# ATrack  AK11

PAK11-LXNCB-AT02



## FEATURES & BENEFITS

- 4G LTE connectivity
- ELD-ready hardware
- Wi-Fi hotspot
- OBDII and JBUS compatibility
- Plug and play installation

## ATrack AK11 Tracking Device

The ATrack AK11 is a telematics device that is designed to manage your fleet. Built with both GPS and CAN bus technology, monitor your asset's location and vehicle diagnostics with ease.

## ELD LOG Ready

The AK11 has the technology in place to pull your vehicle's engine hours, odometer, speed, and more. Then, pass that information into your automatically generated ELD logs in our Field Warrior® app.

## Monitor Your Vehicle's Engine Data

The AK11 plugs into your vehicle's OBDII, J1708, or J1939 ports and monitor your vehicle's engine data such as engine hours, maintenance codes, fuel levels, and more.

## GPS Tracking

Stay updated on your resources' location as the ATrack AK11 monitors your assets with our proprietary smart reporting interval. Receive GPS reports once every minute, once every mile, and once every 30-degree turn while connected to a power supply*.

*Custom reporting intervals available.

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## SPECIFICATIONS

PAK11-LXNCB-AT02

## CELLULAR DATA

| | |
|---|---|
| AT&T / T-Moble (AK11-LX) | LTE FDD Cat. 1, B2, B4, B5, B12, WCDMA B2, B5 |
| Verizon (AK11-LX) | LTE FDD Cat. 1, B2, B4, B5 |
| Sprint (AK11-LS) | LTE FDD Cat. 1, B21, B3, B5, B8, B28 |

## GPS

| | |
|---|---|
| Receiver Type | 72 channel engine |
| Location Technology | GPS & GLONASS |
| Antenna | Internal (Optional External Antenna) |

## INPUTS / OUTPUTS

| | |
|---|---|
| BUS Protocols | ISO 15765, ISO 14230, ISO 9141-2, SAE J1850, SAE J1939/ J1587 / J1708 |
| Digital Inputs | Up to 8 (Configurable) |
| Digital Outputs | Up to 5 (Configurable), Max. sink current 300mA |
| Analog Inputs | Up to 3 (Configurable), DC 0~5V, DC 0~ 40V |
| 1-Wire® Interface | 1 (Driver ID, Temperature Sensors) |
| LED Indicators | 5 LED (Power, GPS, Cellular, Wi-Fi, BT) |
| Bluetooth | Bluetooth BLE 4.1 |
| Wi-Fi | 2.4GHz IEEE 802.11B/g/n AP Mode, Max Data Rate DL: 3Mbps UL: 1.5Mbps |

## ELECTRICAL

| | |
|---|---|
| Operating Voltage | 11V – 30V |
| Current Consumption | 45-180mA @ 12V - Operating, 1.4mA @12V – Deep Sleep |
| Backup Battery | 3.7V 920mAh |
| Internal Flash Memory | 64 Megabit |
| Accelerometer | 3-axis ±16g |

## ENVIRONMENT

| | |
|---|---|
| Operating Temperature | -40°F to 158°F without battery (-40°C to 70°C) |
| | -4°F to 140°F with battery (-20°C to 60°C) |
| Humidity | 95%RH @ 122°F non-condensing |

## CONNECTORS

| | |
|---|---|
| SIM Card Socket | Mini-SIM(2FF) |
| External GPS | SMA |
| Vehicle BUS Interface | Molex 12 Pin Connector, Optional Wire Harness for OBD-II |

## PHYSICAL

| | |
|---|---|
| Dimensions | 5.9 in X 3.8 in X 1.1 in (152 mm X 98 mm X 30 mm) |
| Weight | .50 lbs. (229g) |
| Enclosure | Flame Retardant ABS+PC |