



4200 networkfleet™

Networkfleet's® award winning wireless fleet management product line is designed to enable fleet managers to connect with any aspect of their vehicle operations. The 4200 provides unparalleled 24/7 visibility into fleet assets, enabling fleet managers to easily locate vehicles in real-time and view specific vehicle data such as current location, mileage, and speed — increasing customer response time and reducing operating costs. Designed by Networkfleet's team of experienced engineers, this low cost, GPS-only device is engineered to meet the technical, operational, and financial specifications of fleet managers and the telematics industry.

The 4200 is a universal solution, compatible on all light, medium, and heavy vehicles. It consists of an in-vehicle unit and a web-based software application, all of which communicate on the AT&T Wireless GPRS data network, the largest digital voice and data coverage in America. This product integrates a robust wireless communication system and a GPS receiver into a single, small enclosure the size of a PDA.

The 4200 features a new and environmentally sound exterior allowing the device to withstand harsh environments. The device also has positive retention connectors, tamper evident capabilities, a discrete antenna, and a Cinterion TC63i wireless module.

Features and Benefits:

- **Nationwide Coverage by AT&T Wireless:** Advanced 12-channel GPS receiver and terrestrial-based GPRS wireless communications allow for location accuracy and broad coverage.
- **Automotive Grade:** The 4200 device does not sacrifice quality for price. Like all Networkfleet products, the 4200 is built with automotive grade components designed for environmental and automotive robustness.
- **SAE J1455 Compliant:** Hermetically sealed and designed to comply with this environmental standard, the 4200 is airtight to allow for maximum functionality in extreme environmental conditions.
- **Durable Construction:** On the 4200, metal facets and a ribbed design along the bottom enhance its rigidity and longevity.
- **Made in the US:** Designed by Networkfleet's experienced telematics engineers and manufactured in the US.



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Physical Specifications

Size	2.51" W x .89" H x 6.15" L (63.8mm x 22.6mm x 156.2mm)
Weight	6.29 oz (178.4 g)

General Specifications

Input Voltage	+8 to +30 VDC
Power Consumption	
Normal Operating Mode	30 mA (typ) @ 14V
Sleep Mode	13 mA (typ) @ 12V
Fault Protection	Reversed battery, over-voltage, loss-of-ground
Fuse	Internal 2.2 A trip point, self-resetting
Auxiliary/Debug Interface	115200 baud serial (TTL levels)

Environmental Specifications

Temperature	
Operating	-20 C to +70 C
Non-Operating	-30 C to +85 C
Humidity	5% to 95% RH

Wireless Specifications

Wireless	Internal Cinterion Wireless Module TC63i Modem GSM 850/900/1800/1900 MHz
Regulatory Approvals	FCC, Industry Canada

GPS Specifications

Receiver	L1 Frequency (1575.42 MHz), 12 channel, continuous tracking receiver
Accuracy	Horizontal (< 5 meters @ 90%)
Acquisition	Cold Start < 38 sec. @ -130dBm Warm Start < 35 sec. @ -130dBm Hot Start < 8 sec. @ -130dBm
Antenna	1.35" W x 0.65" H x 4.8" L (34.29mm x 16.51mm x 121.92mm) External (active)

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