

DJI MATRICE 3D



Redefining Precision and Performance in Industrial Drone Applications

DJI Matrice 3D

Wide-Angle Camera

- 4/3 CMOS
- 24mm Format Equivalent
- 20MP Effective Pixels
- Mechanical Shutter

Tele Camera

- 1/2-inch CMOS
-
- 162mm Format Equivalent
- 12MP Effective Pixels





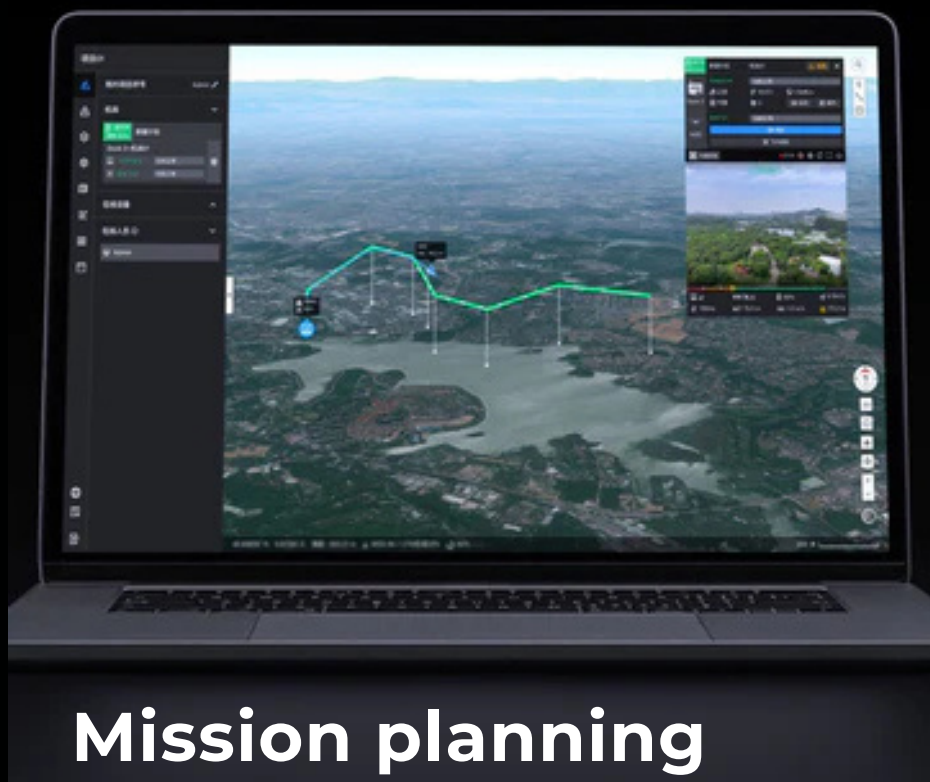
Smooth Flight



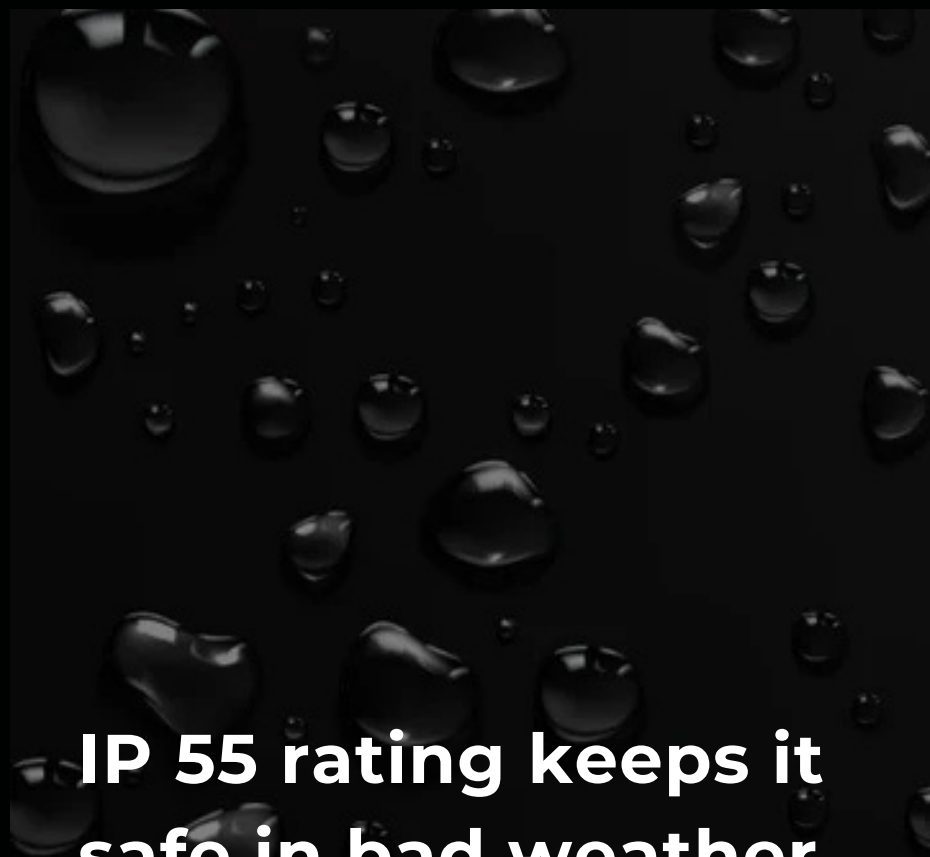
Manually flight capabilities



50 minute flight time



Mission planning through FlightHub 2



IP 55 rating keeps it safe in bad weather



Built in RTK for cm level accuracy

Product

Usage Instructions

Preparing the Aircraft

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, indicating the arm is locked.

2. Powering On/Off: Press the power button once to power on. Press and hold to power off. To check the battery level, press the power button once.



Product

Specifications

- Model: DJI Matrice 3TD
- Camera: Different cameras available (refer to actual product purchased)
- Propellers: CCW Propellers (Pair) Features: Vision System, Auxiliary Light, Infrared Sensing System, Internal Charging Module, Front LEDs, Aircraft Status Indicators, Motors, Frame Arms with Internal Antennas, USB-C Assistant Port, Intelligent Flight Battery (sold separately), microSD Card Slot, Beacon, GNSS/RTK Antenna, E-Port, Dongle Compartment.



In the Box

- Aircraft x1
- CW Propellers (Pair) CCW x1
- Propellers (Pair) x1
- Screws and Washers x1



High-Performance

Aircraft Models

The all-new DJI Matrice 3D/3TD is specifically designed for DJI Dock 2. Matrice 3D is equipped with both a tele camera and a wide-angle camera with a mechanical shutter, meeting the needs for 1:500 high-precision mapping tasks. Matrice 3TD, outfitted with a wide-angle camera, a tele camera, and an infrared camera, can depict both visible light and thermal images, making it suitable for security and inspection operations.



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DJI Matrice 3TD

Wide-Angle Camera

- 1/1.32-inch CMOS
- 24mm Format Equivalent
- 48MP Effective Pixels

Tele Camera

- 1/2-inch CMOS
- 162mm Format Equivalent
- 12MP Effective Pixels

Infrared Camera

- 40mm Format Equivalent
- Normal Mode: 640×512@30fps
- UHR Infrared Image Mode: 1280×1024@30fps
- (With the UHR Infrared Image function enabled, the aircraft automatically enables or disables UHR Infrared Image mode according to the ambient light brightness.)
- 28x Digital Zoom

Hobi.Tech



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