

DIODON HP30 Mil.1/ISR, Maritime

Question: High resolution EO/IR detection capability through a waterproof maritime UAV



Technical Description

Flight Time	30 minutes
Max Range	4 km
Weight	1 995 g
Size	Folded: 240x380x120 mm Unfolded: 500x600x200 mm
Wind Tolerance	27 knots (50km/h) / 29 knots (54km/h)
Operating Temperatures	-10°C to +40°C
Frequency	2 200 – 2 290 MHz
Setup time	<90 seconds
Encryption AES 128/256	AES 256
Environmental Tolerances	All weather capable; waterproof system: - DIODON HP30 drone: equivalent IP56 - DIODON GCS Mk.2: equivalent IP67
Structure	Foldable, inflatable (to float after waterlandings)
Latlong/MGRS	Yes
Payload	2-axis waterproof mechanically stabilised payload EO: Direct transmission in HD quality (1280x720 pixel) IR: Direct transmission in 640x512 quality
Interface features	Semi-automatic (Altitude and Position hold modes) and automatic flights (mission planning, return-to-pilot ...)

Payload Description

Double EO/IR stabilized waterproof payload.



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Payload Description

