

UVH-170

The UVH-170 is a multi-purpose gasoline engine-powered drone copter that can carry up to 10 kg payloads for as long as 6 hrs with a range of 350 km.

All flight stages, including Take-off and Landing, are carried out fully autonomously.

In case of emergency the copter will be saved by autorotation or parachute.

The UVH -170 is equipped with the satellite communication data link, which supports BVLOS.

With its improved cooling system, the engine performs excellently in both hot and moist environments.

APPLICATION:

- Video surveillance and monitoring
- Payload delivery
- Radio relay
- Flying R&D laboratory



THERE IS A WIDE RANGE OF PAYLOADS AVAILABLE:

- Day light vision
- Low light vision
- Night vision or IR
- Lidar
- Multispectral

www.uavos.com
uavos@uavos.com



PERFORMANCE

PARAMETER	DATA
Cruising speed	60 km/h (37 mi/h)
Maximum speed	120 km/h (74 mi/h)
Max. Payload	15 kg (33lb)
MTOW	45 kg (99lb)
Max. climbing capacity	3 m/s (5.8 kts)
Max. wind speed during taking off or landing	14 m/s (27kts)
Flight time (max with 4 kg payload)	5 h
Operational range	350 km (217 mi)
Practical ceiling	5000 m (16400 ft)
Operation temperature	-35°C to +40°C (-31°F to +104°F)

PHYSICAL SPECIFICATIONS

PARAMETER	DATA
Main rotor diameter	2600 mm (102.3 in)
Length	3285 mm (129.3 in)
Height	851 mm (33.5 in)
Landing skids base	875 mm (34.4 in)
Empty weight	28 kg (61.7 lb)
Engine type	4-stroke single engine
Emergency landing	Parachute and/or autorotation
Onboard power supply	12V
Battery type (included)	Li-Fe
Altimeter	Laser
TBI (inspections, maintenance)	400 h
Level surface	15x15 m (49x49 ft)
Storage	Heli in box: 77 kg (169lb) Packing dimensions: 1570x960x520 mm (61.8x37.8x20.5 in)
Ground support equipment	Not required

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