

# Emotion 3 With Rtk Ppk Gns Receiver Configuration

## [PDF] Emotion 3 With Rtk Ppk Gns Receiver Configuration

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### Emotion 3 With Rtk Ppk

#### **Emotion 3 With Rtk Ppk Gns Receiver Configuration**

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#### **Emotion 3 With Rtk Ppk Gns Receiver Configuration**

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#### **Technische Spezifikationen**

Mit eMotion 3! eMotion 3 ist senseFlys Drohnenflug- und Daten-management-Software der nächsten Generation Sie bietet: Flugplanung in Missionsblöcken und 3D, effiziente Mehrflugmissionen, Unterstützung zahlreicher Kameras, Cloud-Anbindung uvm Dank der integrierten RTK/PPK-Funktionalität bietet eBee Plus hohe Präzision on Demand (HPoD)

#### **senseFly to Unveil new RTK/PPK-Ready, Large Coverage ...**

system's achievable horizontal/vertical absolute accuracy to 3 cm/5 cm without the need for ground control points—dramatically reducing expensive, time-consuming field work Every eBee Plus will be supplied with four FREE weeks of RTK/PPK activation, activated on demand when the customer chooses Highly efficient

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### **Aerial efficiency, photogrammetric accuracy**

Includes eMotion 3! eMotion 3 is senseFly's next-generation drone flight & data management software It includes: mission block flight planning, efficient multi-flight missions, a full 3D control environment, multiple payload support, cloud connectivity & more... \* select cameras may only support RTK standalone mode

### **3 reasons to choose the eBee Plus**

Includes eMotion 3! eMotion 3 is senseFly's next-generation drone flight & data management software It includes: mission block flight planning, efficient multi-flight missions, a full 3D control environment, multiple payload support, cloud connectivity & more... The eBee Plus features High Precision on Demand (HPoD) thanks to its built-in RTK/

### **UAV DIRECT GEOREFERENCING APPROACH IN AN EMERGENCY ...**

23 PPK data processing The PPK post-processing was carried out using the eMotion drone's flight management software (version 350) by SenseFly, which automatically handles the georeferencing and the preparation of the images required for the subsequent step The process carried out by the software is fully automatic, but a

### **Comparing workflow and point cloud outputs of the Trimble ...**

On the question of whether a RTK/PPK-only flight could achieve the same absolute accuracy as a flight tied to GCPs, this was proven to be possible For the point clouds where GCPs were used, the average offset of the flights was a few centimeters better than the flight flown with onboard RTK but without GCPs Standard deviation was the same

### **Sensefly eBee RTK Cheat Sheet - UNSW Research**

Sensefly eBee RTK Cheat Sheet - Draft Version2 - 18/02/2015 5 Then ensure the following settings are entered: Survey type - RTK or RTK & logging if you wish to post-process GNSS data Broadcast Format - RTCM RTK 30 Elevation Mask - 10° Antenna - As appropriate to the base station you are using

### **BY MATT WADE - LIDAR Magazine**

Fly's eMotion 3 flight planning software A closer look at the point cloud of the new road construction project, from senseFly Corridor aerial imagery The eBee Plus features High Precision on Demand (HPoD) thanks to its built-in RTK/PPK functionality It's survey-grade accuracy you control, without the need for ground control points

### **3 razloga za izbor eBee Plus - Livona d.o.o**

Nije potrebno (RTK/PPK aktivno), opciono (RTK/PPK neaktivno) Lansiranje iz ruke (bez katapulte) Da REZULTATI Uobičajena pokrivenost terena jednim letom3 na 120 m 2,2 km2 Maksimalna pokrivenost terena jednim letom4 40 km2 Maksimalna rezolucija na tlu do 1 cm/piksel Apsolutna X,Y,Z tačnost (RTK/PPK aktivno ili sa orijentacionim tačkama) do 3

### **eBee X - FEDES**

(HPoD) RTK/PPK for absolute accuracy of down to 3 cm (12 in) senseFly GeoBase Enable simple RTK/PPK workflows with senseFly's optional GeoBase plug-and-play GNSS receiver (I FLHQW 3UHFLVH MEET EVERY PROJECT'S REQUIREMENTS The eBee X can meet the exacting

requirements of every project Its unique Endurance Extension unlocks a maximum flight time of 90 ...

### **Improvement in aerial images resolution, why and how**

same HW and SW (eMotion 3) •3rd closest: 38 km RTK direct, RTK FDM, PPK-VRS, PPK-CORS Computation in FDM: 641 geotags RTK VRS PPK VRS PPK 7 km PPK 27 km PPK 38 km good 639 618 614 546 283 average 0 0 3 66 328 poor 0 15 16 21 22 not tagged 2 8 8 8 8 total 641 641 641 641 641 •Good means better or equal to 5 cm in horizontal / 75 cm in vertical -Can be used with high level of ...

### **Technical specifications - Spatial Technologies**

Technical specifications HARDWARE Wingspan 110 cm (433 in) Weight 11 kg (24 lb) Motor Low-noise, brushless, electric Radio link range 3 km nominal (up to 1 8 km) / ...

### **Eficienta aeriana,**

Autonom (RTK/PPK inactiv) PPK (colectare date brute cu dubla frecventa) RTK (corectii RTCM 2/3) Fara statie de baza sau statie virtuala de referinta Statie de baza (pozitie cunoscuta/ necunoscuta) Statie virtuala de referinta Inalta1 (cu puncte de control) Inalta1 (post-procesare) Inalta1 (in timp real) Trecerea de la RTK la PPK disponibila

### **eBee SQ Merit Technologies Sdn Bhd**

Flight planning & control software (supplied) EMotion Ag Image processing software (optional) Pix4Dag OPERATION Ground sampling distance Down to 4 cm (15 in)/pixel (multispectral) Absolute X, Y, Z accuracy (RTK/PPK activated) - Absolute horizontal/vertical accuracy (w/GCPs) Down to 8 cm (31 in) / 12 cm (47 in) (multispectral)