O'NEIL®

The Most Reliable Portable Printers®

A DOVER COMPANY

The OC   The O'Neil Compact Serial & Wireless Portable Thermal Printer

OC3

O'Neil Product Development is pleased to announce the world's most streamlined, light weight, and ergonomic family of portable label and receipt printers: the O'Neil Compact™ – the OC™. Designed especially for those labeling and transaction applications where ergonomic considerations, ultimate portability, and smart looks are paramount, the OC is ideal for a wide variety of mission-critical applications.

The OC3, the thermal portable printer model that prints label and receipt media up to 3 inches wide, has been designed to meet the continually expanding requirements associated with retail, hospitality, transportation, and field sales and services applications. The advanced features standard with the OC3 offer extreme adaptability to meet the unique and industry specific portable printing requirements demanded in today's evolving business environment. These features include wireless local area network or wireless personal area networking capabilities; high print quality, Flash memory, intelligent power management, and font and language flexibility.

Retail. The OC3 is ideal for printing price and markdown labels and for printing shelf labels via wireless LAN. Use the OC3 for mobile point-of sale and line/queue-busting where it can print receipts and take payments with its integrated magnetic stripe and smart card reader. And because of its sleek styling and good looks, the OC3 is at home in any retail environment.

Hospitality. Let the OC3 eliminate long lines and improve your customer service with mobile check-in and check-out. In the restaurant environment, the OC3 is perfect for order-taking at tableside. The integrated magnetic stripe and smart card reader allows you to quickly take payment and issue receipts on the spot.

Healthcare. With the OC3, healthcare facilities and pharmacies can print labels for medications, patient charting, and specimen identification.

Law Enforcement. The OC3 is ideal for citation issuance to replace manual tickets.

Distribution and Transportation. The OC3 can print bar code labels for pallets and deliveries. Create and issue boarding passes for passenger check-in. During in-flight meal service and shopping, let the OC take payment and issue receipts.

Field Sales and Service. Improve efficiency and customer service with the OC3's mobile receipt printing and transaction processing capabilities.
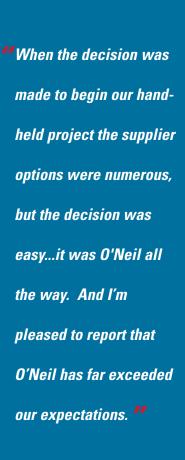
Outstanding Print Quality. The OC3's reliable print mechanism offers outstanding print clarity, allowing the printing of graphics, bar codes and logos. The full two-year warranty, even on the printhead, offers peace of mind with our promise to stand behind every product we sell.

Wireless Printing. When wireless is a necessity, count on O'Neil to offer the most reliable solution. Our integrated 802.11b/g wireless local area network (WLAN) module connects the OC3 to your wireless network. Our Bluetooth® module offers the convenience of a wireless personal area network (WPAN), eliminating the need for mobile workers to return to their vehicle to print receipts or tickets. O'Neil was the first portable printer manufacturer to incorporate the Bluetooth protocol in Flash memory, eliminating the need for costly software and hardware upgrades whenever the wireless specification changes.

Power to Spare. The OC3's Lithium-Ion batteries offer maximum power capacity for a full 10+ hour shift, even under the toughest conditions. It can print as many as 1,050 – 6" receipts, on a single battery charge. Its automatic "sleep" mode saves power and the fast 3.5/4.5-hour recharging time, along with optional vehicle charger, provides an ideal solution for long and intense printing applications.

Flash Memory. As business changes, so might your printer needs. We pioneered the use of Flash memory many years ago allowing you to change fonts and functions simply by connecting the printer to a computer. There is no need to return the printer for an upgrade.

We Speak Your Language. Any Language. O'Neil has eliminated the font and character limitations found in other printers. In cooperation with Bitstream® fonts, any international character set can be added to the OC3 with a one-time minimal setup fee.

> "When the decision was made to begin our hand-held project the supplier options were numerous, but the decision was easy...it was O'Neil all the way. And I'm pleased to report that O'Neil has far exceeded our expectations."
>
> Matthew McGary
> *Chicago Tribune*

▶ Wireless Bluetooth® or 802.11b/g

Our WLAN solution incorporates an embedded 802.11b/g module which connects the OC printer to a wireless network in peer-to-peer mode or in infrastructure mode and complies with the IEEE 802.11b/g 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.

▶ 2-Year Standard Warranty

O'Neil offers the industry's only two-year standard warranty - twice that of the competition. In an industry where standard warranties offer only one year or less of coverage, O'Neil's two-year warranty not only doubles your protection but also drastically reduces your total cost of ownership.

Standard Features at a Glance

- Optional wireless local area network (WLAN) or wireless personal area network (WPAN) networking technologies.
- Comes with the industry's only standard two-year warranty - twice that of the competition!
- Supports a wide variety of hand-held computers from leading manufacturers.
- Accommodates variable media (1" to 3").
- Exceptional print quality (203 dpi resolution).
- Advanced 32-bit architecture RISC processor for light-speed processing.
- Fonts, graphics and operating system in Flash memory.
- Supports international character sets and any Bitstream® bitmap font.
- Supports the printing of graphics, 1D and 2D bar codes and signature capture.
- Intelligent power management and programmable sleep mode for extended battery life.
- Charging options include a low cost AC adapter or 12V vehicle cigarette lighter adapter.
- Swivel belt belt clip included; optional Magnetic Stripe and Smart Card Reader.

OC3

Specification Highlights OC3 Serial & Wireless Portable Thermal Printer

Physical Characteristics

Dimensions	6.44" x 4.906" x 2.75" (15.48 x 12.46 x 6.99 cm)
Weight	1.25 lbs. (0.567kg) - printer & card readers only

User Environment

Operating Temperature	-4° F to 122° F (-20° C to 50° C)
Storage Temperature	-40° F to 158° F (-40° C to 70° C)
Charging Temperature	41° F to 104° F (5° C to 40° C)
Relative Humidity	10% to 90% non-condensing
ESD Protection	15 kV Air, 8 kV contact

Communications

Serial	RS-232
Wireless LAN	Integrated 802.11b/g module
Frequency Band	2.4 to 2.4897 GHz
Data Rates Supported	Standard 802.11b/g rates
Network Standard	IEEE 802.11b/g
Network Architecture Types	Infrastructure and ad hoc
Wireless Medium	Direct Sequence Spread Spectrum (DSSS)
Authentication	Open or Shared key
Encryption	40 bit, 128 bit WEP, WPA, WPA2, WPA-PSK, WPA-TKIP, LEAP, PEAP & others
EAP Types	EAP-TLS, EAP-TTLS, EAP-FAST
DHCP	Supported
DNS	Supported
Wireless PAN	Integrated Bluetooth module
Network Environment	Ad hoc network environments
Protocol	Version 1.2 of the Bluetooth standard (SIG certified)

Print Technology

Printhead	Direct thermal, 576 dots across, 203 dpi (8 dots/mm)
Print Speed	3" (76.2 mm) per second
Print Area	2.84" (72 mm) maximum width; continuous length

Media

Type	1" - 3" linered labels with Q-mark or gap sensing Direct thermal receipt paper (standard, premium, heavy duty, long-life, image protect, hi-temp, and all weather), synthetic media, UV coated media - For optimum print quality and printer performance, use Certified O'Neil supplies.
Capacity	2.25" (57 mm) maximum roll diameter (O.D.) 0.4" (10 mm), .75" (19 mm), 1" (25 mm) I.D. core
Width	1" (25 mm) minimum 3.25" (82.6 mm) maximum
Thickness	.002" (.05mm) minimum .005" (.13mm) maximum

Power Source

Battery	(1) 7.2V Lithium-Ion (Li-Ion), 2200 mAh
DC Inputs	Barrel jack, 12-15V, built-in spike and surge protection
	External charge contacts, 12-15V, built-in spike and surge protection
Endurance	Prints approx. 6,300" or 1,050 – 6" receipts on a single battery charge (18 hours) - with Bluetooth
Recharging	3.5-4.5 hours from AC adapter or cigarette adapter

Fonts & Languages

Memory Capacity	Flash Memory: 4 MBytes Ram Memory: 2 MBytes
Standard Fonts	5.5CPI, 7.2CPI, 10.7CPI, 18.5CPI 20.4CPI & 22.6CPI (additional fonts available)
International Characters	Arabic, Asian (incl Big 5 and Simplified Chinese), Greek, Hebrew, OCRA, OCRB, Unicode subset including Latin & Thai (additional international characters available)
Bar Codes	Linear Barcodes (Code 39, UCC/EAN-128, Code 128, UPC-A, UPC-E, EAN-8, EAN-13, MSI/Plessey, Interleaved 2 of 5, Codabar 2D symbologies (PDF417, QR, AZTEC)
Graphics	Supports storage of graphics/logos in Flash memory and transient "print once" graphics

Software

Native	EZ Print™, Line Printer Mode
Device Management	O'Neil Printer Management Console (OPMC), Symbol™ MSP Agent, Wavelink Avalanche™
Drivers	Windows CE and Desktop
Label Designers	NiceLabel, BarTender®, DP Designer
Software Development Kit	BlackBerry

Agency Approvals

FCC B, CE, C-Tick, UL/cUL, GS

Warranty

2 years (including printhead*)

Options / Accessories

- AC Adapter
- Battery
- Charging cradle – single
- Charging cradle – 4 or 5 bay with dual bay battery charger
- Cigarette Lighter Adapter
- Cleaning Cards
- Cleaning Kit
- Data Cables for Hand-Held Devices
- DB9 F Cable (coiled)
- Depot Charger Kit
- External Battery Charger
- Magnetic Card Reader
- Paper/Labels
- Smart Card Reader
- Swivel Belt Loop
- Swivel-Mount Bracket
- Swivel-Mount Shoulder Strap

*When used with approved media grades.

Preliminary specifications are subject to change without notice. All product and company names are trademarks, service marks or registered trademarks of their respective owners.

O'NEIL®
The Most Reliable Portable Printers®
A [DOVER] COMPANY

Bluetooth®

email: info@oneilprinters.com
WWW.ONEILPRINTERS.COM