

PNP-3000 GPS Tracking Device

Ideal use-case for this device: Light-Duty Vehicles



The Plug-N-Play tracking device connects directly into a vehicle's OBD-II port (no installation required) and comes equipped with a buzzer for real-time in-cab alerts for rapid acceleration, harsh braking, hard right and left turning events, and idling. This device optionally reports engine diagnostics.

Key Features

- DTC notifications
- High sensitivity GPS (-162 dBm)
- OBD-II connector and interface
- Built-in cellular and GPS antenna
- Voltage monitoring and low battery notification
- Packet data (CDMA 1xRTT, GPRS, and HSPA) and SMS-based messaging
- 3-axis accelerometer for harsh braking, cornering, and acceleration reporting options

Options

- Backup battery available
- Real-time in-cab driver notifications
- OBD-II bypass cable for concealed connection

PNP-3000 Specifications

GPS

Location Technology	GPS
Receiver Type	50 channels (with SBAS)
Tracking Sensitivity	-162 dBm
Acquisition Sensitivity	-148 dBm
Location Accuracy	2.0m
AGPS capable	

CELLULAR

Data Support	UDP, TCP/IP and SMS packet data
Operating Bands	MHz
GSM/GPRS	850/900/1800/1900
CDMA/1xRTT	850/1800
HSPA/UMTS	800(VI)/850(V)/900(VII)/ 1700(IV)/1900(II)/2100(I)
HSPA Data Rates	5.6 Mbps upload 7.2 Mbps download
HSPA Fallback	EDGE/GPRS/GSM quad band

CERTIFICATIONS

Fully certified FCC, CE, IC, PTCRB, Applicable Carriers

ENVIRONMENTAL

Temperature	-30° to +75° C (connected to primary power) -40° to +85° C (storage)
Humidity	95%R.H. at 50° C non-condensing
Shock and Vibration	SAE J1455
EMC/EMI	SAE J1113; FCC-Part 15B; Industry Canada
RoHS Compliant	

ELECTRICAL

Operating Voltage	9-16 VDC Vehicle Systems
Power Consumption	4.9 mA at 13 VDC (sleep) 114 mA at 13 VDC (continuous tracking)

PHYSICAL

Dimensions	1.5" x 2.5" x 0.98" (43 x 64 x 25 mm)
Weight	0.11 lbs (52 g)

MOUNTING

Built-in OBD-II connector
Self-adhesive mounting with OBD-II bypass cable