PAYLOAD DRONE · SKU AX-T200

THEA 200MP Coaxial Octocopter

8-axis coaxial heavy-lift octocopter rated for 70 kg payload with up to 45 minutes endurance.



MAX PAYLOAD	ENDURANCE	LAYOUT	CLASS
70 kg	**Up to 45 min***	**8-axis coaxial**	**Ultra heavy lift**

The **THEA 200MP** is an eight-axis coaxial octocopter rated for a **70 kg payload** and up to **45 minutes of endurance** (manufacturer figure; endurance falls as payload rises). It is the heaviest-lifting aircraft in our current range, aimed at operators who have outgrown 20 to 50 kg platforms and need to move serious weight without a helicopter.

A coaxial octocopter mounts two rotors on each of its four arms, one above and one below, spinning in opposite directions. Compared with a flat eight-arm octocopter, the layout has three practical advantages:

The trade-off is some aerodynamic efficiency, because the lower rotor works in the upper rotor's downwash. For heavy-lift work, the redundancy and compactness are usually worth it.

Key features

70 kg payload class. The highest-capacity platform in our current range, built for loads most multirotors cannot lift.

Coaxial redundancy. Eight motors on four arms. A coaxial layout gives the aircraft more margin if a single motor degrades than a basic quadcopter has.

Long endurance. Up to 45 minutes manufacturer-rated endurance at lighter loads, for longer missions and transits.

Compact for its class. Coaxial stacking packs eight rotors into a four-arm footprint, which is easier to transport and to land in tight spaces.

Custom payload integration. Mounts for cargo, sensors and specialist equipment can be configured to the mission.

Specifications

PAYLOAD & PERFORMANCE	
Maximum payload	70 kg
Endurance	Up to 45 minutes (manufacturer figure; falls with payload)
Operating range	Confirmed in quotation
Max speed	Confirmed in quotation
Wind resistance	Confirmed in quotation
AIRFRAME	
Configuration	Coaxial octocopter (4 arms × 2 rotors, 8 motors)
Wheelbase	Confirmed in quotation
Empty weight	Confirmed in quotation
Max take-off weight	Confirmed in quotation
Folded dimensions	Confirmed in quotation
SYSTEMS	
Flight controller	Confirmed in quotation
Positioning	Confirmed in quotation
Payload interfaces	Cargo hook / release and custom mounts (configured to order)
Ground station	Confirmed in quotation
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

Heavy cargo transport · Mining and quarrying · Energy and utilities · Disaster logistics · Research and payload testing

Specifications may change between production batches; the quotation and spec sheet issued with your order take precedence. Flight times and

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