

AV3000 NX

The Next Generation of Telematics



AV3000 NX is our 5th Generation of Telematics Products, based on 10 years of experience and thousands of units deployed in the field. The AV3000 NX goes far beyond the basic Telematics requirements and provides a truly versatile solution to Fleet Managers with reliable and rugged, easy to install unit and graphical back-end reporting tool.

Rexroth Bosch Group



AV3000 NX communicates with specialty vehicles like salt spreaders and vehicles with Rexroth Compuserve Controllers providing real time data.

AV3000 NX can integrate with Garmin GPS devices to assist dispatch by providing drivers with realtime location maps. Optional two way communication through Garmin touch screen interface is also available.

GARMIN



AV3000 NX Features

Built-in Interfaces for:

- CAN, OBDII, J1939 and K-Line
- Garmin GPS for downloading directions
- Bosch Rexroth for salt & sand spreading

Real Time vehicle diagnostics

Geo-fencing - polygon

Accurate retrieval of VIN, Odometer and Fuel Usage from Engine Data

Built-in GPS and Cellular Antenna

GSM or CDMA Modem

Option for Dual Mode External Antenna

High Resolution GPS Receiver

Tamper Detection

Covert install - under dash mount

Over the air upgrade capability

Stores up to 1 week's data when out of cellular coverage

AV3000 NX

Graphical Reporting Tools

Idling:

Get real time information about your fleet idling statistics. Get insight into your driver's idling habits on a monthly, daily or trip basis. Compare your drivers performance in terms of total Idling and Idling as percentage of engine run time.

Fleet Utilization:

Optimize your Fleet size with real time Fleet Utilization data. See how many vehicles were utilized and at what time. Find out the most utilized vehicles in your Fleet.

After Hours Usage:

Minimize vehicle misuse with detailed after hours fleet usage reports.

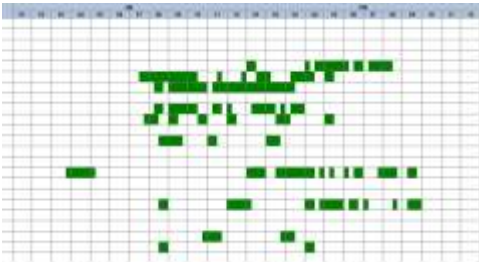
Stop & Go:

Get first hand information on driving behaviour. Look at each trip start and end point location and time.



Fleet Utilization Report	
Vehicle Available:	23 Vehicles
Vehicle Utilized:	10 Vehicles

Vehicle	Idle Time	Run Time	% Idle	Idle time comparison vs Total time
2003 E350 ECONOLINE	30:47:21	12:02:43	57.33%	
2006 F-350 SUPER	34:25:07	19:28:49	65.33%	
2005 E-430 SD	11:40:25	18:52:48	41.54%	
2009 Express 2500	19:32:54	26:44:34	48.52%	
2006 E-430 SD	27:33:04	32:21:32	58.21%	



AV3000 NX Specifications

Operating Temperature Range: -20°C to +55°

Storage Temperature: -40°C to +85°C

Input Voltage: 9 to 16 Vdc

Current Draw - operational mode: 150mA

Current Draw - sleep mode: <5mA

Dimensions: 10.5cm x 9.0cm x 3.0cm

(4.1" x 3.5" x 1.2")

Weight: 170 grams (6.0 oz)