



QUAD · COMING Q4 2026

H4C QUAD

Compact power, uncompromising precision — a true 4 kg payload and up to 50 minutes of flight in a form factor that fits in a car seat.



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|----------------------------|------------------------------|------------------------------------|--------------------------------|-------------------------------|
| 4 kg MAX PAYLOAD | 50 min FLIGHT TIME | 16,000 mAh SMART BATTERY | <90 s DEPLOY TIME | IP54 WEATHER RATING |
|----------------------------|------------------------------|------------------------------------|--------------------------------|-------------------------------|

H4C QUAD.

Compact power, uncompromising precision. The H4C pairs two 8 Ah intelligent 12S smart batteries with a foldable, IP54-rated airframe to deliver a true 4 kg payload and up to 50 minutes of flight — in a form factor that fits in a car seat or backpack.

Designed, manufactured, assembled, and supported in the United States. From transit to airborne in under 90 seconds — built for operations where time is a tactical asset.

PERFORMANCE FLIGHT TIME VS. PAYLOAD



TESTED AT SEA LEVEL · 20 °C · NO WIND · ~15% REDUCTION AT 12,000 FT CEILING

03 - GROUND CONTROL

GROUND CONTROL OPTIONS.

OPTION A · HANDHELD - COMMERCIAL & MILITARY

OPTION B · CONSOLE

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| <h2>C-NAVIGATOR</h2> <p>COMMERCIAL</p> <p>RUGGED HANDHELD GCS</p> <ul style="list-style-type: none"> 8" Samsung TAB 5 IP65 AES-256 / STIG NDAA Compliant | <h2>C-SROC</h2> <p>MILITARY / DEFENSE</p> <p>SOLDIER ROBOTIC CONTROLLER</p> <ul style="list-style-type: none"> 8" Samsung TAB 5 Tactical Edition MIL-STD-810-H · IP65 Nett Warrior · AES-256 / STIG NDAA Section 848 | <h2>C-GCS</h2> <p>CONSOLE</p> <p>PROFESSIONAL MISSION COMMAND</p> <ul style="list-style-type: none"> 12-Channel Functionality Sunlight-Viewable Display 2-Axis Payload & Gimbal NDAA Compliant |

■ ALL STATIONS · MAVLINK NATIVE · NDAA SECTION 848 · MISSION PLANNER / QGC COMPATIBLE

SPECIFICATIONS
TECHNICAL SPECIFICATIONS.
A POWER SYSTEM

| | | | |
|------------------------|--------------------------|--------------------|----------------------------|
| BATTERY TYPE | 2x 8,000 mAh 12S HV LiPo | BATTERY LIFE CYCLE | Up to 300 flights |
| BATTERY CAPACITY | 16,000 mAh (combined) | BATTERY CONNECTOR | L91FA12C (Power + CAN Bus) |
| NOMINAL / PEAK VOLTAGE | 45.6 V / 52.2 V (12S) | REDUNDANCY | Parallel 12S |

B AIRFRAME & PERFORMANCE

| | | | |
|----------------------|--------------------------------|--------------------|------------------------------------|
| FRAME TYPE | Quadcopter (Foldable) | MAX TAKEOFF WEIGHT | 12.15 kg · 26.8 lbs |
| CONSTRUCTION | Injection-Molded Thermoplastic | UNFOLDED | Prop tip 1,510 mm · W 470 mm |
| MAX HORIZONTAL SPEED | 23 m/s | FOLDED | 414 x 380 x 238 mm |
| MAX VERTICAL SPEED | 3 m/s | IP RATING | IP54 |
| MAX OPERATIONAL WIND | 30 mph · 13 m/s | OPERATING TEMP | -20 °C to 49 °C |
| MAX FLIGHT TIME | 50 min · ~24 min (4 kg) | DEPLOY TIME | < 90 seconds |
| EMPTY WEIGHT | 8.15 kg | FLIGHT MODES | GPS Loiter · Alt Hold · Autonomous |

C COMMAND, CONTROL & SAFETY

| | | | |
|-------------------|--------------------------------|-----------------|-----------------------------------|
| FLIGHT CONTROLLER | Cube Orange (Custom ArduPilot) | GNSS | Dual RTK GNSS |
| RADIO FREQUENCIES | 2.4 GHz ISM · 902-928 MHz | GROUND CONTROL | C-GCS / C-NAV / C-SRoC / HereLink |
| C2 RANGE | 15 km (BVLOS Capable) | FLIGHT TRACKING | ADS-B Receiver |
| VIDEO LINK | 1080p60 / 720p120 (HDMI Out) | TELEMETRY | Real-Time Voltage & Current |
| IMU REDUNDANCY | Triple Redundant IMU | COMPLIANCE | NDA Compliant |

D PAYLOAD INTERFACE

| | | | |
|---------------------|--------------------------------|---------------------|---|
| MOUNT TYPE | Dampened Modular Quick-Release | PAYLOAD POWER OUT | 5 V · 12 V · 24 V · 48 V Regulated |
| MOUNT COMPATIBILITY | Universal Payload Connector | DATA INTERFACE | UART / Ethernet / CAN / GPIO / USB |
| MAX PAYLOAD | 4 kg · 8.8 lbs | COMPATIBLE PAYLOADS | LiDAR · Photogrammetry · Thermal/E0-IR · Custom |
| SWAP TIME | 45 seconds | | |



HARRIS AERIAL

H4C QUAD

H4C · PRODUCT BROCHURE

H4C QUAD.

— CONTACT

WEB

harrisaerial.com

EMAIL

info@harrisaerial.com

PHONE

(407) 725-7886