QUANTUM SYSTEMS

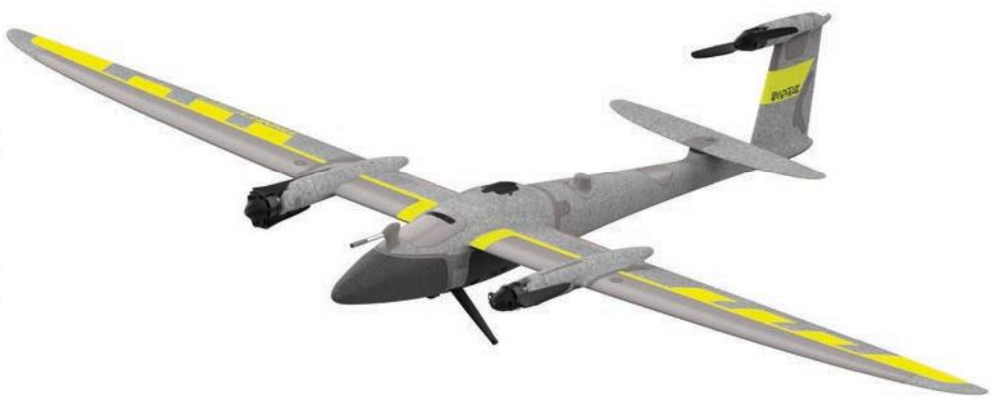
Geosystem

# TRINITY™ PRO

## Designed to evolve

Trinity Pro is the mapping dro
professionals. It features an e
flight time of 90 minutes and e
mission planning software QB

The choice of integrated cam
unrivaled - RGB, Oblique, Mu
and even LiDAR - making it th
for any mapping application.



## Package Content

A **ready-to-fly** Trinity Tactical always includes a GNSS module for GNSS raw data collection in flight, plus the following items:

1. **iBase Reference GNSS Base Station**
   Portable base station to enable high-precision PPK processing
2. **USB ADS-B Receiver Set**
   Integrates Live-Air-Traffic-Info into QBase
3. **Air Data Probe**
4. **QBase 3D Software – Ground Control Station**
   Mission Planning Software, including QBase Modem Longrange 2.4 GHz and cable
5. **Manual Controller**
   Wire-bound controller for manual intervention in critical flight phases or emergency situations

**3 Battery Packs and 1 Charger Unit**

7. **Anemometer**
8. **Lightweight Transport Case**

| | |
|---|---|
| **Max. Take-off Weight** | 5.75 kg (12.7 lbs) |
| **Max. Flight Time** | 90+ min |
| **Max. Range = Area** | 100 km≙700 ha [1] |
| **Maximum Flight Altitude (MSL)** | 5500 m [2] (18045 ft) |
| **Command and Control Range** | 5-7.5 km (3.1-4.7 mi) |
| **Optimal Cruise Speed** | 17 m/s (33 kn) |
| **Wind Tolerance Hover Phase (take-off/landing)** | up to 11 m/s [3] (21.4 kn) |
| **Wind Tolerance Continuous (cruise)** | 14 m/s (27.2 kn) [4] |
| **Wind Tolerance Gusting (cruise)** | 18 m/s (35 kn) [4] |
| **Operating Temperature Range** | -12 °C to 50 °C (10.4 °F to 122 °F) |
| **Wingspan** | 2.394 m (7.85 ft) |
| **Transport Case** | 1002 x 830 x 270 mm (39.4 x 32.7 x 10.6 inch) |

1 Subject to export regulation, may require export permission.
2 Please be aware that the flight time and max. wind tolerance are reduced with increasing flight altitude. Varies based on weather conditions; tested at 15 °C (59 °F). For further details read the user manual chapter 3.1.
3 Please be aware that the max. wind tolerance is reduced with increasing flight altitude.
4 Subject to export regulation. Limited to 12.8 m/s or 25 kn by default.

## Ca



### Sony RX1R II
*Art.: 4260574665517*

CMOS full-frame sensor and fixed focal length lens.
42.4 MP resolution.



### Oblique D2M
*Art.: 4260574665531*

Features five separate lenses and sensors (1 nadir, 4 oblique) at 26 MP each, to capture high resolution RGB imagery.



### Qube 240 LiDAR
*Art.: 4260574665524*

Active LiDAR system with 240,000 points per second. Includes one year of Yellowscan CloudStation software.



### MicaSense RedEdge-P
*Art.: 4260574665562*

Multispectral camera featuring five spectral bands (red, green, blue, red-edge and near infrared) and a panchromatic sensor. Calibration panel DLS2 not included.



### MicaSense Altum-PT
*Art.: 4260574665555*

Multispectral camera featuring five high resolution spectral bands (red, green, blue, red-edge and near infrared), a panchromatic sensor and a thermal infrared sensor. Calibration panel DLS2 not included.

## System S upplements



### DLSII Kit (Plug & Play)
for enhanced light calibration
*Art.: 4260574665739*

Mandatory for MicaSense camera to achieve optimal results.

### Calibrated Reflectance Panel (CRP)
*Art.: 4260574660758*

Mandatory for MicaSense cameras to achieve optimal results.

### Trinity Pro DLSII Mount Kit
*Art.: 4260574665746*

## Software

### CloudStation Core
*Art.: 4260574663322*

Special version for Qube 240 annual license (2nd and following years)

### CloudStation Core
*Art.: 4260574665395*

Special version upgrade to perpetual license including 1 year software maintenance.

### CloudStation Strip Adjustment Module
Annual license *Art.: 4260574663056*

### CloudStation Strip Adjustment Module
Upgrade to perpetual license *Art.: 4260574665401*

### CloudStation Terrain Module
Annual license *Art.: 4260574663353*

### CloudStation Terrain Module
Upgrade to perpetual license *Art.: 4260574665418*

### Applanix POSPac UAV
Annual subscription *Art.: 4260574663063*

### Applanix POSPac UAV
Perpetual license, with one year maintenance *Art.: 4260574663070*

### Applanix POSPac UAV
1-year subscription for software maintenance *Art.: 4260574663797*

### CloudStation Colorization from Orthophoto Module
Annual subscription *Art.: 4260574664992*

### CloudStation Colorization from Orthophoto Module
Perpetual license *Art.: 4260574665487*

### CloudStation Colorization
Upgrade to perpetual license *Art.: 4260574665494*

### CloudStation
1-year software maintenance for perpetual bundle (Core, Strip, Terrain, Colorization) *Art.: 4260574664992*

### Post-processed Trimble CenterPoint RTX
Subscription (6 months) *Art.: 4260574664909*

### Post-processed Trimble CenterPoint RTX
Subscription (12 months) *Art.: 4260574664916*

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