PAYLOAD DRONE · SKU AX-G160

GAIA 160MP Hexacopter

Six-rotor industrial hexacopter with 20 kg payload: a versatile mid-weight platform for sensors, cargo and inspection.



MAX PAYLOAD	LAYOUT	CLASS	USE
20 kg	**Hexacopter (6 rotors)**	**Mid-heavy industrial**	**Sensors, cargo**

The **GAIA 160MP** is a six-rotor industrial hexacopter with a **20 kg payload**. It is a good middle ground: strong enough to carry survey-grade sensors and meaningful cargo, small enough to transport and deploy easily, and with the extra margin of six motors over four.

For many professional operators, the hexacopter is the sweet spot:

Twenty kilograms of payload covers most professional sensor setups with room to spare:

Key features

20 kg payload. Plenty of lift for heavy cameras, LiDAR, multi-sensor pods or light cargo.

Six-rotor layout. A hexacopter adds margin over a quadcopter while staying simpler than an octocopter.

Versatile mounts. Swap between survey sensors, inspection cameras and cargo hooks.

Manageable size. Easier to transport and deploy than the largest heavy lifters.

Integrator-friendly. A popular choice for custom sensor builds.

Specifications

PAYLOAD & PERFORMANCE	
Maximum payload	20 kg
Flight time	Confirmed in quotation
Operating range	Confirmed in quotation

Max speed	Confirmed in quotation
Wind resistance	Confirmed in quotation
AIRFRAME	
Configuration	Hexacopter (6 arms, 6 motors)
Wheelbase	Confirmed in quotation
Empty weight	Confirmed in quotation
Max take-off weight	Confirmed in quotation
SYSTEMS	
Flight controller	Confirmed in quotation
Positioning	Confirmed in quotation
Payload interfaces	Gimbal, sensor and cargo mounts (configured to order)
COMMERCIAL	
Lead time	Confirmed in quotation
Warranty	Confirmed in quotation
Shipping	Sea, air or express; batteries ship as Class 9 dangerous goods (UN3480/UN3481)

Applications

Mapping and survey · Inspection · Light cargo · Security and public safety · Research

Specifications may vary by production batch; your written quotation takes precedence.

Request a quote: https://gokarts.voltexmotionsupply.com/request-quote/?product=gaia-160mp-hexacopter
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