

Simple. Rugged. Reliable. ^{2t} And Now Wireless!

O'Neil Product Development, the world leader in rugged portable printers, continues its history of innovation by introducing its WLAN and WPAN printing solutions.



microFlash
Thermal Wireless Printer

^{2t}

Our worldwide customer base can now extend the reach of their enterprise networks by enabling frontline workers to print 2" wide receipts and labels at virtually any point of operation. Housed in an unbreakable polyethylene case, the microFlash 2t is light enough to be worn on a belt yet rugged enough to withstand multiple 6' drops to concrete. Designed for mobile printing applications in manufacturing, route accounting, distribution, transportation, and logistics, the microFlash 2t wireless printer delivers the performance and flexibility required by modern day supply chain operations.

microFlash^{2t}

Thermal Wireless Printer

Wireless!

Introducing WLAN & WPAN printing solutions.



Wireless microFlash 2t

Extend the reach of enterprise networks by enabling frontline workers to print 2" wide receipts and labels at virtually any point of operation.

microFlash
Thermal Wireless Printer

2t



PRODUCT DEVELOPMENT

8 Mason
Irvine, CA 92618, USA
949.458.0500 (tel)
949.458.0708 (fax)
www.oneilprinters.com
sales@oneilinc.com (e-mail)

EUROPEAN OFFICE
Witan Court
285 Upper Fourth Street
Witan Gate West
Central Milton Keynes
United Kingdom MK9 1EH
+44 1908 393300 (tel)
+44 1908 393400 (fax)
www.oneilprinters.com
sales@oneilinc.com (e-mail)

Simple. Rugged. Reliable. And Now Wireless.

Our wireless local area networking solution incorporates a user installable Cisco® PC Card (PCMCIA) which connects the microFlash 2t printer to a wireless network in ad hoc peer-to-peer mode 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, mobile workers can realize all of the convenience, power efficiencies, and cost benefits of a wireless personal area network. As the first portable printer manufacturer to incorporate the Bluetooth protocol in flash memory, O'Neil Product Development has eliminated the need to return the microFlash 2t printer to the factory for costly software and hardware upgrades whenever the Bluetooth wireless specification changes.

Standard Features at a Glance

- WLAN or WPAN networking technologies
- Supports a wide variety of handheld computers from leading manufacturers
- Exceptional print quality (203 dpi resolution)
- Fonts, graphics and operating system stored in flash memory
- Supports international character sets and any Bitstream® bitmap font
- Increased label capacity through the use of linerless label stock (optional)
- 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
- Optional Magnetic Stripe and Smart Card Reader

Specification Highlights microFlash 2t Thermal Wireless Printer

Physical Characteristics:	microFlash 2t Bluetooth	microFlash 2t 802.11b
Dimensions:	4.7 in. x 7.375 in. x 2.425 in. (11.9 cm x 18.7 cm x 6.2 cm)	5.52 in. x 7.375 in. x 2.425 in. (14.0 cm x 18.7 cm x 6.2 cm)
Weight (with battery and paper roll):	25.3 oz. / 717.2 g	27.6 oz. / 782.4 g
Drop Specification:	6ft. / 1.8m	6ft. / 1.8m

Environment: Operating Temp -20° C to 50° C / -4° F to 122° F Storage Temp -40° C to 70° C / -40° F to 158° F Charging Temp -10° C to 40° C / 14° F to 104° F Relative Humidity 10% to 90% noncondensing ESD Protection 8 kV Air, 4 kV Contact		Communications: RS-232 Serial Up to 115.2k baud Wireless LAN Cisco Aironet® 350 Series PC Card (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) Personal Area Network Integrated Bluetooth module Network Environment Ad hoc or piconet network environments Protocol Supports version 1.1 of the Bluetooth standard (SIG certified)	
Print Technology: Direct Thermal 1.85" (47mm) print width Print Head Life 203.2 DPI, 8 dots/mm Print Speed 5,000,000 dot lines Up to 2.5 inches per second		Media: Roll Capacity Thermal paper: 1,300" / 33m Linerless: 720" / 18.2m Paper Width 2.25" / 57.2mm Media Types Direct thermal paper, Labels Linerless labels (optional)	
Fonts & Languages: Memory Capacity Flash/RAM memory: 8 / 4 Mbit Standard Fonts 5.5CPI, 7.2CPI, 10.2CPI, 10.7CPI, 18.5CPI, 20.4CPI, 22.6CPI Int'l Characters Arab-T, Arab-S, Arab-E, Asian-A, Asian-B, shiftJIS, Greek, OCR-A, OCR-B, Unicode subset including Thai and Latin Bar Codes Prints 1D and 2D bar codes Graphics Supports storage of graphics and logos in flash memory. Also supports transient, print once graphics		Agency Approvals: FCC B, CE, C-Tick, E-Mark	
Power Source: Battery User replaceable, off-the-shelf 6V Nickel Metal Hydride 2100mAh (DR10) DC Input 12-15V, built-in spike and surge protection		Warranty: 1 Year (including printer case and printhead)	
Battery Characteristics: Type 6V Nickel Metal Hydride 2100mAh (DR10) Endurance (802.11b) Prints 3,834 inches on a single battery charge (639 6" receipts) Endurance (Bluetooth) Prints 4,752 inches on a single battery charge (792 6" receipts) Battery Life 80% of original capacity after 300 cycles Recharging 2-3 hours from AC Adapter or Cigarette Lighter Adapter		Optional Accessories: Swivel Belt Loop AC Adapter Cigarette Lighter Adapter DB9F Data Cable Magnetic Stripe / Smart Card Reader	

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

Copyright 2004, O'Neil Product Development, Inc.
Part Number: 110121-000 Rev. 2 Made in U.S.A.