KX-8

HEAVYLIFT

KX-8 HEAVYLIFT

Product Name: KX-8

APPLICATIONS

— MILITARY: Instant “Over the hill”. reconnaissance capability, battlefield damage assessment, fire control, hostile fire location, supply delivery.

— GOVERNMENT: Search and rescue, border guard, firefighting, police, riot control, mapping.

— CIVILIAN: Security services and property surveying, power line inspection, forestry, agriculture, mapping, movie industry, aerial photography.

FEATURES

— Modular design for quick assembly and maintenance.

— Rain and snow resistant- possible to fly in di cult weather conditions. (at users own risk)

— Su cient payload capacity.

PAYLOAD

— A wide range of payload possibilities.
Default payload 1: 3-axis brushless gimbal for aerial cinematography, possible to carry cameras like RED Epic etc.

— Default payload 2: 2-axis qyrostabilized gimbal equipped with daylight zoom camera and fixed lens IR camera. Live geo-referenced video is streamed down via a digital data link to an hand-held control station. Various video streaming and control options available.

— Possibility of transporting miscellaneous goods, which can be airdropped on the field (e.g. transporting spare tools and accessories to a bomb squad when working in extremely dangerous conditions).

MECHANICAL SPECS

Helicopter weight w/o batteries and payload: 5.7 kg

Frame dimensions:
Width: 66cm
Length: 66cm
Height: 22cm
M2M(diagonal): 80cm
Main construction material: Carbon fiber, aluminum, fiberglass.

STANDARD ELECTRONICS

Motors: Dualsky XM7010MR-7.5 330RPM/V
ESC-s: TURNIGY K-Force 70A-HV OPTO V2
Power Distribution Board: Gryphon GPD-1000CTP
Radio control transmitter: Futaba 14SG
Multirotor flight controller: DJI A2
Batteries: Gensace 16000mAh 6s

FLIGHT SPECS

Tested operating temperature: -20C – 40C
Flight time: 10-30min depending on payload
Airspeed: 0-40km/h
Range: 0-10km*

KX-8 in Helicam configuration

Airborne Mechatronics multirotor family

*When in civilian use flight height and range are restricted by Civil Aviation Administration.
Device must be maintained regularly, failure to do so will increase the risk of technical failure.
The manufacturer will not be held liable for any of the material and physical damages caused by the incorrect operation of this device.
Manufacturer has the right to change information in the specification sheet without prior notice.