TP5794SDK

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◉ TW5794 Smart GNSS Antenna | High-Precision | Moving Base Precise Heading | u-blox ZED-F9P + NEO-D9S | L-Band PPP-RTK

Overview

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

Calian SDK's are a plug-and-play evaluation platform for our Smart Antennas with tools such as: TruPrecision Software, complimentary augmentation subscription services and USB bridge devices, as required, for plug and play operation.

Features:

- MQTT client for PointPerfect Flex PPP-RTK Corrections over L-Band or terrestrial network (sub 6 cm accuracy).
- NTRIP client for RTK Base/Rover Configurations (cm-level accuracy).
- NMEA monitoring, satellite visibility and signal strength, GNSS status monitoring and logging tools with visual state
- heat-map.
- Status console to pinpoint issues between antenna, corrections and network connections.
- Limited trials for subscription services.
- ROS2® drivers also available (click logo on page 2).

Complimentary trials of:
- u-Blox PointPerfect Flex PPP-RTK Service (60 days).
- Swift Navigation Skylark Cx Precision Positioning Service (6 months).
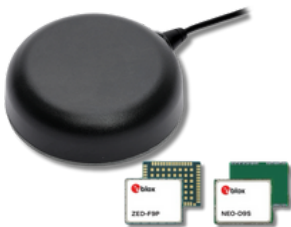- Point One Navigation Polaris RTK (1 year free service).

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TP5794 Smart GNSS Antenna for Precise Positioning and Heading SDK
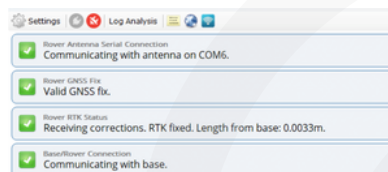
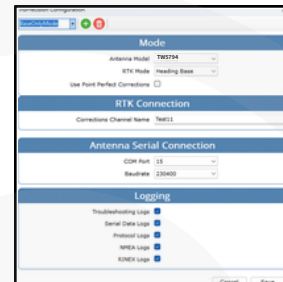### ◉ TP5794SDK
What's Included:

The Calian TruPrecision SDK is a Windows application which provides an autonomous connection to stream corrections and decryption keys to the TW5794 Smart Antenna via a USB, which also provides a Virtual COM Port to allow customers to connect their existing applications to the Calian Smart GNSS Precise Heading Antenna high precision "corrected" position data output. The position data may be either NMEA or UBX formatted messages.

TW5794 Smart GNSS
Antenna

TruPrecision
Software

TruPrecision Software
Configuration

TP5794SDK includes:
- Calian TW5794 Smart GNSS Precise Heading antenna
- Calian 1 x 23-0067-14: ten cm ground plane
- Calian USB Serial Bridge (see ordering information)
- Calian TruPrecision Application for correction streaming
- Complimentary corrections services trials (see feature list on page one)

Ordering Information:
- **33-TP5794SDK-1**: (USB)(33-5794-19-10-OS)
- **33-TP5794SDK-2**: (RS-232)(33-5794-29-10-05-PC0 + 33-0095-16)

PointPerfect Flex
GNSS correction service

swift NAVIGATION point⟨1⟩one
Complimentary Corrections Trials

ublox
Design Partner
Receivers

⋮⋮⋮ROS2™
ROS2® Drivers
(Click logo)