

📍 TW5790 High-Precision Smart GNSS Antenna with L-Band PPP-RTK SDK

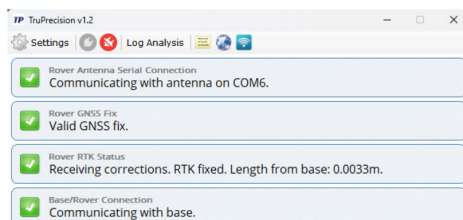
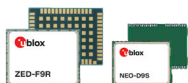
Calian's High Precision Tallysman **Smart GNSS antennas** integrate advanced receivers with High Precision Tallysman GNSS antennas, connecting Position, Navigation and Timing resources to host systems over digital interfaces.

Calian Smart GNSS SDK's are a plug and play evaluation platform for Calian's Smart Antennas, with tools such as: TruPrecision Software, short term complementary augmentation subscription services and simple connection to a PC.

The TW5790SDK supports the TW5790 High Precision GNSS Smart Antenna with L-Band PPP-RTK. It features:

- MQTT client for PointPerfect PPP-RTK Corrections over LBand or terrestrial network (<6cm accuracy)
- NTRIP client for RTK Rover Configurations (<cm accuracy)
- NMEA monitoring, satellite visibility and signal strength, GNSS status monitoring, Inertial Measurement Unit monitoring and logging tools, with visual state heat-map
- Status console to pinpoint issues between antenna, connections and network corrections

Calian TW5790 High Precision Smart GNSS Antenna with L-Band SDK



PointPerfect
GNSS augmentation service

**60 Days Complementary PointPerfect
GNSS Augmentation Service**

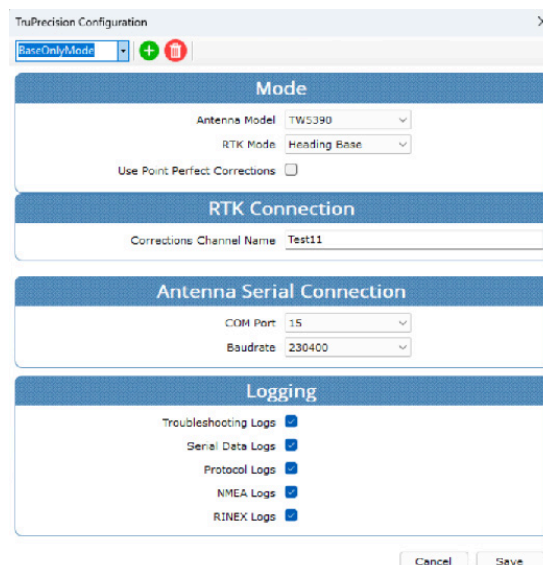
TW5790 Smart GNSS Antenna

TruPrecision Software

TW5790 SDK ordering:

- **33-TP5790-1** includes:
- Calian 33-5790-19-10-0S-PC0 Dual Frequency Precision Smart Antenna/Receiver with L-Band receiver
- 1x23-0067-14: 10 cm ground plane
- Calian TruPrecision Application for PointPerfect IP correction streaming
- 60 day trial subscription to the PointPerfect augmentation service

The TruPrecision SDK application is a Windows service which provides an autonomous connection to stream PointPerfect IP corrections and decryption keys to the TW5790 Smart Antenna, which also provides a Virtual COM Port to allow customers to connect their existing applications to the Calian Tallysman Smart GNSS Antenna high precision “corrected” position data output. The position data may be either NMEA or UBX formatted messages.



About Calian

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info.gnss@calian.com | +1 613 591-3131 

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