

S400E



Multi-machine
Relay Networking



Millimeter Wave Radar
Barrier Avoidance



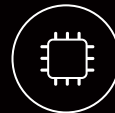
58mins Max
Flight Time



Megapixel
Infrared Camera



Professional
& Powerful



21TOPS Computing
Power Camera



Product Parameter

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|---------------------------------------|--|
| Unfolded dimensions | 549 × 592 × 424mm(propellers excluded) |
| Folded dimensions | 347 × 367 × 424mm(tripod&propellers included) |
| Max take-off weight | 7kg |
| Diagonal wheelbase | 725mm |
| Max loading | 3kg(Max loading, Max safe flight speed 15m/s) |
| Max horizontal flight speed | 23m/s (sport mode, horizontal /no wind) |
| Service ceiling above sea level | 5000m |
| Max wind-resistance speed | 12.5m/s |
| Max flight time | 58mins(no wind/light wind, hovering test battery runs from full capacity to out of capacity) |
| Hovering accuracy(GNSS) | Horizontal:±1.5m(GNSS on) |
| | Vertical: ±0.5m(GNSS on) |
| Hovering accuracy(Vision positioning) | Horizontal:±0.3m(vision positioning on) |
| Hovering accuracy(RTK) | Horizontal:±0.1m(RTK on) |
| | Vertical:±0.1m(RTK on) |
| Positioning accuracy | Vertical:1cm+1ppm |
| | Horizontal:1.5cm+1ppm |
| Ingress protection rating | IP45 |
| Video transmission range | 15km(Flying at an altitude of 200 meters without any interference) |
| Omnidirectional barrier avoidance | Obstacle sensing range(buildings, trees, utility poles, towers over 10m) Front:0.7m~40m (80m max detectable distance for large metal objects) Left&right:0.6m~30m (40m max detectable distance for large metal objects) Up&down&back:0.6m~25m |
| | Work environment: rich texture on the surface, sufficient lighting conditions (>151lux, indoor fluorescent light normal illuminate) |
| AI function | Target inspection, follow, recognition |
| Flight safety | ADS-B function, can sense surrounding civil aviation aircraft information for evasion |