**Tersus** UAV PPK solution includes BX316R PPK Receiver, AX3705 Helix Antenna and Tersus GeoPix Software. BX316R PPK Receiver supports multi-constellations and dual-frequencies. It has in-built 4GB memory (eMMC) for GNSS observation data recoding. Very small and light

**Tersus** GEO solution dramatically reduces time and cost. It can significantly reduce ground control points (GCPs) or even eliminate the demand for GCPs. There is no need of real-time RTK correction in this solution. Tersus PPK solution combines forward and backward filter during post processing and it can provide more reliable positioning and higher fixing rate.

**WHY use Tersus PPK solution for UAV photogrammetry**

**Tersus** PPK solution dramatically reduces time and cost. It can significantly reduce ground control points (GCPs) or even eliminate the demand for GCPs. There is no need of real-time RTK correction in this solution. Tersus PPK solution combines forward and backward filter during post processing and it can provide more reliable positioning and higher fixing rate.

**Features of Tersus GeoPix**

- Simple software interface and simple workflow
- Automatic processing GNSS data and geotagging images by one button click
- Shows the result in trajectory plot and the images on online map
- Provides PPK result in both EXIF and text file
- The result can be directly used by image processing software, i.e., Pix4D, Agrisoft, etc.
- Supports Base Station data from CORS or other brands GNSS Receiver, i.e., RTCM3 and RINEX format
**UAV PPK Solution Item List**

- BX316R PPK Receiver with cables of power supply, event mark and serial port
- AX3705 Helix Antenna
- Tersus GeoPix Software
- Hot Shoe adaptor
- Tersus GNSS Base Station Receiver (Optional)

**Tersus GeoPix**

- Base data
- Working directory
- Rover data
- Height offset
- Coordinates for Event Mark
- Input Base position
- Time information of the pictures captured
- Picture display and picture coordinates information
- Picture location on Map
Tersus GNSS Inc.

Affordable Centimeter Precision for Everyone

Tersus is a leading GNSS RTK solution provider. Our engineers have been pioneers in the design of GNSS products to support high-precision positioning applications.

Our products include GNSS RTK & PPK OEM boards and receivers, as well as integrated solutions such as the David GNSS Receiver, NeoRTK, MatrixRTK, GNSS-aided Inertial Navigation System, and AutoSteer System.

Designed for easy and rapid integration, our GNSS solutions offer centimeter-level positioning accuracy and flexible interfaces for a variety of applications including: unmanned aerial vehicle (UAVs), surveying, mapping, construction engineering, and precision agriculture.

To learn more, visit www.tersus-gnss.com
Sales inquiry: sales@tersus-gnss.com
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