

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
8.8 lbs

MAX PAYLOAD

50 min

FLIGHT TIME

16,000 mAh

SMART BATTERY

<90 s

DEPLOY TIME

IP54

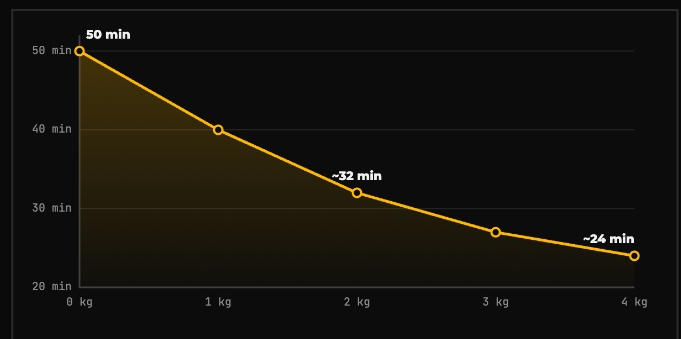
WEATHER RATING

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



C-NAVIGATOR

COMMERCIAL

RUGGED HANDHELD GCS

- 8" Samsung TAB 5
- IP65
- AES-256 / STIG
- NDAA Compliant

C-SROC

MILITARY / DEFENSE

SOLDIER ROBOTIC CONTROLLER

- 8" Samsung TAB 5 Tactical Edition
- MIL-STD-810-H · IP65
- Nett Warrior · AES-256 / STIG
- NDAA Section 848

C-GCS

CONSOLE

PROFESSIONAL MISSION COMMAND

- 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	2× 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 × 380 × 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 · 18 lbs	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	NDAA 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

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