



无人机系统及服务提供商  
Unmanned Aerial Vehicle System and Service Provider



快速定位火源  
Rapid Detection  
of Fire Source



精准灭火  
Precision Fire  
Extinguishing



# HC-342 消防专用无人机 FIRE-EXTINGUISHER DRONE

蜂巢航宇科技(北京)有限公司

Honeycomb Aerospace Technologies (Beijing) Co., Ltd.



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## 产品简介 / Product Introduction

HC-342是蜂巢航空科技(北京)有限公司研制脉冲查打一体无人机,应对高层建筑火灾,森林火灾,石油化工类火灾这世界三大消防难题。

本产品可搭载一套三管消防弹发射装置,并集成高清视频采集目标测距功能,平台具备全自主飞行能力。机身采用减阻设计理念,使用高性能锂电池作为供能装置,有效提升飞行速度与飞行时长。机臂采用折叠设计,方便运输,并且占用空间小,整机采用碳纤维复合材料,可靠性高。

HC-342 is Six-rotor Fire-Extinguisher UAV jointly developed by Honeycomb Aerospace Technology (Beijing) Co., Ltd. to deal with three major fire-fighting problems in the world, including high-rise building fire, forest fire and petrochemical fire.

The product can be equipped with a set of three fire extinguisher missile launchers, and integrated with high-definition video capture target ranging function. The platform has full autonomous flight capability. The fuselage adopts the design concept of drag reduction. By using high-performance lithium battery as the energy supply device, effectively improves the flight speed and flight time. The arm adopts the folding design, which is convenient for transportation and takes up small space. The whole machine adopts carbon fiber composite material, with high reliability.

## 产品参数 / Product Parameters

轴距	1860毫米	最大起飞重量	57.0千克
Diagonal Distance	1860mm	Max Take-off Weight	57.0kg
三管脉冲发射器	18千克	最大飞行速度	10米/秒
Three Fire Extinguisher Missiles launcher	18kg	Max Flight Speed	10m/s
3枚灭火弹	3千克	最大飞行高度	2000米
Three Fire Extinguishers	3kg	Max Flight Altitude	2000m
有效发射距离	大于120米	最大飞行续航时间	20分钟@49千克
Effective Launch Distance	>120m	Max Flight Duration	20min@49kg
灭火剂覆盖面积	大于等于20平方米	防护等级	IP54
Single-shot Extinguisher Coverage Area	≥20m <sup>2</sup>	Rain and Dust Protection level	IP54

## 应用场景 / Application Scenario



森林消防 / Forest fire



高层消防 / High-rise fire



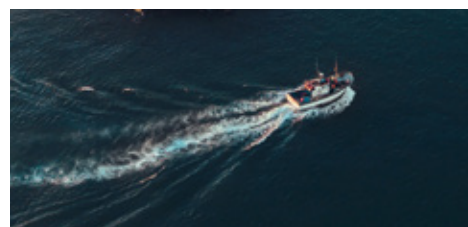
辅助消防 / Emergency fire



反恐制暴 / Anti-terrorism



核辐射监测 / Nuclear radiation monitoring



海上救援 / Sea rescue



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