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DJI MATRICE 4D SERIES

Rise to Any Challenge





The all-new DJI Matrice 4D and 4TD can pair with DJI RC Plus 2 Enterprise for manual flight and standalone operation. When integrated with DJI Dock 3, they also support remote, automated operations. The Matrice 4D Series features extended flight endurance, IP55-rated dust and water resistance, and is the first DJI drone series to introduce airborne relay functionality. Both drones are equipped with a wide-angle camera, a medium tele camera, a tele camera, and a Laser Range Finder.

Matrice 4D is equipped with a mechanical shutter, highly effective for professional high-precision mapping and detailed surface inspections. **Matrice 4TD** is equipped with an infrared thermal camera and a new NIR auxiliary light, making it suitable for a wide range of applications, such as infrastructure inspections, emergency response, and public safety.

IP55

IP55 Dust and Water Resistance

- Operates from -20°C to 50°C (-4° to 122° F).
- Low-noise and anti-ice propellers.



54-Min Forward Flight Time

- Significantly boosts work efficiency.
- Confident operation over long distances.



Airborne Relay

- Ensures smooth video transmission without a 4G signal or in obstructed conditions.
- Significantly extends the transmission range, making it ideal for a wide range of scenarios, including SAR tasks and inspections.



Obstacle Sensing Module

- Combines rotating LiDAR and millimeter-wave radar technologies.
- Achieves precise 12mm wire-level obstacle avoidance at speeds up to 15 m/s.
- Enhances positioning in low-light conditions.



Intelligent Operation

- Detects and counts vehicles and vessels using RGB and infrared thermal cameras.
- Supports AR projection of maps and the Return-to-Home (RTH) route.
- Supports custom object detection models.
- Real-time laser marking, measurement, and sharing.



Excels in Day or Night

- The medium tele camera can detect screws and cracks from a distance of 10 meters.
- The tele camera can capture details, like signs, from up to 250 meters away.
- Upgraded stabilization keeps foreground subjects clear during telephoto shots.
- New Night Scene mode.
- New NIR auxiliary light.
- High-resolution, low-light fisheye vision sensor.



Efficient, High-Precision Surveying

- Rapid 0.5-second interval shooting.
- Five-direction oblique photography function, three-direction orthophoto photography.
- Smart 3D Capture routes, geometric routes, and slope routes.
- DJI Terra Distortion Correction 2.0.



Comprehensive Accessory Upgrades

- Obstacle Sensing Module (IP55 protection).
- Gimbal-Following Spotlight (IP55 protection).
- Real-Time Voice Speaker (IP55 protection).
- Integrated Broadcasting and Lighting (IP55 protection).
- DJI RC Plus 2 Enterprise.



Scan for more details

DJI CARE ENTERPRISE

Free 1-Year DJI Care Enterprise Plus or Official Extended Warranty.

Free repairs within coverage limit, free shipping, battery replacement; or an extra 1-year warranty extension in addition to the official warranty with major parts covered.

* All data was measured in a controlled laboratory environment. Actual experience may vary. For details, please refer to the product page on the official DJI website.

** Certain accessories are sold separately.

*** For more details on usage conditions and precautions of certain features, please refer to the product page on the official DJI website.