



# DRS-15 Solution

DRS-15 PARACHUTE SOLUTION FOR DRONES UP TO 15 KG TAKE-OFF WEIGHT.

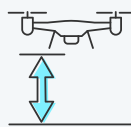
The **DRS-15** was designed for drones with a maximum take-off weight between **10 and 15 kg**. It is available with various interfaces to connect to your type of drone. Its lightweight and low maintenance design make it the ideal solution for professional drone operators who want to spend a lot of time in the air.

The parachute system mitigates the risk of harm and serious injury to people in case of a drone malfunction. At the same time it brings your expensive equipment safely back to the ground. The DRS is closing a critical safety gap to enable commercial drone operations that require the highest levels of protection for everyone involved.



#### ADVANCED PARACHUTE

Specialized design and material for high reliability and minimum weight



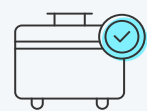
#### LOW ALTITUDE DEPLOYMENT

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.

- **Lightweight design** - Total system weight of 420 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.
- **No pyrotechnical** components involved.
- Parachute deployed by our **ultra-light** and **patented sling-chute mechanism**.
- Various interfaces available to connect with any drone.
- **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.

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**The DRS-15** 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.

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#### INTERFACES:

- MAVLink Interface – Auterion
- DJI-API interface
- Customer serial interface
- PWM / digital interface
- Power cut-off
- Customized solution

#### INCLUDES:

- 1 x DRS-15 System
- 1 x Parachute for DRS-15