



NEEDLE- 2500

HANGJIAN TECHNOLOGY

TECHNICAL SPECIFICATIONS

- **Weight (without battery): 950 g**
- **Dimensions (without propellers) (L×W×H): 369 × 313 × 80.5 mm**
- **Dimensions (with propellers) (L×W×H): 578.5 × 528.7 × 80.5 mm**
- **Propeller Size: 1050**
- **Payload: 2.5kg**
- **Input Voltage: 6S (MAX: 36V)**
- **Battery Capacity: 8000 mAh**
- **Battery Weight: 815 g**
- **Max Ascent Speed: 10 m/s**
- **Max Descent Speed: 10 m/s**
- **Max Horizontal Speed (windless): 30 m/s**
- **Max Flight Time: 35 min**
- **Flight Time (payload 2.5kg): 7min**
- **Operating Temperature: 0 ~ 45 °C**
- **GNSS: GPS + Galileo**
- **Operating Frequency: 5.8G**
- **Hovering Accuracy: Horizontal $\pm 1\text{m}$ (with normal GPS operation)**
- **Max Transmission Distance (unobstructed): 6 km**
- **Max Control Distance (unobstructed): 6 km**

PARTNERSHIP & SUPPORT

We welcome opportunities for collaboration and provide comprehensive customer support for our products. For further information, please contact the Hang Jian team.

Email: service@arklab.tw

