

YUNEEC



H850

H850



**More safety through the hexacopter design,
great performance, efficiency and stability!**

- carry heavier payloads.
- fly up to 65 minutes depending on the payload and weather conditions.
- dual IMU, compass, barometer, dual RTK antennas
- two smart batteries
- Upward Gimbal
- YCAP-certified drone tag module for remote ID (mandatory in Europe only)

**Even with only five engines running,
you can safely land the H850-RTK.**

Drone weight	5.800g incl. 2 smart batteries
Max. take-off weight	8.800 g
Diameter	850 mm
Max. horizontal speed	20 m/s
Max. flight altitude (MSL)	5000 m
Flight time	65 minutes
Hover accuracy	Horizontal: ± 0.5 m / Vertical: ± 0.5 m
IP	X5
Collision Avoidance	optional
Drone remote identification	LTE + Bluetooth, incl. App and U-Space Ready (optional)

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T-ONE Controller



- 7" Touch-Screen
- 1920x1200 Touchscreen
- 1000 nit Brightness
- 15 km Range Fcc
- 8 km Range Ce
- 8 hours function time
- 10.000 mAh/7.4-Volt Battery
- 40 Mbps Dual-Band
- Dynamic frequency allocation
- IP44 / X4
- Cortex A72&A53 high performance processor
- Android 10
- 32Gb ROM / 4 Gb RAM
- HDMI
- USB-C, USB-3 & USB-2
- Micro SD
- 1.2 kg
- no data exchange

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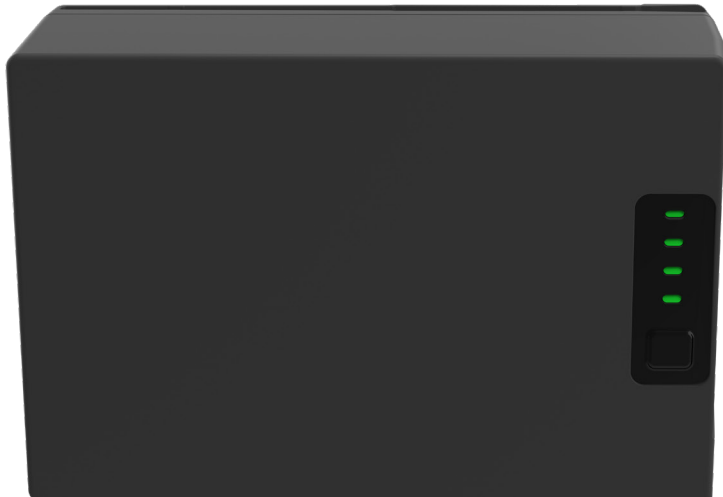
RTK CM Accuracy



- RTK (Real-Time Kinematic) module for high-precision relative positioning: 1cm +1ppm(H); 1.5cm + 1ppm (V)
- Dual RTK antenna for high precision positioning.
The double antennas ensure that one antenna is always transmitting in case one fails
- Cm-level precision even in challenging GNSS environments
- Enables accurate mapping
- 5Hz update rate of position, speed and time
- All data, including GNSS raw data are logged on board – ready for PPK (Post Processed Kinematics)
- Supports signals from up to four GNSS constellations under GPS, GLONASS, Galileo and BeiDou

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H850 Batteries



- | | |
|-------------------------------------|-------------------------|
| • Dimension | 98×58×149 mm |
| • Battery Capacity | 12.800 mAh |
| • Battery power | 295.68 Wh |
| • Standard voltage | 23.1v (3.85v/cell) |
| • Charge Voltage | 26.4v |
| • Battery type | Li-ion |
| • Fast charge | 1C (10 Amp) |
| • Recharge time | 1.5 hours (6 batteries) |
| • max. continuous discharge current | 64A |
| • max. discharge current | 128A |
| • Weight | 1390 grams |
| • Operating temperature | 0° +45° |

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C-Box – Charger Box



- 3.5" colour LCD display
- 1140 watts
- 220/110 volts (input voltage)
- Hardshell design for safe transport and storage
- Easy handling
- Buzzer alarm
- Dimensions (370×270×220mm)
- Foam battery protection
- simultaneous recharge of 4x H850 and 2x T-ONE batteries

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