

MONOCEROS



MT30

Multi-functional supply drop system

Hexagonal all-round performer



Abseiling drop



Night lighting



Megaphone announcement



Microphone pickup



Red-blue warning



30-meter pay-off



Emergency rope-breaking



Accurate weighing

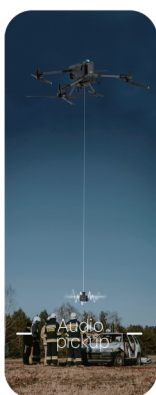
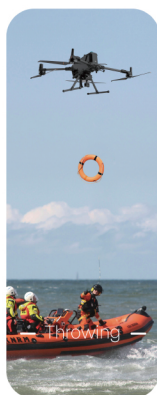


Product introduction

The MONOCEROS MT30 multi-functional supply drop system is a unique multi-functional payload module independently developed by BY.TECH, integrating multiple basic functions in the industry, including abseiling, throwing, audio pickup, audio pickup, flashing, and lighting. Featuring a compact design and diverse functionalities, it offers straightforward installation with immediate plug-and-play usability. The quick-disassembly flexible module design enables efficient loudspeaker loading. The original intelligent lock hook is equipped with the audio pickup function, which can perform remote control and realize air-ground dialogue with the megaphone announcement function. Equipped with intelligent supply drop management software, leveraging IoT technology, it facilitates remote operations, real-time monitoring, task scheduling, and statistical analysis. Relying on innovative designs, the MT30 provides possibilities for the use of drones in various complex scenarios through the combination of software and hardware.



Application scenario



Product characteristics

Combination of multiple functions

It has multiple functions such as abseiling, throwing, megaphone announcement, audio pickup, flashing, lighting, and wireless connection. The equipment is easy to install and features plug-and-play functionality.

01

Precise weighing overload protection and emergency rope-breaking

Featuring a built-in high-precision weighing system, it continuously monitors and calculates the weight of items, implementing overweight flight restrictions to guarantee flight safety. Instant fusing at a single press, with rapid response times – every moment counts in emergencies.

05

Brand-new air-ground dialogue mode

The original intelligent lock hook design is equipped with the audio pickup function, which can perform remote control and realize air-ground dialogue with the audio pickup function.

02

Multiple delivery modules meeting the delivery needs of various items as required

Multiple customized goods transport cases, limit supports, and other related accessories can be selected to meet the needs of various scenarios.

06

Electric control lock hook with various usages and worry-free delivery

The wireless electric control lock hook design supports one-click throwing and abseiling, without the response of on-site personnel.

03

Material delivery cloud platform data at your fingertips

Leveraging IoT technology, it facilitates front-end remote call for help, back-end remote operation, real-time monitoring, task scheduling, and statistical analysis.

07

Original design anti-winding protection and double redundancy

The original active anti-winding induction algorithm and special harness mechanism can carefully protect every lift.

04

Quick upgrade of water intake operation

The optional dedicated water sampler enables drone-based water sampling; all-in-one machine delivers high efficiency and convenience.

08