



## HydroCopter 4

**3h**

Ultra Long Endurance

**-20°C**

Adaptive To -20 °C

**6kg**

Payload

**50km**

Maximum Control Radius

Certified by China Electric Power Research Institute  
Certified by the Third Institute of the Ministry of Public Security

## Product Introduction

HydroCopter 4 , is the 1st hydrogen fuel cell drone tested and certified by Third Institute of the Ministry of Public Security and the China Electric Power Research Institute. It is widely used in search and rescue, power grid inspections, oil and gas pipeline inspections, free way inspections, and other areas.

As a universal flying platform, HydroCopter 4 provides is compatible with most payload on the market. It also provides 12V, 24V DC on board supplies. It has optional 1.4G point to point 30 km image/data link or 4G/5G wireless module.

## Product Parameters

Wheelbase	1600mm
Power form	Hydrogen fuel cell 1700W ×2
Maximum takeoff weight	25kg
Maximum load	5kg
Climb rate	3m/s
Cruising speed	0-13m/s
Data/Image link	Optional 1.4G 30km/50km, or 4G/5G wireless
Ceiling	3000m
Endurance	3h max, 2.5h@1kg , 1.6h@5kg

Rain proof level	2mm/min
Dust resistance	IP5
Wind resistance	15m/s
Working temperature	-20°C to 50°C
Noise level	<65dBA@3m
Safety features	Low battery warning/returning
Intelligent flight	1024 point fly route editing, auto fly/landing/taking off, heading lock, return point lock, points of interest

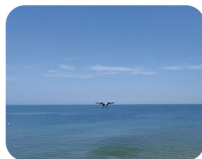
## Application Area



Winter Inspection



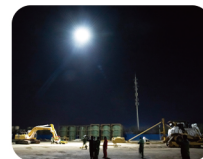
Power Grid Inspection



Maritime Inspection



Pipeline Inspection



Emergency Lighting



Relay communication

## Contact Information

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