

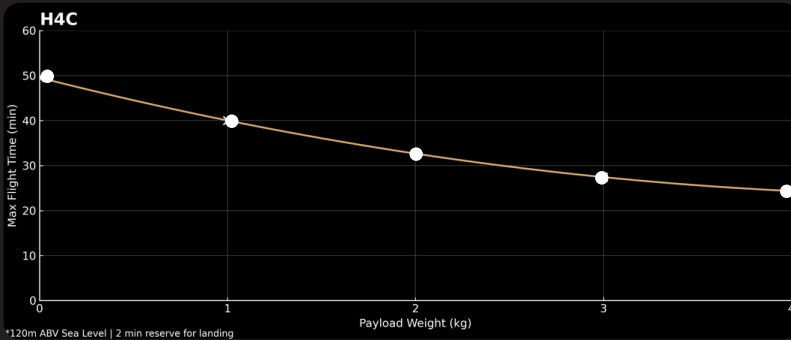
# HARRIS AERIAL



## H4C



50 Minute Max Flight Time • 4kg Max Payload  
Transportable | Compact | Deploys In < 2min



Set to launch in Q1 2026, Harris Aerial proudly presents the H4C, a next-generation quadcopter drone engineered to surpass industry standards. Boasting a maximum payload capacity of 4kg and an exceptional flight time of up to 50 minutes, the H4C outperforms competitors, delivering unmatched power and endurance for industrial, commercial, and military missions.

Its robust yet compact design ensures rugged durability and easy portability, making it perfect for heavy-lift operations, including precision surveying and high-value asset inspections. Designed and manufactured in the USA, the H4C embodies Harris Aerial's commitment to innovation and American craftsmanship. Elevate your capabilities with the H4C—where strength meets precision in the skies.



## GCS OPTIONS



- Handheld
- 8" HD Display
- Touchscreen
- Real-Time Video
- Low Latency
- NDAA Compliant

- Android or Windows
- 7" Touchscreen HD
- IP65 & MIL-STD-810H
- Swappable Radio Modules
- NDAA Compliant

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## H4C

### GENERAL

Maximum Takeoff Weight	26.8 lbs   12.15kg	Flight Modes	GPS LOITER   ALTITUDE HOLD   FULLY AUTONOMOUS
Empty Weight	8.15kg	Radio Frequencies	2.4 GHz (ISM)   902-928 MHz
Max Payload	4.0 kg / 8.8lbs	System Architecture GPS	Open Source
Flight Time	50 min. (No Payload)		Dual RTK GNSS
Max Speed	23 m/s	Payload Mounting	Dampened Modular Quik-Release
Max Vertical Speed	3 m/s	Weather Rating	IP54(expected)
Max Lean Angle	30 Degrees	Flight Safety Systems	Radio and Battery Failsafes Triple Redundant IMU Parallel Battery Power
Dimension (Unfolded)	Prop Tip to Tip: 1510 mm / 59.4" Height: 470 mm / 18.5"	Folded Dimensions	Length: 414 mm / 16.3" Width: 380 mm / 15.0" Height: 238 mm / 9.4"

### BATTERY & PAYLOAD CONNECTOR

Battery Type	2 x 8000 mAh 12S HV LiPo	Battery Capacity	16,000 mAh (combined)
Peak Battery Voltage	52.2V	Battery Life Cycle	Up to 300 flights
Nominal Battery Voltage	45.6V	Battery Connector	L01FA12C-DJ1C05C Power + CAN BUS
Redundancy	Parallel 12s Batteries Triple Redundant IMU	Safety Features	Battery Voltage & Amperage Monitoring
Power Available	48V (vbat), 24/28V, 12/14V, 5V	Data	Ethernet, UART (serial), CAN bus, GPIO, HDMI, USB-C

### 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	30 mph   13 m/s	Service Ceiling AGL	400 ft   122 m (FAA Limited)

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