



DRS-M300 Solution

DRS-M300 PARACHUTE SOLUTION FOR DJI MATRICE 300 AND MATRICE 300 RTK SERIES.

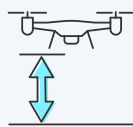
The DRS-M300 was designed for the **DJI Matrice 300 and Matrice 300 RTK**. It is connected via DJI's onboard SDK and is compatible with all current DJI extensions and antennas. Flight parameters for failure detection are specifically adjusted for the M300, based on countless hours of flight data, that have gone into optimizing failure detection algorithms.

The DRS-M300 is by far the lightest intelligent solution available for the Matrice 300 and was designed for our customers who requested a parachute system that combines the highest safety standards with minimal influence on the drone's performance. The optional IP-rated all-weather protection and geofencing functionality make it suitable for the toughest situations in the most challenging flight environments. It is therefore chosen and successfully used by professionals of various industries and government authorities around the world.



ADVANCED PARACHUTE

Specialized design and material for high reliability and minimum weight



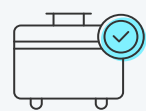
LOW ALTITUDE DEPLOYMENT

Full bloom in only 9 to 14 m, depending on take-off weight.



SIMPLE INSTALLATION

Detailed DIY installation guide and smart mechanism



EASY TRANSPORTATION

No dangerous good classification that would restrict air travel or shipping.

- Tested according to **ASTM-F3322-18** standard.
- **Lightweight design** - Total system weight of 490 g through intelligent engineering and advanced materials.
- **Automatic failure detection and parachute ejection:**
Intelligent electronics monitoring various flight parameters for independent and reliable detection of system failure.
- **Fully autonomous system** - independent IMU and electronics with no external batteries needed.
- **Integrated flight termination** to stop rotors when activating the parachute.
- Optional **geofencing** and **manual trigger** available.
- Optional **IP-rated all-weather protection.**
- **No pyrotechnical** components involved.
- Parachute deployed by our **ultra-light** and **patented sling-chute mechanism.**
- **Connected** via onboard SDK (DJI API).
- **Audible system** status updates and warning signal after deployment.
- **LED-Indicator** for visual confirmation of the system's current status.
- **Reusable** within minutes after deployment through repacking or using a spare parachute.
- **Bayonet lock** for quick and easy attachment and detachment, whenever needed.
- Fits in the original transport case of the DJI M300

The DRS-M300 combines maximum reliability with high flexibility and user-friendliness. The result is a unique performance to weight ratio for more time in the air by taking up less of the drone's payload capacity. For safety and reliability reasons, no pyrotechnical components, metal springs or gas cartridges are used. The parachute is never stored under pressure, for quicker inflation and safe landings even at lower altitudes. After deployment it only takes minutes to ready the system again, by either repacking or using a spare parachute, with no expendable materials that need to be replaced.

INCLUDES:

- 1 x DRS-M300 System
- 1 x Parachute for DRS-M300