



PTS4

Drone Visualized Drop Kit

PTS4 multi-stage drop kit is a multi-functional airdrop device developed based on DJI Payload SDK. It has 4 mounting bins, which can carry up to 2.7kg*. It can automatically identify the mounting position and display the live status on the DJI Pilot APP. To control single-stage delivery, one-key full-cast, etc is available through DJI Pilot APP. Integrated with 1080P HD FPV camera, real-time image transmission enables accurate delivery. Directly mounted to the gimbal interface of the Matrice M200 V2 series and M300 RTK drones through DJI SkyPort V2, PTS4 is applicable to occasions where relief supplies should be delivered urgently. The airdrop can deliver items quickly and easily where areas are difficult to reach.



4 release times/Flight



1080P Camera



2.7Kg



DJI PILOT control

*The load capacity of PTS4 is 20kg. With the Matrice M300 RTK single gimbal model, the maximum weight that can be mounted is 2.7kg.

Function

- On-site detection

Four mounting positions, in any order, automatically identify the mounting position, and the Pilot APP can display the mounting status of each position in real time.

- Integrated camera

Integrated 1080P high-definition FPV camera, real-time radio transmission facilitates aiming at the target, and achieves accurate delivery.

- Drop in any order

Through the DJI Pilot APP control garget, you can drop in the positions independently, and order is not limited. You can also cast all with one key, which is efficient and fast.

- Simple operation

Release manually without powering on.



Application

Fire Fighting

In the early stage of a fire, drones are more flexible than fire trucks and personnel. PTS4 can be used to mount up to 4 fire extinguishing bombs at the same time, and reach the fire point in the shortest time. Through segmented delivery, the fire can be extinguished more accurately and effectively

Emergency rescue

At critical moments, the load weight of the drone is very important. The PTS4 has built in observation camera, and the drone does not need to be equipped with a gimbal camera, which greatly improves the effective load capacity of the drone;

Rescue

Time is life. The M300RTK can quickly carry medicines or lifebuoys to the scene, and the multi-stage throwing function can carry several different materials at a time to reach different remote points;

The performance parameters

Product Name	PTS4 Drone Visualized Drop Kit
Supported Aircraft	MATRICE 200 SERIES V2 and MATRICE M300RTK
Weight	135g
Size	57.4mm*57.4mm*54mm
Maximal Load Capacity with Aircraft	2.7Kg
Max. release times/Flight	4
Built-in camera	1080P@25P
Audio Format	MP3
Payload Interface	DJI SKYPORT V2
Installation mode	Detachable via DJI SKYPORT
Control APP	DJI PILOT

DJI SKYPORT

DJI SkyPort provides a standard interface for the development of the Payload SDK. This allows developers to integrate third-party equipment such as sensors and mechanical devices into DJI's advanced flight platform, realizing integrated control of hardware and software, and enriching flight operation functions. It is beneficial to expand the application of UAV to a broader field.