



# GDU Micro UAV



Foldable  
Portability



Light  
Weight



Long  
Flight Time



Level 5  
Wind-resistance



Target  
Positioning

# GDU Micro UAV



## INTRODUCTION

The micro-UAV is designed for battlefield observation and reconnaissance, and performs close reconnaissance missions under special terrain conditions, and has the ability to perform tasks around the clock. It is small in size, flexible in maneuverability, simple to control, convenient to maintain, easy to carry, reliable and cost-effective, capable of vertical take-off and landing, fixed-point hovering, and omnidirectional maneuverability.

It is mainly used to extend and expand the observation distance and range of individual soldiers of special forces, amphibious forces and marines. It is carried by individual soldiers and can be transported in by air, ground, water and underwater. Perform investigation and surveillance tasks in complex environments such as mountains, forests, jungles, cities, and key details, as well as surveillance tasks under various application conditions such as islands, coasts, and water surface ships.

## FEATURES



### Foldable Portability

Foldable and portable, saving storage space to the full extent



### Light Weight

< 350g



### Long Flight Time

> 30mins under low temperature work condition



### Level 5 Wind-resistance

Strong power system design mechanism, can fly under level 5 wind



### High Altitude Flight

Able to fly normally at altitude higher than 4.5KM



### Day&Night Detection

Compatible with micro 2-axis dual gimbal, able to achieve day&night detection



### Target Positioning

Can achieve precise target positioning



### Flight Path&Image Storage

Can achieve flight path&image storage

# PRODUCT COMPOSITION

The micro-UAV aircraft system consists of 2 aircraft (including visible light and infrared detection equipment), 1 set of control terminals and related security equipment (2 backup batteries and tactical carrying bag), etc.

Micro UAV



Mobile Control Terminals



## PRODUCT PARAMETER

Basic Index	
Combat radius	≥2km (radio communication)
Service ceiling	≥200m (relative height)
Max flight weight	≤350g
Navigation method	BEIDOU satellite navigation B3 frequency
Environmental adaptability	Work temperature: -40℃~+55℃ Storage temperature: -45℃~+60℃ Relative humidity: (95±5)% (30℃~60℃)
Altitude	4.5KM
Wind resistance	7.8m/s wind speed (Level 4 wind)
Water resistance	Light rain
Other Index	
Target positioning accuracy	≤20m (CEP, vertical downward, 50m relative height)
Resolution	≥1920×1080 (visible light); ≥320×240 (infrared)
Carrying ability	Lighter than 2KG (one technical carrying bag, including 2 aircraft, 1 control terminal, 2 backup batteries)
Flight time	> 30min (-20℃)



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