



ATrack AX11

PAX11-MXNSB-ATA2



FEATURES & BENEFITS

- 4G LTE connectivity
- OBDII and JBUS compatability
- Plug and play installation
- Minute, mile, and 30° turn tracking

ATrack AX11 Tracking Device

The ATrack AX11 is a GPS tracking unit that features an OBDII and J1939 installation. Perfect for monitoring your fleet's vehicles, the onboard AX11 not only reports the location of your assets but can also report on your vehicle's diagnostics.

GPS Tracking

Stay updated on your resources' location as the ATrack AX11 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*.

Vehicle Diagnostics

Monitor your fleet's vehicle diagnostics with the AX11 as it plugs directly into your vehicle's OBDII port and pulls information such as your vehicle's fuel levels, odometer, engine hours, and so much more.

Additional Accessories

Available accessories allow you to support additional features such as 1-Wire temperature sensor, SOS panic button, or an RFID chip reader.

*Custom reporting intervals available.



ATrack AX11

SPECIFICATIONS

PAX11-MXNSB-ATA2

CELLULAR DATA

| | |
|---------------------------|------------------------------|
| AX11-MX (AT&T / T-Mobile) | LTE FDD Cat. M1, B2, B4, B12 |
| Antenna | Embedded Cellular Antenna |

GPS

| | |
|-------------------------|--------------------------|
| Receiver Type | 99 Channel Engine |
| Location Technology | GPS & GLONASS |
| SBAS Support | WAAS, EGNOS, GAGAN, MASA |
| Tracking Sensitivity | -167dBm |
| Acquisition Sensitivity | -149dBm |
| Location Accuracy | 2.5m CEP 50% |
| Antenna | Internal |

INPUTS / OUTPUTS

| | |
|-----------------------------|--|
| Vehicle BUS Protocols | ISO 15765-4 (CAN), ISO 14230-4 (KWP2000), ISO 9141-2, SAE J1850 VPW SAE J1850 PWM, SAE J1939, SAE J1587/J1708, OEM CAN Data |
| Serial Interface (Optional) | RS232 |
| 1-Wire Interface (Optional) | 1 (Driver) |
| LED Indicators | 3 LEDs (Power, Cellular, GPS) |
| Digital Inputs (Optional) | 1 |
| Bluetooth | Bluetooth Low Energy v4.2 Class 2 |

SENSORS

| | |
|---------------|----------------------|
| Accelerometer | 3-axis $\pm 16g$ |
| Gyroscope | 3-axis $\pm 2000dps$ |

ELECTRICAL

| | |
|-----------------------|--|
| Operating Voltage | 11V - 30V |
| Current Consumption | Operating: 60-300mA @ 12V, Deep Sleep: 1.7mA @ 12V |
| Internal Flash Memory | 64 Megabit |

ENVIRONMENT

| | |
|-----------------------|--|
| Operating Temperature | -40 to 158°F (without battery), -4 to 140°F (with battery) |
| Humidity | 95%RH @ 122°F non-condensing |
| Vibration/Shock | MIL-STD-810G, SAE J1455 |

CONNECTORS

| | |
|-----------------------|---|
| Vehicle BUS Interface | SAE J1962 Type B Connector, 6Pin/9Pin Connector |
| SIM Card Socket | Internal NanoSIM (4FF) |

PHYSICAL

| | |
|-----------|---|
| Dimension | 3.31" x 2.05" x 0.98" (84 mm x 52 mm x 25 mm) |
| Weight | 0.17 lbs. (80g) |
| Enclosure | Flame Retardant ABS+PC |