



TRINITY F9



BUY YOUR TRINITY F9
NOW!

SYNERGY
POSITIONING SYSTEMS

quantum
systems

ORDER
NOW

TRINITY F9

PPK

ANTI-COLLISION-LIGHTS

LIVE AIR TRAFFIC

iBASE (PPK BASE STATION)

Trinity F9 represents the next evolutionary step in eVTOL (electric vertical take off and landing) UAVs. Many of the 500+ parts have been reworked to give the customer more performance in all areas with the same footprint - More value for less money guaranteed!

KEY FEATURES

- **Trinity F9**
- **Anti-Collision-Lights**
Our TrinityF9 UAV has integrated flashing anti-collision strobe and position lights.
- **PPK (+Including Base station Quantum iBase)**
Allows you to reduce typical GNSS geotagging errors of several meters down to 2-5 cm via auxiliary GNSS data collection in flight. Better accuracy with dramatically reduced additional costs!
- **Live-Air-Traffic**
Now it is possible to automatically integrate the Live-Air-Traffic-Info into QBase when ping USB is connected. ping USB is the world's smallest, lightest and most affordable USB dual-band ADS-B receiver. pingUSB provides high-quality tracking data for use with software such as Virtual Radar Server and services including ADS-B Exchange.
- **QBase - Ground Control Station**
Mission planning software, runs on any Windows PC/Laptop
 - 3D Planning
 - Resume Mission
 - Corridor Planning
 - Live-Air-Traffic
- **Remote Controller (RC)**
- **Battery Pack + Battery Charger**
- **Lightweight Transport Case**
- **Warranty (1 year)**
- **Technical Support**

TECHNICAL DATA

Max. Take-off Weight	4.5 kg (9.9 lbs)
Max. Flight Time	60 min
Max. Range = Area	70 km = 500 ha
Command and Control Range	up to 2 km (1.24 mi)
Payload (with compartment)	max. 550 g (1.2 lbs)
Optimal Cruise Speed	17 m/s (33 kn)
Wind Resistance (ground wind)	up to 6.5 m/s (12.6 kn)
Wind Resistance (in cruise flight)	up to 12 m/s (23.3 kn)
Temperature Resistance	-12°C to 40°C (10.4°F to 104°F)
Wingspan	2.394 m (7.48 ft)
Transport Case Dimension	1002x830x270 mm (39.4x32.7x10.6 inch)

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For more information contact Synergy Positioning Systems or visit the Synergy Positioning Systems website at www.synergypositioning.co.nz
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