

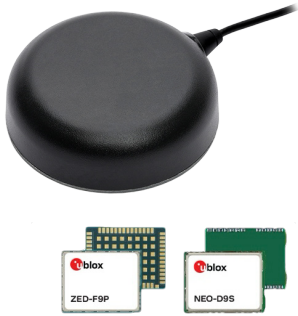
## 🎯 TW5794 Precise Heading SDK

You want to know exactly where your drone or robot is, and where it is going, without second-guessing your design.

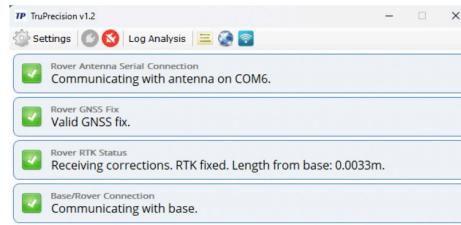
**Calian's TW5394/5794 Smart GNSS Precise Heading Antenna is the Plug and Play solution to Precise Heading for Robotics.**

The TW5794 Precise Heading SDK is the best way to get started. It includes a TW5794 Smart GNSS Precise Heading Antenna with USB to connect into your PC. TruPrecision software simplifies the User Interface to the antenna's GNSS receiver, and provides extras such as logging tools, GNSS signal strength graphs and tools for sharing RTCM between base and rover antenna pairs across the internet. It also includes a 60 day complementary access to ublox' PointPerfect® GNSS Augmentation Service, with an easy process for quickly applying the corrections to your SDK antenna.

# Calian TW5794 Precise Heading SDK



TW5794 Smart GNSS Antenna



TruPrecision Software



**PointPerfect**  
GNSS augmentation service

60 Days Complementary  
PointPerfect GNSS  
Augmentation Service

## 🔗 TW5794 Precise Heading SDK includes:

- 1x Tallysman TW5794 Smart GNSS Precise Heading antenna with USB or RS-232 (see below ordering information)
- 1x 23-0067-14: ten cm ground plane
- Tallymatics TruPrecision Application for Software Development and Verification
- 60-day trial subscription to the PointPerfect augmentation service

### Ordering Information:

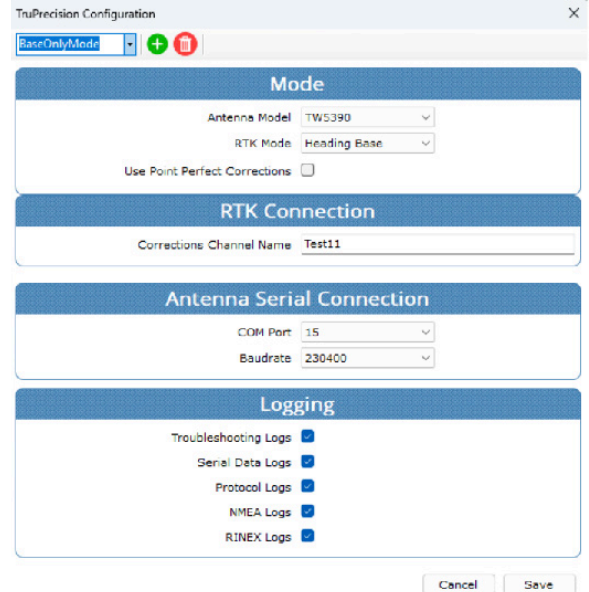
- 33-TP5794SDK-1 (33-5794-19-10-0S - USB);
- 33-TP5794SDK-2 (33-5794-29-10-05 - RS-232 + Serial to USB Converter)

The TruPrecision SDK application is a Windows service which provides an autonomous connection to stream PointPerfect IP corrections and decryption keys to the TW5794 Smart Antenna via the the USB, which also provides a Virtual COM Port to allow customers to connect their existing applications to the Tallysman TW5794 Smart GNSS Precise Heading Antenna high precision "corrected" position data output. The position data may be either NMEA or UBX formatted messages. ROS2® Drivers are available to integration with ROS2 open framework projects.

# ROS 2™

ROS2® Drivers

<https://github.com/Calian-gnss/calian-gnss-ROS2-drivers>



### About Calian

We keep the world moving forward. Calian® helps people communicate, innovate, learn and lead safe and healthy lives. Every day, our employees live our values of customer commitment, integrity, innovation and teamwork to engineer reliable solutions that solve complex problems. That's Confidence. Engineered. A stable and growing 40-year company, we are headquartered in Ottawa with offices and projects spanning North American, European and international markets. Visit [calian.com](http://calian.com) to learn about innovative healthcare, communications, learning and cybersecurity solutions.

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[33-TP5794SDK-2](#)