

All-Inclusive HUB UAV System Solutions MTOW from 7kg to 230kg



Extreme
intelligence



Intelligent Security
Control



Support
customization

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HUB-E[®]
HUB ENERGYS TECHNOLOGY



At **HubEnergy Technology Pvt. Ltd.** , we are a pioneering force in the realm of smart energy solutions, Powering the Future: Next-Gen Batteries & Chargers for EVs, Solar, and Beyond. Established in 2018, our mission is to drive sustainable energy through cutting-edge innovations and exceptional products.

We are committed to delivering premium quality and cost-effective energy solutions to help our customers reduce their carbon footprint and embrace a sustainable future. Explore our innovative products and solutions at hubenergys.com or connect with us on LinkedIn to stay updated on our latest advancements and initiatives.

Join us as we reshape the energy landscape and make a positive impact on our planet.

Overseas Sales Department and
Domestic Industry Sales Department



Sales Network



R&D of Products

From the R&D teams of top universities of India, such as Northwestern Polytechnical University and Beihang University.



Flight Academy

A complete training system covers the whole processes from theory to practice.



After Sales Support

Professional engineers guarantee after-sales service.

Smart Drone UAV Product Series



	H800	H500+	H330+	H330MAX	H500E	H380PRO
Endurance	10h	>10h	4.2h	4h	2.5h	2.8h
Payload	50kg	20kg	8kg	8kg	15kg	8kg
Maximum Voyage	1200km	1000km	320km	320km	210km	210km
Power Type	Oil-electric hybrid	Oil-electric hybrid	Electric	Electric	Electric	Electric



Extreme intelligence



Intelligent security control



Support customization



Quick on & off



Full life cycle management



One-click operation

Smart Drone UAV Product Series



	H330PRO	N4	CLOUD IIS	Q280	Manned UFO
Endurance	3.5h	2h	1h	0.5h	15min
Payload	4kg	1.2kg	10kg	100kg	300kg
Maximum Voyage	270km	150km	32km	20km	6km
Power Type	Electric	Electric	Electric	Electric	Electric



Extreme intelligence



Intelligent security control



Support customization



Quick on & off



Full life cycle management



One-click operation

Industry Application



Emergency Rescue



Power Line Patrol



Offshore Patrol



Logistics & Transportation



Pipeline Patrol



Forest Fire Prevention



Geographical Mapping



Anti-Smuggling &
Anti-Drug Trafficking



H800

The Largest Vertical Takeoff and Landing
UAV in India



1200km
Maximum
Range



10h
Maximum
Endurance



100~150km
Operation
Radius



50kg
Maximum
Payload



EO Pod



EO & IR Pod



EO, IR & RFD
Pod

H800

- **Break through the technology. Be leading in India.** H800 is the first HUB UAV with **12h of endurance + 50kg of ultra-high payload** in India.
- **Equipped with 300L of ultra-large mission cabin.** Independent design of mission cabin, enable the volume to 300L and the payload to 50kg.
- **Possess with flexible configuration.** Deployed with visible light camera, infrared thermal imager and laser range finder, to meet various application scenarios.



Break the sites limit

Vertical take-off and landing, easily controlling the special geographical environment, such as mountains, plains, fields and oceans.



Break the efficiency limit

10h super-long endurance + 300L super-large space mission cabin to meet more application requirements, such as long- distance logistics and transportation.



Modular agile design

Modular rapid disassembly and assembly can realize quick operation within 15 min, and can carry customized pods.

Technical Parameter

Overall Size:	8200*3650*1042mm	Operating Temperature:	-20~60°C
Cruise Speed:	100~120km/h	Standard Takeoff Weight:	170kg
Tank Capacity:	50L	Full-load Takeoff Weight:	230kg
Max. Endurance with Full Load:	4.5h@50kg	Max. Payload:	50kg
Max. Endurance with No Load:	10h	Wind Resistance:	For Cruise Mode, Level 6/For HUB, Level 4



H500 +

Ultimate Performance Ultimate Intelligence



1000km
Maximum
Range



>10h
Maximum
Endurance



100km
Operation
Radius



20kg
Maximum
Payload



EO Pod



EO & IR Pod



EO, IR & RFD
Pod

H500+

The H500+ adopts hybrid power, with streamlined high-aspect-ratio wings and wing-body integrated layout, and can achieve 10h of endurance. Meanwhile, the H500+ is equipped with a fully automatic takeoff and vertical takeoff and landing system and can be additionally equipped with a high-precision stable photoelectric platform. The UAV is featured by fully autonomous operation, providing users with more convenient and reliable operations, more flexible application and more simplified operation threshold.



Ultimate Performance

- 10h super-long endurance +20kg maximum payload.
- It adopts highly cambered blade, high lift coefficient, and be suitable for prolonged hanging.

Quick Response

Disassembly and assembly can be completed in 15 min without any tool and multiple mission payload can be customized.

Very Low Threshold

With a fully autonomous operating system, enabling simpler operation.

Technical Parameter

Overall Size:	4940*2560*900mm
Max. Flight Speed:	110km/h
Standard Cruise Speed:	83km/h
Engine:	2 Stroke EFI engine
Endurance:	>10h
Maximum Range:	1000km

Max. Takeoff Weight:	60kg
Standard Payload:	10kg
Maximum Payload:	20kg
Operating Temperature:	-20~60°C
Max. Flight Altitude (Average Altitude):	6000m
Wind Resistance: For Cruise Mode, Level 6/For HUB, Level 4	



H330 +

New Upgrade in 2023, Doubling in Performance



320km
Maximum
Range



4.2h
Maximum
Endurance



50km
Operation
Radius



8kg
Maximum
Payload



EO Pod



EO & IR Pod



EO, IR & RFD
Pod

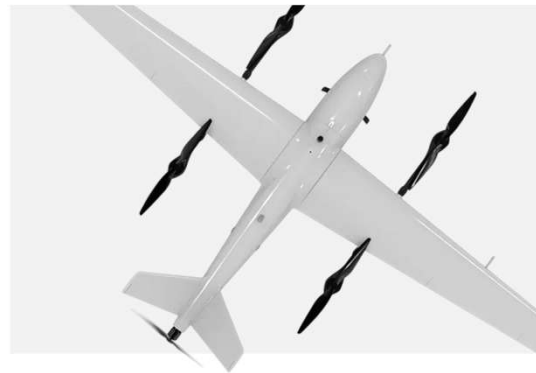
H330+

Since its formal launch and mass production in 2017, H330 product series has gone through many years of market testing and practical application. In 2023, with years of in-depth research and innovation, the H330 Plus will effectively increase its endurance capacity by 67% and load capacity by more than 100% Through improving its power system, flight control system and shape streamline design on the basis of the H330 Pro.



Ultimate Performance

Quick on and off structure, system deployment could be done in 5 minutes.



Quick Response

Unlimited to the takeoff site, practical ceiling up to 6000 meter, could be switched with multiple payloads, maximum endurance up to 4.2 hours.



Very Low Threshold

It can remain stable operation under the conditions of high altitude, high humidity, low temperature and drizzle.

Technical Parameter

Overall Size: 3290*1800*410mm

Cruise Speed: 80~126km/h

Max. Endurance: 4.2h

Max. Flight Altitude (Average Altitude): 6000m

Max. Takeoff Weight: 24kg

Standard Payload: 4kg

Max. Payload: 8kg

Wind Resistance: For Cruise Mode, Level 6/For HUB, Level 4



H330 MAX

Accurate positioning Highlighting the advantages of inspection



320km
Maximum
Range



4h
Maximum
Endurance



50km
Operation
Radius



8kg
Maximum
Payload



EO Pod



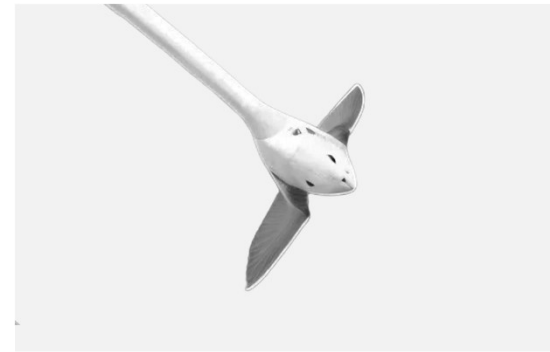
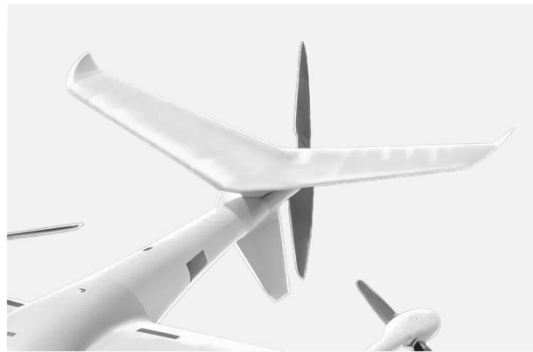
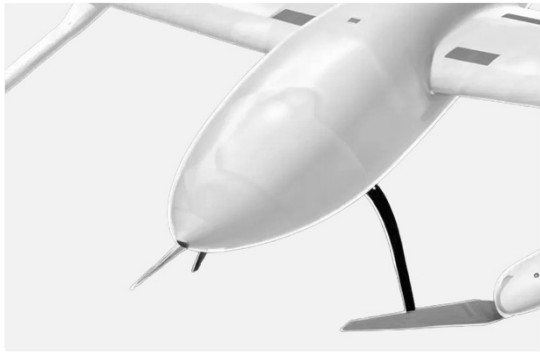
EO & IR Pod



EO, IR & RFD
Pod

H330MAX

The SMD-330MAX is a HUB fixed-wing UAV designed for industrial use. It offers quick deployment, easy transport, and vertical takeoff/landing. Compatible with various mission equipment like EO/IR pods, thermal imaging, and cameras, it handles tasks such as inspection, reconnaissance, search and rescue, and aerial surveys. Suitable for applications like fire prevention, traffic and border inspection, power monitoring, and smart city projects. Customization options available.



Various Load Capacities

- At 24kg max takeoff weight, it's a small UAV, no airworthiness certificate required.
- Strong load capacity, various load types, and superior load performance

Modular

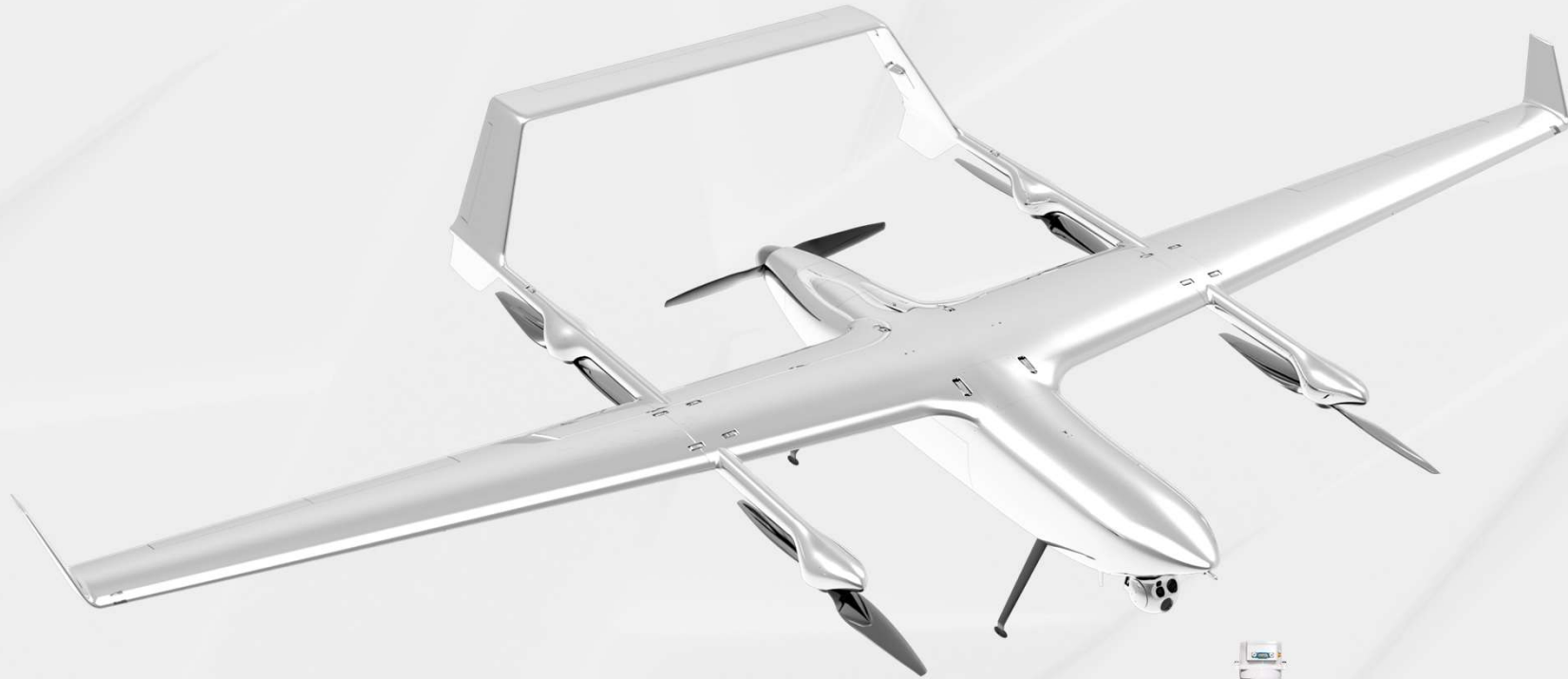
- Modular design, quick disassembly and assembly, easy to use
- Pure electricity, low maintenance cost, low usage cost, low noise, high reliability and stability

Adaptable

- HUB design, low takeoff and landing airspace requirements, strong environmental adaptability
- Extra long flight time, longer flight control distance, faster speed and higher efficiency

Technical Parameter

Overall Size:	3200*1300*190mm	Max. Takeoff Weight:	24kg
Max. Horizontal Flight Speed:	120km/h	Maximum Payload Weight:	8kg (Standard Payload: 3kg)
Mission Cruise Speed:	72km/h	Videolink control distance:	50km
Max. Flight Altitude (Average Altitude):	5000m	Operating Temperature:	-20~55°C
Max. Endurance (With no load):	4h	Hover accuracy:	Vertical + 20cm, Horizontal + 1.5m
Maximum Voyage:	320km	Wind Resistance: HUB: Level 5, Horizontal: level 6, Gust: level 7	



H500E

Extremely Intelligent, Cloud-based, Modular and Systematic



210km
Maximum
Range



2.5h
Maximum
Endurance



50km
Operation
Radius



8kg
Maximum
Payload



EO Pod



EO & IR Pod



EO, IR & RFD
Pod

H500E

H500E adopts pure electric design, and the EFI engine is stable and easy to maintain. H500E is cloud-based, modular and systematic. It has the ability of completely autonomous operation, and can be equipped with high-precision stable photoelectric pod to provide users with more convenient and reliable operation, more flexible application and lower operating threshold.

H500E has been widely applied into many fields including aerial photogrammetry, disaster monitoring and assessment, emergency monitoring, forest fire prevention and urban fire control, and territorial resources survey.



Systematic

The aerodynamic streamline design perfectly fit with the cloud-based flight and data processing platform.

Modular

Assembly and disassembly can be completed in 15 minutes without any tools, and multiple mission payloads can be customized..

Cloud Based

- Fully automatic intelligent takeoff and landing, flight, AI intelligent target identification and tracking.
- It adopts highly cambered blade, high lift coefficient, and be suitable for prolonged hanging.

Technical Parameter

Overall Size:	4940*2560*900mm	Max. Takeoff Weight:	60kg
Max. Flight Speed:	110km/h	Standard Payload:	10kg
Standard Cruise Speed:	83km/h	Maximum Payload:	15kg
Engine:	Brushless Motor	Operating Temperature:	-20~60°C
Endurance:	2.5h	Max. Flight Altitude (Average Altitude):	6000m
Maximum Range:	210km	Wind Resistance: For Cruise Mode, Level 6/For HUB, Level 4	



H380 pro

Extremely Rapid and Agile, Flexible and Windproof



210km
Maximum
Range



2.8h
Maximum
Endurance



50km
Operation
Radius



8kg
Maximum
Payload



EO Pod



EO & IR Pod



EO, IR & RFD
Pod

H380PRO

By integrating the advantages of multi-rotor and fixed-wing UAVs in an innovative way, in combination with the tilt-rotor technology, H380Pro HUB fixed-wing UAV realizes the autonomous switching between multi- rotor and fixed-wing modes, with significantly improved load capacity and endurance. H380Pro is characterized by flexible assembly, convenient operation, large space and payload, and customizable pods.



Extremely Rapid and Agile

Assembly and disassembly can be completed in 15 minutes without any tools, and support customized pods.



Flexible and Windproof

It has multi-power redundancy and multi- sensor redundancy design with safety and efficiency.



Convenient Operation

Multiple payload/range schemes can be implemented to meet the requirements of more scenarios. Large space and large payload. The volume of H380PRO reaches 15L, realizing higher loading requirements.

Technical Parameter

Overall Size: 3800*1550*800mm

Maximum Flight Speed: 110km/h

Standard Cruise Speed: 80km/h

Endurance: 2.8h

Max. Flight Altitude (Average Altitude): 6500m

Max. Takeoff Weight: 25kg

Standard Payload: 5kg

Max. Payload: 8kg

Operating Temperature: -40~60°C

Wind Resistance: For Cruise Mode, Level 6/For HUB, Level 4



H330 pro

The Aerial "Scout" Responds Quickly Aerial Scout
Quick Respond Unique Insight



270km
Maximum
Range



3.5h
Maximum
Endurance



50km
Operation
Radius



4kg
Maximum
Payload



EO Pod



EO & IR Pod



EO, IR & RFD
Pod

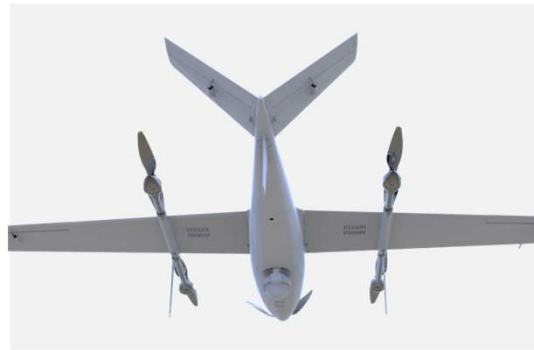
H330PRO

H330PRO, known as the "aerial scout", is a UAV with the main function of aerial surveillance. It adopts modular, rapid dismounting and small lightweight design, which is convenient for users to deploy quickly on site. H330PRO is characterized by fast response, intelligent surveillance, and super-long endurance and so on.



Fast Response

Three-minute on-site rapid assembly realizes small packaging for large aircraft.



Super Endurance

Up to 3.5 hours of flight time.



Intelligent Surveillance

Equipped with a 3-axis spherical pod for 360° rotation, a 30x HD camera, laser rangefinder, infrared camera, and AI target tracking.

Technical Parameter

Overall Size:	3143*1692*411mm	Max. Takeoff Weight:	18.4kg
Maximum Flight Speed:	120km/h	Max. Load Weight:	4kg
Standard Cruise Speed:	70km/h	Body Weight:	9kg
Endurance:	3.5h	Operation Radius:	50km
Max. Flight Altitude (Average Altitude):	4500m	Wind Resistance:	For Cruise Mode, Level 6/For HUB, Level 4



N4

Unique and Flexible, New Era of All-Weather Aerial Survey.



150km
Maximum
Range



2h
Maximum
Endurance



15km
Operation
Radius



1.2kg
Maximum
Payload



10X EO Pod



30X EO Pod



IR Camera

N4

N4 is characterized by small size, portability, multi-purpose, simple assembly, convenient operation and so on. The compact body design enables it to be stored and transported in a small space. It only takes 1 minute to complete the assembly.

The IP45 industrial protection design of N4 enables it to adapt to all kinds of severe weather conditions (moderate rain/light snow), take off and land in a force 6 gale, and carry out patrol inspection on forests, oil fields, highways, border lines and so on, meeting the requirements of all-weather operation.



Compact Body

Assembly can be completed within 1 minute.



Big Power

Multi-power redundancy, multi-sensor redundancy and IP 45 protection make it meet the requirements of all-weather operation.



Flexibility

Multiple payload/range schemes can be implemented to provide users with more choice.

Technical Parameter

Overall Size:	2400*1100*330mm	Max. Takeoff Weight:	7.3kg
Maximum Flight Speed:	110km/h	Max. Ascent Rate	4m/s
Standard Cruise Speed:	70km/h	Max. Descent Rate	5m/s
Endurance:	2h	Work Temperature:	-10~60°C
Max. Flight Altitude (Average Altitude):	4500m	Wind Resistance:	Level 6



Cloud iis

Aerial Generalist, Intelligent New Ecology



32km
Maximum
Range



1h
Maximum
Endurance



15km
Operation
Radius



10kg
Maximum
Payload



EO Pod



EO & IR Pod



EO & IR &
RFD pod



3-in-1 multifunction
module



Loudspeaker
module



Noise dispelling
module



Highlight
module



Multi-throw
module



Gas detection
module



Water collection module



Transmission
module



3KG small cargo
cabin

Cloud IIS

Cloud IIS adheres to the design concept of “more intelligent simpler” upgrades the second-generation intelligent flight control system, and provides a safer and more intelligent flight experience by integrating multiple redundant sensor design. SMD Cloud IIS is characterized by long endurance and large load capacity. In terms of industrial design, it adopts IP56 industrial waterproof protection, which can realize all-weather operation; the power system uses airtight big power brushless motor, which can meet the requirements of ultra-long endurance.



Intelligent Flight

Cloud IIS features 2nd-gen flight control, cm-level RTK/PPK, redundant sensors, integrated GCS software, and IP56 waterproofing.



Intelligent Obstacle Avoidance

Millimeter-wave radar enables smart obstacle avoidance, terrain perception, and safe landing in complex environments.



Endless Intelligence

The new mounting module interface can mount a variety of task modules such as EO pod, EO & IR pod, searchlight, loudspeaker, thrower.

Technical Parameter

Duration:	1h
Climbing Rate:	≥2.9m/h
Channel Rate of Videolink:	≥8Mbps
Protector Level:	IP56
Max. Flight Altitude (Average Altitude):	4500m

Max. Takeoff Weight:	15kg
Max. Load Weight:	10kg
Climbing Rate:	≥5.8m/s
Operating Temperature:	-10~50°C
Wind Resistance:	Level 6



P280

Large Payload Logistics Transport Uav



150km
Maximum
Range



2h
Maximum
Endurance



15km
Operation
Radius



1.2kg
Maximum
Payload

P280

Q280 adopts a six-rotor design. Its most distinct feature is high vertical lift force, with an effective payload up to 100 kg. Q280 is characterized by large payload, fast response, long endurance and high system integration; with flexible and efficient fuselage design, it has sufficient capacity and strong power to secure air logistics.



Delivery in minutes

Q280 can be assembled within one minute, and can be “delivered in minutes” between different cities.

Large load capacity

The “large capacity” of the UAV makes it more convenient to handle goods; the maximum load capacity is 100Kg, so subpackaging is not required for emergency delivery.

Intelligent logistics

Q280 has the advantages of easy maintenance and operation, efficient transportation and low operation cost, and is the best choice for air logistics transportation.

Technical Parameter

Router Quoter Diameter:	4500mm
Flying Speed:	40km/h
Navigation Mode:	GPS + Inertia Guidance
Endurance:	0.5h
Service Life:	5000 Sorties

Max. Takeoff Weight:	280kg
Max. Payload:	100kg
Max. Range:	20km
Operating Temperature:	-20~50°C
Wind Resistance:	For HUB, Level 5 / For Horizontal Flight, Level 6



6km
Maximum
Range



15min
Maximum
Endurance



500kg
Maximum
Payload

Manned UFO

Large Payload Logistics Transport Uav

Manned UFO

The UFO-shaped shell inside the skeleton that complies with engineering mechanics can not only rectify and reduce resistance, protect internal equipment, and provide a safe driving space for personnel, but also plays a key role in improving the aesthetics of the aircraft and giving it a sci-fi visual effect; the bubble-shaped cockpit integrated with the UFO body is also an ingenious feature of the entire design. Manned UFO mainly used in aerial tour and flight entertainment scenarios.

Our Mission: Let manned UFO travels to tourist resorts around the world, let people appreciate the beautiful scenery with God’s vision, and create a new era of aerial entertainment!



High Comfort

Q280 can be assembled within one minute, and can be “delivered in minutes” between different cities.

Features

The “large capacity” of the UAV makes it more convenient to handle goods; the maximum load capacity is 100Kg, so subpackaging is not required for emergency delivery.

Low Cost

eHUB provides smooth, low-noise flight, reducing noise (over 90 dB) from traditional helicopters by controlling propeller tip speed.

Technical Parameter

Diameter:	5000m	Standard Takeoff Weight:	500kg
Passenger Capacity:	2 people (75kg/person)	Body Weight:	350kg
Navigation Method:	GNSS/ Inertial Navigation System/GPS/RTK/Lidar	No-Load Endurance Time:	15min
Materials:	Glass Fiber, Carbon Fiber, Aluminum Alloy, Aviation Laminate, PMI	Full Load Endurance:	10min
Max. Range:	6km	Wind Resistance Level:	Level 5

Ground Controller Station 01 (GCS1)



- Dual-screen LCD design displays images and flight data simultaneously.
- Supports intra-frequency networking and 4G for image connection to the command center.
- Receive real-time 1080P HD video with no mosaic, pause, or frame loss, and excellent color.
- **Physical keys for quick control:** lock, takeoff, route, return, landing, throw, camera, zoom, and pan-tilt.
- **Single screen size:** ≥ 10.4 inches, brightness: ≥ 1000 nits, sunlight readable.
- **Videolink resolution:** 1080P, 1080i, 720P, 576i.
- Multiple data output interfaces (USB×2, HDMI×1).
- **Videolink distance:** ≥10~100km.
- **Operating time:** ≥ 5 hours.

Ground Controller Station 02 (GCS2)

- Dual-screen LCD design displays images and flight data simultaneously.
- Supports intra-frequency networking and 4G for image connection to the command center.
- light weighted and portable, weight only for 8kg.
- **Physical keys for quick control:** lock, takeoff, route, return, landing, throw, camera, zoom, and pan-tilt.
- **Single screen size:** ≥ 13.3 inches, brightness: ≥ 1000 nits, sunlight readable.
- **Videolink resolution:** 1080P, 1080i, 720P, 576i.
- Multiple data output interfaces (USB×4, HDMI×2).
- **Videolink distance:** ≥10km.
- **Operating time:** ≥ 6 hours.





HUBENERGYS TECHNOLOGY PVT. LTD.

Drone batteries & Drone Spares
Manufacturer

HEADQUARTER

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