O'NEIL ®

The Most Reliable Portable Printers®

VMP™ Vehicle Mount Printer™ (Symbol®-compatible)

VMP™

The VMP Series of vehicle-mounted impact printers delivers serial or wireless connectivity for maximum productivity and efficiency in route accounting and direct store delivery (DSD) operations. Powered by a vehicle's 12-volt system, the rugged design of the VMP includes a steel printer frame and multiple mounting options to withstand the toughest road conditions.

A communications vehicle cradle can be connected to both the serial and wireless versions of the VMP Series printers enabling full size, 80-column, 4-part delivery receipts, load receipts and invoices to be downloaded and printed for customers on the spot.

Route Accounting & Direct Store Delivery. Provide wireless printing in the field over an 802.11b wireless local area network (WLAN) or Bluetooth® wireless personal area network (WPAN) for maximum productivity throughout the day.

• Drivers can print invoices remotely while picking product or walking to the truck.

• Balance end-of-day trip summaries, transmit summaries wirelessly and eliminate settlement room congestion.

Flexible Options Meet In-Vehicle Printing Needs. The VMP Series empowers you to choose the functionality that best meets your IT networking needs and budget constraints. With its built-in serial interface to the cradle and a speed of 180 characters per second, VMP 1000 offers a competitive and cost-effective in-vehicle printing solution. VMP 2000 with WLAN or WPAN connectivity and a print speed of 270 characters per second provides the optimum solution for time-sensitive or data-intensive applications.

Mission-Critical, Global Mobility Solutions. The VMP Series speaks your language, any language. To ensure that VMP printers meet your language needs today and tomorrow, any international character set can be added.

Rugged and Reliable. With uncompromising standards, the VMP is engineered throughout to withstand even the most punishing portable applications. It can take all the bumps and knocks inherent in the mobile workplace. Its rock solid print mechanism has been proven to provide years of service where other printers fail. The full one year warranty, even on the printhead, offers peace of mind with our proven promise to stand behind every product we sell.

"When you're serving the public in any way, your company's reputation is at stake with the printing of every receipt. Consequently, having your equipment fall out of service is simply unacceptable."

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▶ Wireless Bluetooth® or 802.11b

The VMP offers either 802.11b or Bluetooth wireless options. Our WLAN solution incorporates a user installable Cisco® PC card (PCMCIA) or factory installed Symbol Spectrum24® PC card (PCMCIA), which connects the VMP to a wireless network in ad hoc peer-to-peer or in infrastructure mode, and complies with the IEEE 802.11b interoperability standards for direct sequence wireless LANs. When the printer is configured with the integrated Bluetooth module, users can realize all of the convenience, power efficiencies and cost benefits of the WPAN.

Standard Features at a Glance

- Optional cradle support for hand-held computers provides on the spot printing of reports, invoices and receipts.
- Rugged, steel printer frame and vibration isolation bracket for maximum performance in the toughest conditions.
- Easy-to-load/unload paper reduces driver training and enhances reliability.
- Runs off a vehicle's 12-volt power system and requires no expensive voltage adapters.
- Easily mounts wherever needed – from bulkhead/wall to the dashboard/console.
- Programmable sleep mode to extend vehicle battery life.
- Printer fonts and operating system stored in Flash memory so the printer can be upgraded right in the office.

VMP

Specification Highlights VMP™ Vehicle Mount Printer™ (Symbol®-compatible)

Physical Characteristics	VMP™ 1000	VMP™ 2000, Radio Ready	VMP™ 2000, Bluetooth®	VMP™ 2000, 802.11b
Dimensions	15.75" x 4.75" x 4.0625" (40 x 12.06 x 10.31 cm)	15.75" x 4.75" x 4.0625" (40 x 12.06 x 10.31 cm)	15.75" x 4.75" x 4.0625" (40 x 12.06 x 10.31 cm)	15.75" x 4.75" x 4.0625" (40 x 12.06 x 10.31 cm)
Weight (printer only)	112.64 oz (3.193 kg)	115.7 oz (3.280 kg)	114.7 oz (3.252 kg)	116.6 oz (3.306 kg)

User Environment

Operating Temperature	**VMP 1000:** -13° F to 140° F (-25° C to 60° C) **VMP 2000:** -4° F to 122° F (-20° C to 50° C)
Storage Temperature	-40° F to 158° F (-40° C to 70° C)
Relative Humidity	10% to 90% non-condensing
ESD Protection	8 kV Air, 4 kV Contact

Communications

Serial	**VMP 1000:** RS-232, up to 38.4k baud with built-in serial cable to standard cradles **VMP 2000:** RS-232, up to 115.2k baud with built-in serial cable to standard cradles
Wireless LAN	Cisco® Aironet® 350 Series PC Card (PCMCIA) Symbol® Spectrum24® LA 4121 (PCMCIA)
Frequency Band	2.4 to 2.4897 GHz
Data Rates Supported	1, 2, 5.5 and 11 Mbps
Network Standard	IEEE 802.11b
Network Architecture Types	Infrastructure and ad hoc
Wireless Medium	Direct Sequence Spread Spectrum (DSSS)
Authentication	Open or Shared Key
Encryption	None, 40 bit, 128 bit WEP
DHCP	Supported
DNS	Supported
Wireless PAN	Integrated Bluetooth module
Network Environment	Ad hoc or piconet network environments
Protocol	Supports version 1.1 and 1.2 of the Bluetooth standard (SIG certified)

Print Technology

Printhead	9 pin impact
Printhead Life	100 million dots
Print Speed	**VMP 1000:** 180 characters per second **VMP 2000:** 270 characters per second
Ribbon Cartridge	2,000,000 characters

Media

Type	3" width minimum to 8.5" x 11"/A4 maximum
Number of copies	Original + 3 copies

Fonts & Languages

Memory Capacity	Flash/RAM Memory **VMP 1000:** 4/1 Mbit Flash/RAM Memory **VMP 2000:** 8/4 Mbit
Standard Fonts	10 CPI Pica/Elite & 12 CPI Pica/Elite (additional fonts available)
International Characters	Arab-T, Arab-S, Arab-E, Cyrillic (Cy110 & CY210), Greek (GRDOS & GRWIN), Hebrew (HB110, HB210, HB310) & Latin (additional international characters available)
Graphics	Supports transient "print once" graphics

Agency Approvals

FCC B, CE, C-Tick, E-Mark

Warranty

1 year (including printer case and printhead*)

Options / Accessories

- Cradle Bracket for Dash-Mount
- Dash-Mount Bracket
- Fuse Box Power Cable Kit
- Paper Tray
- Power Adapter Cable
- Power Extension Kit
- Ribbon
- Vibration Bracket Kit (Horizontal/Wall-Mount)

*When used with approved ribbon.

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