

DJI Matrice 400 RTK

Worry-Free Plus Combo



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Engineered for the most demanding industrial missions, the DJI Matrice 400 RTK sets a new standard for reliability and performance. With a massive 6.0 kg payload capacity, up to 59 minutes of flight time, and a rugged IP55 weather rating, it is built to conquer the harshest environments.

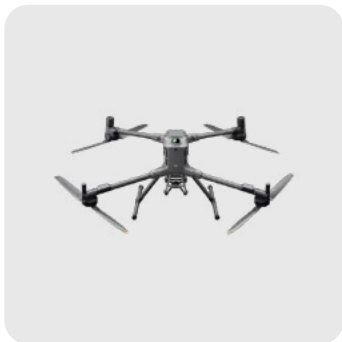
Equipped with advanced omnidirectional obstacle sensing—combining LiDAR, radar, and low-light vision—alongside long-range O4 Enterprise transmission, the Matrice 400 is a highly secure, mission-ready aerial command center designed specifically for public safety, complex inspections, and precision mapping.



Short Intro:



In the Box



DJI Matrice 400 x1



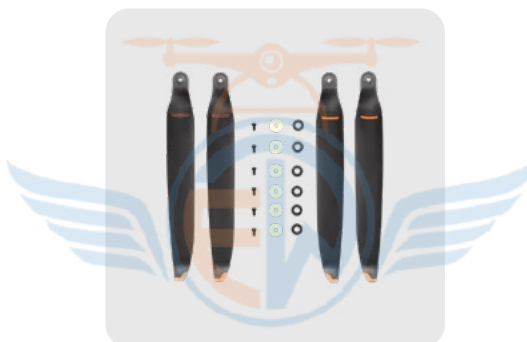
DJI RC Plus 2 Enterprise Enhanced x1



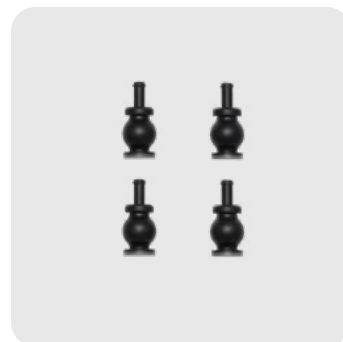
DJI RC Plus 2 sub2G SDR Module x1



DJI RC Plus 2 Strap and Bracket Kit x1



2510F Propeller x1



Gimbal Damper x1



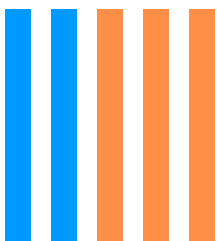
Carrying Case x1



Rotating LiDAR Calibration Cover x1



Front Propeller Holder x1



In the Box



Rear Propeller Holder **x1**



USB-C to USB-C Data Cable **x1**



WB37 Battery **x1**



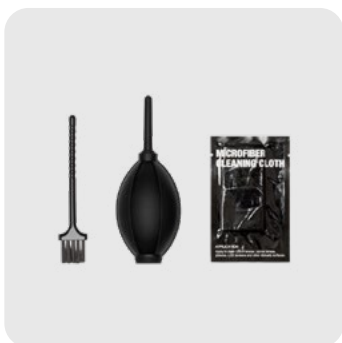
E-Port V2 Rubber Port Cover **x1**



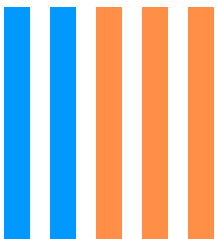
Rubber Plug Screws (2x2) **x4**



Screws and Tools **x1**



Cleaning Tools **x1**



Key Features

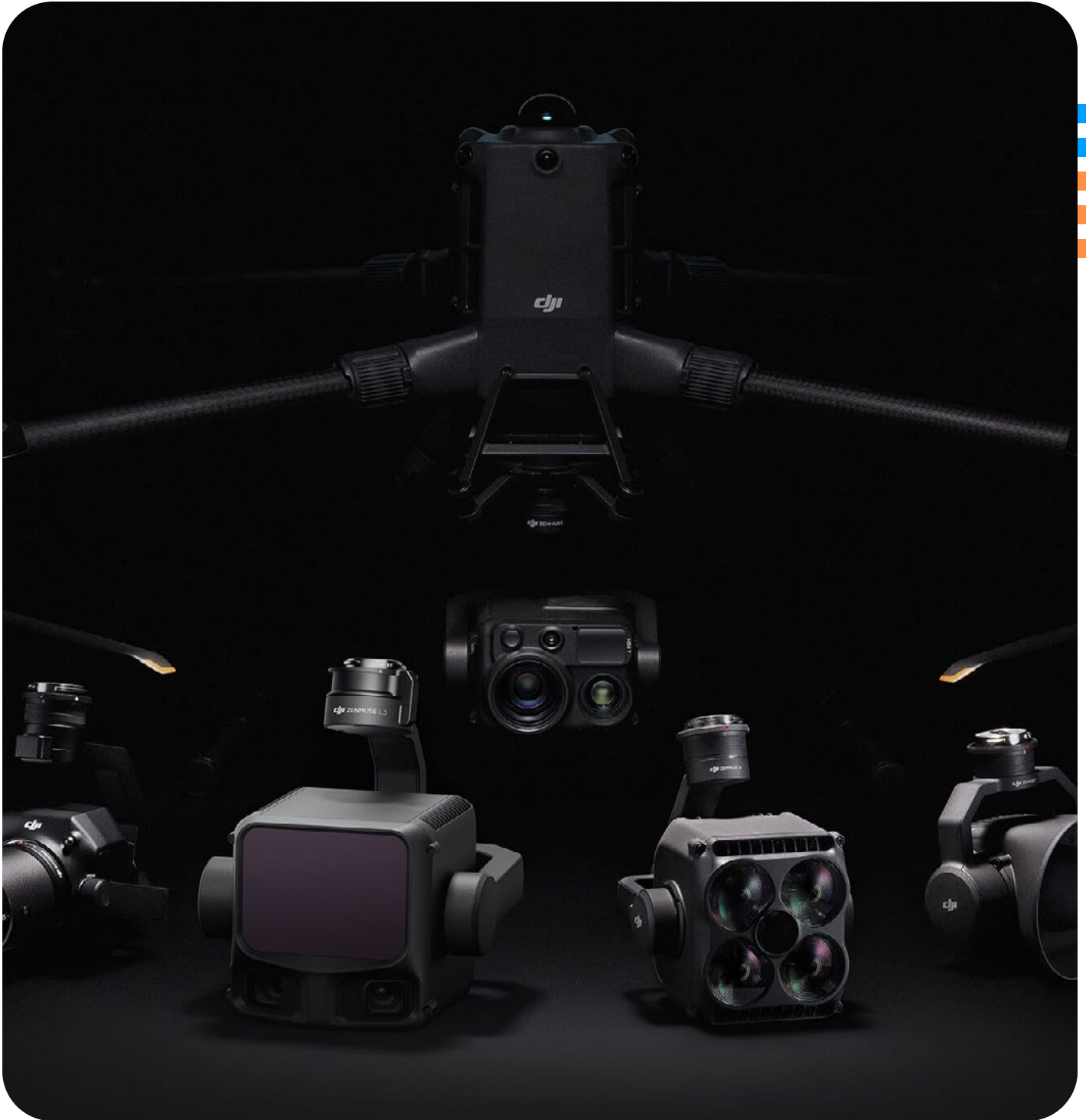
| Feature | Description |
|--------------------|--|
| Flight Time | Up to 59 minutes (unloaded) |
| Payload Capacity | 6.0 kg (13.2 lbs) |
| Max Takeoff Weight | 15.8 kg |
| Max Speed | 25 m/s (approx. 56 mph) |
| Transmission | DJI O4 Enterprise (up to 40 km FCC / 20 km CE) |
| Obstacle Sensing | Omnidirectional vision + rotating LiDAR + mmWave radar |
| Ingress Protection | IP55 (Dust and light rain resistant) |
| Operating Temp | -20°C to 50°C (-4°F to 122°F) |
| Battery System | TB100 (20,254 mAh), hot-swappable |
| GNSS Integration | Built-in RTK (GPS, Galileo, BeiDou, GLONASS) |

Technical Spec

| Category | Specification |
|----------------------------|--------------------------------------|
| Aircraft | |
| Max Takeoff Weight (MTOW) | 15.8 kg |
| Weight (with batteries) | 9,740 ± 40 g |
| Max Payload Capacity | 6.0 kg (13.2 lbs) |
| Dimensions (Unfolded) | 980 × 760 × 480 mm |
| Dimensions (Folded) | 490 × 490 × 480 mm |
| Diagonal Wheelbase | 1070 mm |
| Propeller Size | 25 inches |
| Ingress Protection (IP) | IP55 (Dust and light rain resistant) |
| Operating Temperature | -20° to 50° C (-4° to 122° F) |
| Flight Performance | |
| Max Flight Time | 59 minutes (unloaded) |
| Max Hover Time | 53 minutes (unloaded) |
| Max Flight Distance | 49 km |
| Max Horizontal Speed | 25 m/s (approx. 56 mph) |
| Max Ascent / Descent Speed | Ascent: 10 m/s Descent: 8 m/s |
| Max Wind Resistance | 12 m/s |

Technical Spec


| Category | Specification |
|--|--|
| Max Service Ceiling | 7,000 m (above sea level) |
| Max Yaw Angular Velocity | 100°/s |
| Sensing & Avoidance Systems | |
| Sensing Type | Omnidirectional binocular vision + 3D infrared + rotating LiDAR + mmWave radar |
| Rotating LiDAR | 360° horizontal x 58° vertical FOV (0.5–100 m range) |
| mmWave Radar | ±45° FOV (detects powerlines up to 50 m) |
| Visual Sensing Range | 0.4–200 m (Forward, Backward, Lateral) |
| Downward Infrared Range | 0.3–8 m |
| Safety Features | Omnidirectional Obstacle Sensing + Downward 3D ToF |
| Low-Light Safety | Forward-facing LiDAR scanner |
| Transmission & Control | |
| Transmission System | DJI O4 Enterprise |
| Max Range | 40 km (FCC) / 20 km (CE/SRRC/MIC) |
| Live View Quality | Triple-channel 1080p/60fps |
| GNSS Support | GPS + Galileo + BeiDou + GLONASS (Built-in RTK) |



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