

## Highlights

Dimensions	■ 205 mm (L) x 135 mm (H) x 40 mm (D)
Weight	■ 700 g (without options)
Enclosure	■ Lightweight injection molded plastic
Processor	■ Intel® 80C186
Memory	■ 512 kB battery-backed up RAM, 512kB flash memory, 2 kB EEPROM
Display	■ 240 x 64 pixel graphical LCD, 4 LED's for icon labels
Keyboard	■ Numeric keypad, 5 function keys, 4 cursor keys
Magnetic Card Reader	■ Integrated swipe
Interfaces	■ 2 RS-232C ports, 3 digital inputs and 3 digital outputs
Electrical Requirements	■ Input Voltage: 13.8VDC (10 – 17VDC range)
Environmental	■ Operating Temperature: -20°C to +70°C Storage Temperature: -40°C to +80°C Relative Humidity: 5% to 80% (non-condensing)
EMC (Electromagnetic Compatibility)	■ FCC Part 15B Class A; e-Mark per EMC directive 95/54/EC
ADD-ON OPTIONS	
Flash Memory	■ Internal 32 MB flash memory for data storage
GPS	■ Internal GPS receiver with external antenna
Radio Modem	■ 4800 bps / 9600 bps Private Mobile Radio
Cellular Public Data Modem	■ GSM/GPRS or CDMA modems



**The Most Powerful  
Mobile Data Terminal  
In Its Class**

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## Vector 530™

Designed to meet the needs of today's dispatching and transport businesses, the Vector 530™ is an affordable and easy to use mobile data terminal designed for text oriented display.

The Vector 530™ has been designed to provide dependable usage with a high contrast white LCD, reliable key pad and integrated wireless processing.

Customers can seamlessly and transparently update the application software wirelessly by leveraging the optional over-the-air download feature available for private mobile radio. This unique capability lowers ongoing maintenance costs because customers no longer have to bring in their vehicles for servicing each time a new version of software is released.

## Expandable Solution

The Vector 530™ can be used to control available external peripherals, such as the SmartPrint™ mobile printer, or other devices with an RS-232 serial port interface. The Vector 530™'s digital inputs can be used for such purposes as reading the status of an emergency panic button or a door switch.

Digital Wireless offers an optional Software Development Kit (SDK), which includes all the libraries and device drivers needed to access Vector 530™'s features. Digital Wireless can also develop client applications to specification.



## Wireless Network Support

Flexibility in wireless modules ensures that the Vector 530™ has the option of supporting private or public networks. For private radio networks, the Vector 530™ uses a high performance built-in Digital Signal Processor (DSP) that provides data rates of up to 9600bps over private mobile radio. For cellular public data networks, the Vector 530™ interfaces with GSM/GPRS or CDMA modems.

## Magnetic Card Reader

The internal magnetic card reader supports all major credit cards and can be integrated with other software applications to offer immediate, accurate credit verification. Customized account cards can also be read, tracked and verified for transactions from personal and company accounts.

## GPS Receiver

An internal GPS receiver with an external antenna enables vehicle tracking. The GPS receiver captures vehicle locations in real time and can be integrated with other software applications to streamline routing and scheduling.



## Graphical Display

The Vector 530™ has a bright, high-contrast LCD that is highly readable in any lighting condition. The 240 x 64 pixel graphical display can display characters in different font scripts and sizes, making the Vector 530™ ideal for future development to support different international languages. The context-sensitive user interface utilizes on-screen labels for the five programmable function keys and icons for application status information, making the Vector 530™ very easy to use.

## Flash Memory

With the optional on-board flash memory, an additional 32 MB of data can be saved on the Vector 530™ mobile data terminal. For example, this memory can be used to receive over-the-air download files.

