRC/MIC)

[1] In some countries and regions, the 5.1GHz and 5.8GHz frequency bands are prohibited, or the 5.1GHz frequency band is only allowed for indoor use. Please refer to local laws and regulations for more information.