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DJI ENTERPRISE

DJI AP100 PARACHUTE

For the Priceless Below

DJI AP100 Parachute for Matrice 400 [1] enables C5/UK5 and C6/UK6 operations [2]. It features independent power and full-link redundancy, supporting both manual and automatic deployment. With a response time under 600 ms* and a descent rate below 5 m/s*, it helps protect your platform, payloads, and the ground below.

European Standards for Compliant Flights

- Mounting AP100 Parachute on DJI Matrice 400 meets C5 and UK5 operational safety requirements [2]
- The DJI Matrice 400 (C6) Worry-Free Plus Combo further meets C6 and UK6 operational safety requirements [2]

Safety Self-Check, Dual Redundant System

- Continuous self-diagnostics on the gas generator and communication links
- Independent perception and control system paired with intelligent algorithms for real-time cross-verification
- Built-in dual capacitors for automatic deployment even during drone power failure
- Independent FTS instantly cuts motor power to prevent parachute line entanglement
- Continuous audible and visual alarms post-deployment to warn ground personnel and assist equipment recovery

Fast Deployment, Reduced Impact

- Supports automatic deployment, manual deployment via app, and FTS deployment [3]
- Automatic deployment response time ⩽ 600 ms*
- Stabilized descent speed ⩽ 5 m/s* at deployment altitude ⩾ 30 m*

Lightweight, Fits Drone Case

- Weighing only approximately 935 g
- Maintains Matrice 400's full 15.8kg max takeoff weight
- Rear-mounted design with no interference to batteries or payloads
- Matrice 400 fits directly into the original carrying case with parachute attached

IP55

Built for Harsh Environments

- IP55 rating [4] matching Matrice 400 for reliable operation in the rain
- Operating temperature range from -20°C to 50°C (-4° to 122° F)

* All data was tested in a controlled laboratory environment. Actual experience may vary. For more details, refer to the product page on the official DJI website.
** When operating DJI Matrice 400 with the parachute, the gimbal safety tether must be securely attached to the Gimbal Connector. For details, refer to the FAQ page on the official DJI AP100 Parachute website.
1. DJI Matrice 400 will automatically disable its downward and backward mmWave radars once DJI AP100 Parachute is mounted. Consequently, the drone platform's ability to sense small obstacles in these directions will be limited. Visit the official DJI website for details.
2. Mounting DJI AP100 Parachute on an existing Matrice 400 meets C5 or UK5 safety operation requirements. To meet C6 or UK6 requirements, users must purchase the DJI Matrice 400 (C6) Worry-Free Plus Combo. Visit the official DJI website for details.
3. The FTS Deployment feature is only available in EU member states, the UK, and other supported countries or regions. The drone platform must be equipped with the DJI Cellular Dongle 2 and connected to a 4G network. The 4G Enhanced Transmission service is not available in certain countries or regions. Visit the official DJI website for details.
4. Please follow the requirements stated in the IP55 protection rating instructions. Visit the official DJI website for details.