

Vector800™

The compact and efficient **Vector-800™** is a modern touchscreen color display mobile data terminal with powerful GPS capabilities designed for affordable cost of ownership in growing fleets.



Premium User Experience

- Highly integrated compactness
- Color touch 4.3" widescreen with bright display
- Low-drift 5-wire resistive touchscreen
- Internal or external speakers
- Quality, ruggedized industrial-grade design

Tracking & Navigation

- 20 channel satellite GPS
- AVL tracking data
- 2D & 3D mapping (optional)
- Optional Turn-by-turn with voice navigation

Wireless Networking

- Cellular data modem (PDN)
- Reliable dual network access
- Wireless network gateway (WiNG & NetMan optional)
- Private Mobile Radio (PMR) modem

In-Vehicle Connectivity

- Multiple serial (RS232)
- USB host and client
- Multiple digital input and output
- Compact Flash port
- External speaker port
- Integrated magnetic swipe head

Solution Ready

- Windows embedded CR application integration
- .NET Compact Framework
- Compact flashcard data storage
- OTA firmware upgrade
- Software Development Kit (SDK) - available
- Evaluation Kit - available

Vector-800™ Specifications

Dimensions	5.5" L x 4.0" H x 1.3" D (140mm L x 102mm H x 33mm D)
Processor	ARM 266 MHz
Operating System	Linux
Display	4.3" widescreen 480x272 color LCD 400 nits brightness 5-wire resistive touchscreen
Programmable Fixed Keys	5 fixed function keys, Rear facing power button
Magnetic Card Reader	Integrated swipe track 1 and 2, ISO 7810 format
Memory	Internal 512MB Flash, 128MB RAM
Interface Ports	3 serial (RS232) 1 USB digital I/O (5 In and 2 Out)
GPS	High sensitivity 20 channels, SiRFstar III receiver, SMA antenna connection
Wireless	Private Mobile Radio (PMR) modem Cellular Public Data Network (PDN) modem - GSM: EDGE, GPRS - CDMA: 1xRTT
Electrical Requirements	Nominal 12V DC, Current less than 2A
Environmental	Operating: -10° to 60° C Storage: -20° to 80° C
Humidity	5 - 90% non-condensing
EMC (Electromagnetic Compatibility)	FCC Part 15B Class A, Europe CE-mark



**DIGITAL
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DW Digital Wireless Inc. is dedicated to developing and marketing a wide range of in-vehicle mobile data terminals, peripheral devices and wireless communications infrastructure products to create indigenous solutions

Digital Wireless markets its products as an OEM supplier to systems integrators, solution providers as well as directly to customers.

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