



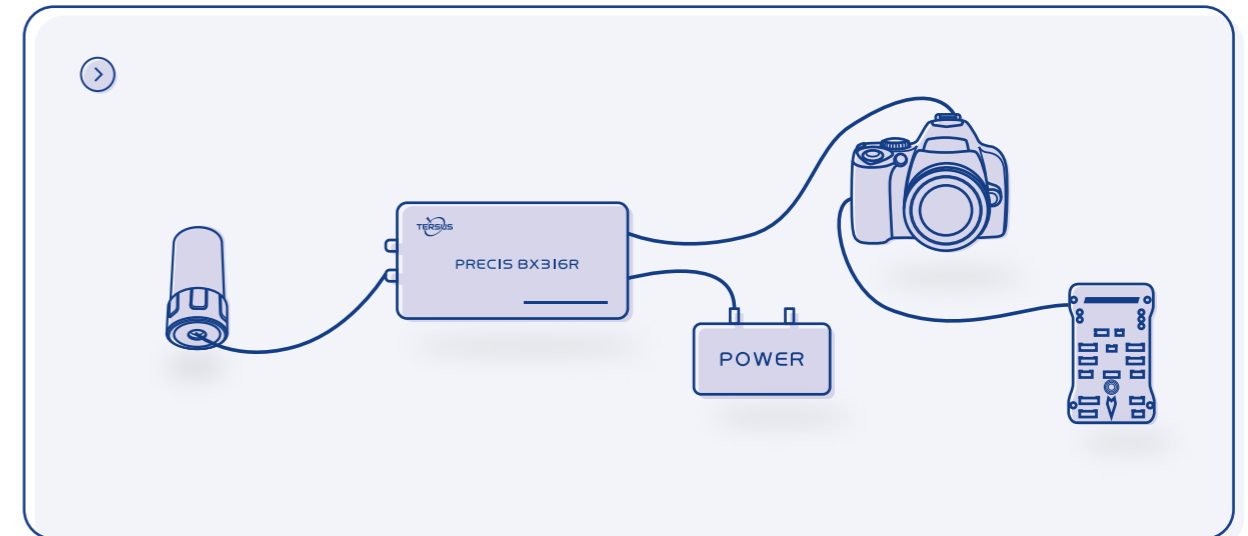
# TERSUS

## UAV PPK Solution



**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 4G memory for GNSS observation data recording. Very small and light AX3705 Helix Antenna is designed for

UAV applications. Tersus GeoPix integrates the functions of GNSS observation post processing, Event Mark interpolation and geotagging in EXIF. By clicking one button after input all necessary data, the software will provide the result directly as input for image processing software.



### 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 this solution. Tersus PPK solution combines forward and backward filter during post processing and it can provide more reliable positioning and higher fixing rate.

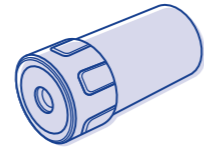
### Features of Tersus GeoPix

- 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, Agridsoft, etc.
- Supports Base Station data from CORS or other brands GNSS Receiver, i.e., RTCM3 and RINEX format

## UAV PPK Solution Item List



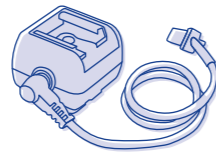
- > BX316R PPK Receiver with cables of power supply, event mark and serial port



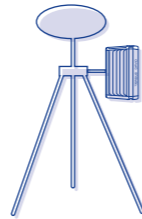
- > AX3705 Helix Antenna



- > Tersus GeoPix Software

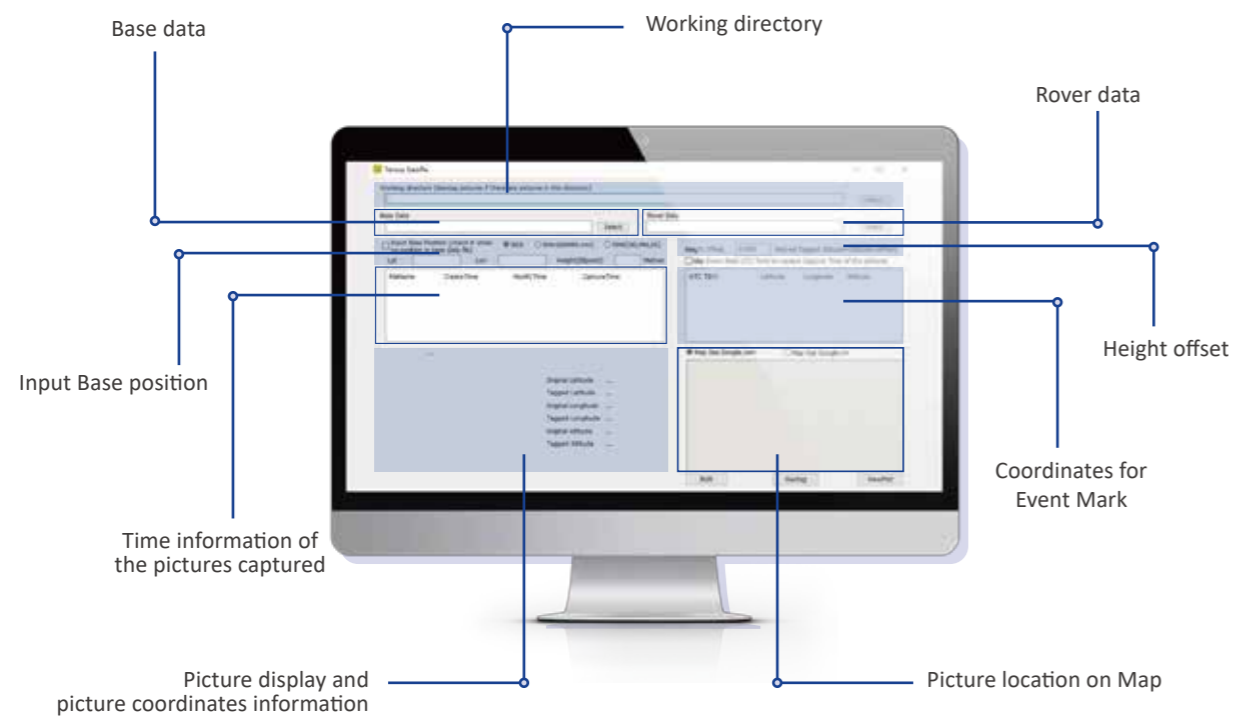


- > Hot Shoe adaptor



- > Tersus GNSS Base Station Receiver (Optional)

## Tersus GeoPix



## Tersus GNSS Inc.

Global Accuracy Easier

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, Oscar Receiver, MatrixRTK, and GNSS-aided Inertial Navigation 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](http://www.tersus-gnss.com)  
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 Technical support: [support@tersus-gnss.com](mailto:support@tersus-gnss.com)

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