INDUSTRIAL INSPECTION UAV PLATFORM

DJI Matrice 350 RTK multi-payload inspection UAV

The DJI Matrice 350 RTK is DJI's proven flagship industrial UAV platform — combining 55-minute flight times, IP55 weather resistance, and full multi-payload flexibility to deliver dependable data capture across inspection, mapping, and public safety operations.

INDUSTRIAL INSPECTION UAV



DJI Matrice 350 RTK

AVAILABLE NOW FROM D2 RENTALS — CALIBRATED, COMPLETE, FIELD-READY.

CAPABILITIES & APPLICATIONS

Proven endurance. All-weather. All-payload.

Platform Capabilities

Multi-Payload · All-Weather · RTK-Precise

- Flight time up to 55 minutes with no payload — extended on-station time for complex missions
- IP55 ingress protection — rated for rain and dust, suitable for adverse-weather deployment
- –20°C to 50°C operating temperature — proven cold-weather performance for offshore and Highland operations
- Maximum 7,000m flight altitude with the optional high-altitude low-noise propellers
- 4-antenna O3 Enterprise transmission — stable HD video link out to 20km (FCC) / 8km (CE)
- Six-direction obstacle sensing and positioning — flight safety in complex inspection environments
- Hot-swappable TB65 batteries — 400 charge cycles, double the cycle life of the previous TB60
- Multi-payload support — single, dual or triple gimbal mounts for combined RGB, thermal, LiDAR and mapping payloads
- Compatible with DJI Zenmuse H30T, H20T, H20N, P1, L2 and approved third-party PSDK payloads
- RTK module integrated — centimetre-accurate positioning for repeatable mission planning and survey-grade outputs
- Arm-lock indicator and night-vision FPV camera — enhanced pre-flight checks and reduced-light awareness
- FlightHub 2 cloud platform compatible — live mission planning, fleet management, and data delivery

Applications

Built for inspection and survey professionals

- Offshore platform and topside inspection — full asset coverage with thermal and visual payloads
- Power line and transmission corridor surveys — long-range deployment for linear infrastructure
- Wind turbine blade inspection — combined RGB / thermal capture in a single sortie
- Pipeline corridor monitoring — repeatable RTK flight lines for change detection
- Public safety and Drone-as-First-Responder operations — rapid deployment with H30T or H20T thermal
- Telecoms tower and mast inspection — close-quarter capture with obstacle sensing engaged
- Search and rescue — IP55 deployment in adverse weather with thermal imaging
- Wide-area photogrammetric mapping — survey-grade outputs with the Zenmuse P1 or L2
- Plant and process facility inspection — multi-payload configurations cover RGB, thermal and gas detection in one flight

RENTAL BENEFITS

Hiring this UAV is more cost-effective than an outright purchase — and lets you access DJI's flagship inspection platform only when you need it.

WHAT DO I NEED TO BOOK A RENTAL?

Provide us with some key documents — then enjoy your hire.

01

Insurance

Insure your rental under a Hired-in (non-owned) equipment cover policy — to the full cost value of the equipment and for the duration of your hire period.

02

Proof of ID

Submit a copy of your passport or driving licence, plus a utility, bank, or council tax statement that matches your name and delivery address.

03

Flyer ID

You need a valid Flyer ID and Operator ID. A2 CofC or GVC strongly recommended given the M350 RTK's weight class and typical BVLOS / commercial use cases.

READY WHEN YOU ARE

Available now from D2 Rentals — calibrated, complete, and field-ready.

www.d2-rentals.co.uk · Inverurie, Aberdeenshire