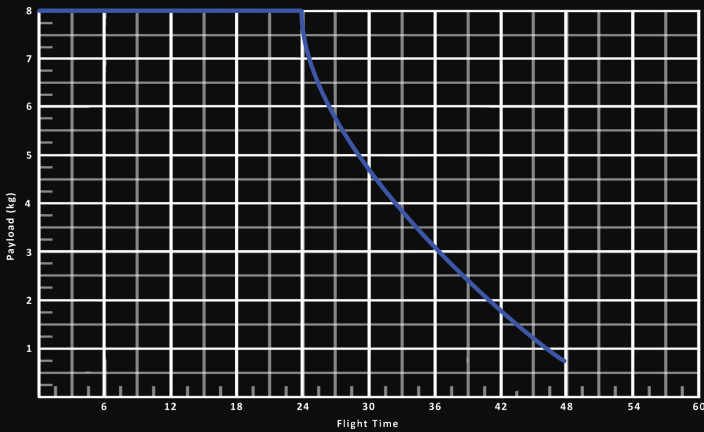


A HARRIS AERIAL

Hx8

3600 Meter Service Ceiling • 32,000 mAh Power

3600 Meter Service Ceiling



Harris Aerial proudly presents our flagship coaxial octocopter drone, the Carrier Hx8. Harris Aerial began development on the Carrier Hx8 coaxial UAV in response to industrial, scientific, and military demand for an extremely foldable and safe unmanned drone capable of carrying heavy payloads not offered by typical commercial drones.

With motor redundancy and foldability in mind, the Hx8 framework and other utilized hardware have been thoughtfully designed with almost a decade of development. The Carrier Hx8 is manufactured in the USA with the tightest tolerances to ensure the ultimate satisfaction for our customers.



C-NAVIGATOR

- Handheld
- Touchscreen
- HD Real-Time Video
- Low Latency
- NDA Compliant

GCS OPTIONS



- 12 Channel Functionality
- Sunlight Viewable Display
- 2-AXIS Payload & Gimbal Controls
- 6-POS/3-POS/2-POS/Guarded
- Button/Rotary
- NDA Compliant

HARRISAERIAL.COM

INFO@HARRISAERIAL.COM | (407) 725-7886



HARRIS AERIAL



Hx8

GENERAL

Maximum Takeoff Weight	55 lbs 25 kg	Flight Modes	GPS LOITER ALTITUDE HOLD FULLY AUTONOMOUS
Empty Weight	21.5 lb 9.8 kg	Radio Frequencies	2.4 GHz (ISM) 902-928 MHz
Max Payload	17.6 lb 8 kg	System Architecture	Open Source
Flight Time	48 min. (No Payload)	GPS	Dual RTK GNSS
Max Speed	33.6 mphver 15 m/s	Payload Mounting	Dampened Modular Quik-Release
Max Vertical Speed	5.6 mph 2.5 m/s	Weather Rating	(IP43)
Max Lean Angle	30 degrees	Flight Safety Systems	Radio Connectivity Monitoring, Battery Voltage & Amperage Monitoring
Dimension (Unfolded)	Prop Tip to Tip: 2363 mm / 93" Height (Customizable): 617 mm / 24.3"	Dimensions Transport Case	Length: 912 mm / 36" Width: 912 mm / 36" Height: 492 mm / 19.4"

BATTERY

Battery Type	12S1P Smart Lipo (2xBatteries)	Battery Capacity	16.000 mAh
Peak Battery Voltage	50.4 V	Battery Life Cycle	250 Flights
Nominal Battery Voltage	44.4 V	Battery Connector	AS150U-F (Anti-Spark)
Auxiliary Power	5.3 V, 12 V, 24 V, 48 V Power Ports	Safety Features	Battery Voltage & Amperage Monitoring

OPERATIONAL & ENVIRONMENTAL

Operation Table	-20°C to 49°C -4°F to 120°F	Service Ceiling AMSL	12.000 ft 3658 m (Payload Dependant)
Max Operational Wind Speed	25 mph 11 m/s	Service Ceiling AGL	400 ft 122 m (FAA Limited)

HARRISAERIAL.COM

INFO@HARRISAERIAL.COM | (407) 725-7886