



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

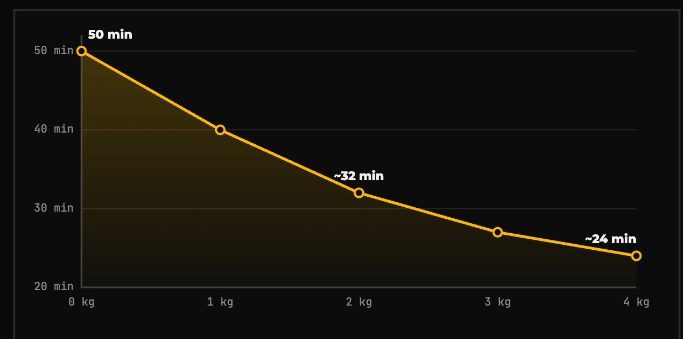
PAYLOAD CONNECTOR

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



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

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 NDAA 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 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

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

FRONTIER PRECISION
UNMANNED

uas@frontierprecision.com
www.frontierprecision.com/unmanned

H4C QUAD.

— CONTACT

WEB

harrisaerial.com

EMAIL

info@harrisaerial.com

PHONE

(407) 725-7886