



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.

4 KG

MAX PAYLOAD

50 MIN

FLIGHT TIME

16 AH

SMART BATTERY

12,000 FT

SERVICE CEILING

UNIVERSAL

PAYLOAD CONNECTOR

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

02 - CONFIGURATION HIGHLIGHTS



| | | | | |
|---|---|--|---|--|
| <p>01</p> <p>4 kg MAX PAYLOAD</p> | <p>02</p> <p>50 min FLIGHT TIME</p> | <p>03</p> <p>16 Ah SMART BATTERY</p> | <p>04</p> <p><90 s DEPLOY TIME</p> | <p>05</p> <p>IP54 WEATHER RATING</p> |
|---|---|--|---|--|

03 - GROUND CONTROL

GROUND CONTROL OPTIONS.

OPTION A • HANDHELD - COMMERCIAL & MILITARY

OPTION B • CONSOLE

| | | |
|---|---|---|
|  |  |  |
| <h2>C-NAVIGATOR</h2> <p>COMMERCIAL</p> <p>RUGGED HANDHELD GCS</p> <ul style="list-style-type: none"> 8" HD Touchscreen Real-Time Video · Low Latency MAVLink Native NDA A Compliant | <h2>C-SROC</h2> <p>MILITARY / DEFENSE</p> <p>SOLDIER ROBOTIC CONTROLLER</p> <ul style="list-style-type: none"> 7" WXGA Glove-Touch MIL-STD-810-H · IP65 Nett Warrior · AES-256 / STIG NDA A 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 NDA A Compliant |

■ ALL STATIONS • MAVLINK NATIVE • NDA A SECTION 848 • MISSION PLANNER / QGC COMPATIBLE

04 - SPECIFICATIONS

TECHNICAL SPECIFICATIONS.

A AIRFRAME & PHYSICAL

| | | | |
|----------------|--|--------------------|---------------------|
| FRAME TYPE | Foldable Quadcopter | EMPTY WEIGHT | 8.15 kg |
| CONSTRUCTION | Aerospace-Grade Injection-Molded Thermoplastic | MAX TAKEOFF WEIGHT | 12.15 kg · 26.8 lbs |
| IP RATING | IP54 (Expected) | OPERATING TEMP | -20 °C to 49 °C |
| UNFOLDED | Prop tip 1,510 mm · H 470 mm | DEPLOY TIME | < 90 seconds |
| FOLDED (L×W×H) | 414 × 380 × 238 mm | ORIGIN | Made in USA |

B FLIGHT PERFORMANCE

| | | | |
|----------------------|--------------------------------------|----------------------|---|
| MAX FLIGHT TIME | 50 min (no payload) · ~24 min (4 kg) | MAX HORIZONTAL SPEED | 23 m/s |
| MAX PAYLOAD | 4 kg · 8.8 lbs | MAX VERTICAL SPEED | 3 m/s |
| SERVICE CEILING AMSL | 12,000 ft · 3,658 m | MAX OPERATIONAL WIND | 30 mph · 13 m/s |
| SERVICE CEILING AGL | 400 ft · 122 m (FAA Limited) | FLIGHT MODES | GPS Loiter · Altitude Hold · Autonomous |

C POWER SYSTEM

| | | | |
|------------------------|--------------------------|-------------------|-------------------------------------|
| BATTERY TYPE | 2× 8,000 mAh 12S HV LiPo | BATTERY CONNECTOR | L01FA12C (Power + CAN Bus) |
| BATTERY CAPACITY | 16,000 mAh (combined) | REDUNDANCY | Parallel 12S · Triple Redundant IMU |
| NOMINAL / PEAK VOLTAGE | 45.6 V / 52.2 V (12S) | GPS | Dual RTK GNSS |
| BATTERY LIFE CYCLE | Up to 300 flights | SAFETY | Voltage & Amperage Monitoring |

D COMMAND, CONTROL & PAYLOAD

| | | | |
|-------------------|-----------------------------------|----------------|---|
| FLIGHT CONTROLLER | Cube Orange+ / Pixhawk Compatible | MOUNT TYPE | Dampened Modular Quick-Release |
| C2 LINK | 900 MHz / 2.4 GHz Selectable | AUX POWER OUT | 48 V · 24/28 V · 12/14 V · 5 V |
| MAX C2 RANGE | 15 km (BVLOS capable) | DATA INTERFACE | Ethernet / UART / CAN / GPIO / HDMI / USB-C |
| VIDEO LINK | 1080p60 / 720p120 (HDMI out) | SWAP TIME | 45 seconds |



HARRIS AERIAL

H4C QUAD

H4C · PRODUCT BROCHURE

H4C QUAD.

— CONTACT

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