



The Most Reliable Portable Printers®

microFlash® 2i Portable Impact Printer

The microFlash 2i offers the most reliable performance available in a small, lightweight 2" dot matrix impact printer. The 2i prints single and multi-part receipts for mobile delivery and credit card receipt applications. Print quality of the 2i is exceptional.

Like all printers in the microFlash Family, the 2i is the most durable and rugged 2" portable printer available. The 2i is engineered to consistently perform in the most challenging environments and its amazing reliability has been proven the world over.

The 2i packs the power necessary for extended service applications and is the ideal printer for applications requiring long service days, with enough power to print over 400 – 6" receipts on a single battery charge. The charging circuitry is built into the printer, so there's no need to buy expensive external battery chargers.

Rugged and Reliable. With uncompromising standards, the 2i is engineered throughout to

withstand the punishing demands of the mobile environment. The unbreakable double-walled polyethylene case protects the 2i from everyday jolts and drops, and its rock solid print mechanism is 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 promise to stand behind every product we sell.

Flash Memory. As your 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 taken away the font and character limitations found in other printers. In cooperation with Bitstream® fonts, any international character set can be added to the 2i with a one-time minimal setup fee.

"The printer had to be rugged, durable and lightweight. A less-rugged printer would not stand up to the rigors of this type of field service application. We have not been disappointed."

Ms. Laura Dixon
Chief Executive Officer
Dixon Marketing, Inc.

► Tough Enough for Any Workplace

Mobile computing and printing is the hands-on, full-contact, anything-can-happen part of your business. Because workers are on the move, it's punishing on your equipment. Printers are subjected to the harshest of field and environmental hazards. Rushing around the workplace, in and out of trucks, carrying parcels, boxes and tanks, hustling in the warehouse, pulling hand trucks, pushing carts, riding in forklifts, climbing ladders and on cherry pickers...Portable printers will be dropped, banged, slammed, knocked and pounded each and every time they are in use. But at the end of the day, thousands of resellers and end-users around the world rely on the one line of portable printers that thrive in the demanding mobile workplace better, longer and far more reliably than any other: **O'Neil**.



Standard Features at a Glance

- Supports a wide variety of hand-held computers from leading manufacturers.
- Exceptional print quality.
- Fonts, graphics and operating system stored in Flash memory.
- Supports international character sets and any Bitstream® bitmap font.
- Supports the printing of graphics, 1D 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 cigarette lighter adapter.



2i

Specification Highlights microFlash® 2i Portable Impact Printer

Physical Characteristics	
Dimensions	7.375" x 4.675" x 2.415" (18.7 x 11.9 x 6.1 cm)
Weight (printer only)	13.8 oz (0.3912 kg)
Weight (with battery & paper roll)	23.2 oz (0.656 kg)
Drop Specification	6 ft (1.8 m)
User Environment	
Operating Temperature	32° F to 122° F (0° C to 50° C)
Storage Temperature	-22° F to 140° F (-30° C to 60° C)
Charging Temperature	14° F to 113° F (-10° C to 45° C)
Relative Humidity	10% to 90% non-condensing
ESD Protection	8 kV Air, 4 kV contact
Communications	
Serial	RS-232, up to 38.4k baud
IrDA	IrDA compliant infrared data communications, up to 115.2k baud
Print Technology	
Printhead	Impact, 240 dots across, 127 dpi (5 dots/mm)
Printhead Life	1,000,000 dot lines
Print Speed	Up to .33" per second
Ribbon Cartridge	600,000 characters
Media	
Type	Standard or Carbonless
Capacity	2" maximum roll diameter
Width	2.25" (5.715 cm)
Number of Copies	Originals + 1 copy
Power Source	
Battery	6V NiMH, 2150 mAh (DR10®)
DC Input 1	(AC Adapter) 12-15V, built-in spike and surge protection
DC Input 2	(Cigarette Lighter Adapter) 12-15V, built-in spike and surge protection
Battery Characteristics	
Type	6V NiMH, 2150 mAh (DR10®)
Endurance	Prints approx. 2,496" or 416 – 6" receipts on a single battery charge
Battery Life	80% of original capacity after 300 cycles
Recharging	2.5-3.5 hours from AC adapter or cigarette lighter adapter

Fonts & Languages	
Memory Capacity	Flash/RAM Memory: 4/1 Mbit
Standard Fonts	5.5CPI, 7.2CPI, 10.7CPI, 18.5CPI 20.4CPI & 22.6CPI (additional fonts available)
International Characters	Arab-T, Arab-S, Arab-E, Asian-A, Asian-B, shiftJIS, Greek, OCRA, OCRB, Unicode subset including Latin & Thai (additional international characters available)
Graphics	Supports storage of graphics/logos in Flash memory and transient "print once" graphics
Agency Approvals	
FCC B, CE	
Warranty	
1 year (including printer case and printhead*)	
Options / Accessories	
• AC Adapter • Battery • Cigarette Lighter Adapter • Data Cables for Hand-Held Devices • DB9 F Cable (coiled) • DC Power Extension • Depot Charger Kit • External Battery Charger • Paper/Labels • Ribbon/Purple Ribbon • Swivel Belt Loop • Swivel-Mount Bracket • Swivel-Mount Shoulder Strap	

*When used with approved ribbon.

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