CETIG Technology Investment Holding (Qingdao) Group Co., Ltd.

Flying Lifebuoy

Model: HXY-FJ | Brand: CETIG 华巽云



Overview

Flying Lifebuoy · HXY-FJ

CETIG Technology Investment Holding (Qingdao) Group Co., Ltd.
+86 532 8412 3835 (Mon–Sat 08:00–17:30 CST) | huaxunyun2021@163.com | No. 1000 Haijun Road, Huangdao District, Qingdao, Shandong, China
www.cetig.cn

Specifications apply to the delivered product version and may change without notice.

Technical Specifications

The Flying Lifebuoy is part of CETIG's product range, developed for demanding water-rescue and maritime safety operations. Key technical data are listed below.

Specifications

Dimensions	930mm*930mm*120mm
Weight	4kg
Camera	Gimbal tilt: +90° to -90° Resolution: 720p
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Propeller	Propeller diameter 12 in, pitch 4.5 in
Operating range	≥1000m
Flight time	≥10min
Maximum flight speed	12m/s
Maximum flight altitude	4000m
Hovering accuracy	≤1.5m
Communication range	≥ 1,000 m (surface), ≥ 10 km (air)
Buoyancy in water	> 18kg
Storage conditions	-30°C to 65°C
Sea-state tolerance	Wind resistance: force 6; survivable sea state: 2
Protection rating	IP67
Communication method	2.4 GHz digital video link
Night vision	Infrared dual-sensor version enables night rescue operations
Flight capability	Water take-off/landing, hovering, one-key take-off, one-key return and autonomous return
Special capabilities	EMI resistant, resistant to surface chop, resistant to pressure imbalance

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