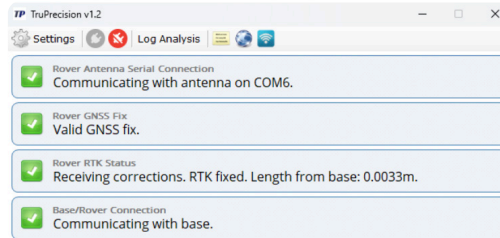# ⊙ TW5794 Smart GNSS Antenna SDK

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

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

The TW5794 Smart GNSS antenna 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 complimentary access to u-blox's PointPerfect GNSS Augmentation Service, with an easy process for quickly applying the corrections to your SDK antenna.

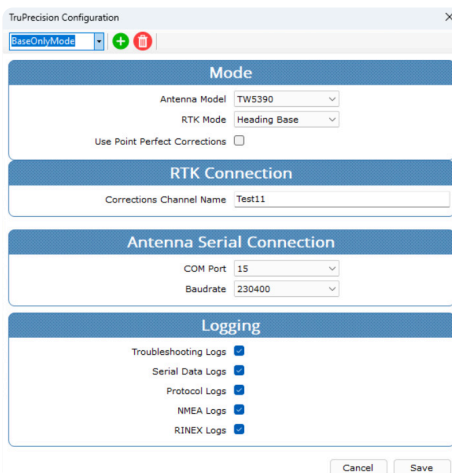tallysman.com

TW5794 Smart GNSS Antenna

TruPrecision Software

60 Days Complementary PointPerfect GNSS Augmentation Service

⌖ TW5794 SDK includes:

- Tallysman TW5794 Smart GNSS Precise Heading antenna with USB
- Tallysman TruPrecision Application for Software Development and Verification
- 60–day trial subscription to the PointPerfect augmentation service
- Ordering Information: 33–5794SDK-1 TW5794 SDK

The TruPrecison SDK application provides an autonomous connection to stream PointPerfect IP corrections and decryption keys to a TW5794 Smart Antenna via a USB connection, 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 integrate with ROS2® open framework projects.

ROS2® drivers

ublox Design Partner

ROS2® is a registered trademark of Open Robotics (https://openrobotics.org)

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About Tallysman

With global headquarters and manufacturing in Ottawa, Canada, Tallysman is a leading manufacturer of high-precision antennas and components for Global Navigation Satellite System (GNSS) applications. Tallysman's mission is to support the needs of a new generation of positioning systems by delivering unprecedented antenna precision at competitive prices. Learn more at www.tallysman.com

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