

# microFlash<sup>®</sup> 8i

## Portable Impact Printers ■ ■ ■



### features at a glance ■ ■ ■

- **Great battery capacity** gives the 8i enough power to print up to 201 – 11” invoices on a single battery charge, at a speed of 270 cps
- **Easy to load** and unload paper reducing driver training and enhancing reliability
- **No paper jams!** Datamax-O’Neil created a unique paper feed design that literally eliminates paper jams
- **Operates from a vehicle’s 12-volt power system**, no expensive voltage adapters are needed
- **Versatile mounting options** allow mounting wherever needed – from a bulkhead/wall to the dashboard/console
- **Optional wireless Bluetooth connectivity** eliminates the need for mobile workers to return to their vehicle to print invoices
- **Flash memory:** We pioneered the use of Flash memory that allows you to change fonts and functions simply by connecting the printer to a computer
- **We speak your language:** In cooperation with Bitstream<sup>®</sup> fonts, any international character set can be added
- **Rugged and reliable**, the 8i is engineered throughout to endure even the most punishing portable applications

The Datamax-O’Neil microFlash 8i printers generate high-quality, full size, multi-part customer invoices, receipts, load reports, transfers and other documents for route accounting applications at the point of delivery. Datamax-O’Neil’s unique design makes the 8i rugged enough to be used either in the front seat of a delivery vehicle or carried into a receiving area. Holding up to 200 sheets of 8.5” x 11” or A4 paper, the exclusive paper feed design of the 8i literally eliminates paper jams and allows the maximum amount of paper in a small footprint.

The versatile 8i can be powered by your vehicle’s 12-volt system without a voltage adapter, or it can be used remotely with an internal battery pack. The 8i has enough power to print up to 201-11” invoices on a single battery charge, at a speed of 270 cps.

### popular applications ■ ■ ■



**Route Accounting/  
Direct Store Delivery**

- Delivery Receipts
- Inventory Reports
- Route/Labor Scheduling



**Field Service**

- Service Receipts
- Pickups/Deliveries
- Maintenance
- Settlement Reports

### your benefits ■ ■ ■

**Rugged design** – The unbreakable double-walled polyethylene case protects the 8i from everyday jolts and road bumps, and its rock solid print mechanism is proven to provide years of service where other printers fail.

**Reliable performance** – In today’s tough economic times, you can’t afford to buy printers that fail. The 8i comes with Datamax-O’Neil’s legendary reliability and a full one-year standard warranty.

**Increased productivity** – Using a reliable printer means your operation will run smoothly without downtime. The 8i offers easy-to-load/unload paper to reduce driver training and enhances reliability.



#### Did you know?

Using quality supplies can significantly prolong the life of your printhead. Datamax-O’Neil offers a wide variety of high quality media for its printers including custom labels, stock labels, ticketing media, ribbons and cleaning products. When you choose Datamax-O’Neil, you receive a proven commitment to superior quality. Quality that results in performance and compatibility... Guaranteed.



datamax • o’neil  
right by our customers.

## print technology ■ ■ ■

- Printhead:
  - 9 pin impact
- Printhead life:
  - 100 million dots
- Print speed:
  - 270 characters per second
- Ribbon cartridge:
  - 2,000,000 characters

## 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:
  - 8 kV Air / 4 kV Contact

## communication ■ ■ ■

- Serial:
  - RS-232; up to 115.2k baud
- Bluetooth:
  - Network environment: Ad hoc network environments
  - Protocol: v1.2 (compatible with v1.1 devices)

## accessories ■ ■ ■ included with each 8i printer: (1) ribbon

### required ■ ■ ■

<b>AC Adapter</b>	AC Adapter available with US, UK, Australia, or Euro plugs
<b>Battery</b>	Long lasting 12V NiMH, 4000 mAh

### recommended ■ ■ ■

<b>Cigarette Lighter Adapter</b>	Allows you to charge the printer from the vehicle cigarette lighter
<b>Serial Cables for Mobile Computers</b>	DB9 F coiled right angle download cables are compatible with a variety of popular mobile computers; see price list for a specific model compatibility

### optional ■ ■ ■

<b>Fuse Box Power Cable Kit, 10'</b>	Charge your printer from the vehicle's fuse box. Extension cables available in 3', 6' and 10' lengths for existing installations
<b>Cable Assembly Adaptor</b>	DC jack to AMP
<b>Mounting Brackets</b>	Choose from the economy bracket or locking bracket
<b>Replacement Ribbon</b>	2 million characters replacement ribbon
<b>Softcase</b>	Protect your printer/cradle by using one of our exclusive protection cases that come with a shoulder strap to offer ease of use

## physical characteristic ■ ■ ■

- Dimensions:
  - 15.5" h x 11.75" w x 4.25" d (393.7 x 298.5 x 107.5 mm)
- Weights (printer only):
  - Serial: 101.4 oz (2.785 kg)
  - Bluetooth: 102.92 oz (2.918 kg)
- Weights (with battery, adapter, bag and paper):
  - Serial: 182 oz (5.16 kg)
  - Bluetooth: 183.52 oz (5.203 kg)
- Drop Specifications:
  - 3 ft. (0.9 m)

## power source ■ ■ ■

- Battery (optional):
  - 12V NiMH, 4000 mAh
- DC Inputs:
  - AC Adapter: 12-15V, built-in spike and surge protection
  - Cigarette Adapter: 12-15V, built-in spike and surge protection
- Endurance:
  - Serial: prints approx. 245 – 8.5" x 11" invoices on a single battery charge
  - Bluetooth: prints approx. 188 – 8.5" x 11" invoices on a single battery charge
- Battery Life:
  - 80% of original capacity after 300 cycles
- Recharging:
  - 3.5 to 4.5 hours from AC adapter or cigarette adapter

## media ■ ■ ■

- Media type:
  - NCR, plain (up to 4-ply)
- Media width range:
  - 3" (76.2mm) minimum, 8.5"/ A4 maximum
- Capacity:
  - Up to 200 sheets

## barcodes/fonts/graphics ■ ■ ■

- Memory: (Flash / RAM)
  - Serial: 512kB / 128kB
  - Bluetooth: 1024kB / 512kB
- 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 & Turkish (additional international characters available)
- Graphics supported:
  - Supports transient "print once" graphics

## agency approval ■ ■ ■

Contact sales representative for the most current approval list

## warranty ■ ■ ■

- Printer\*: 1 year (including installed options)
- Printhead\*: 1 year or 1,000,000 inches whichever comes first
- Contact sales representative for extended warranty options



**to learn more, visit [www.datamax-oneil.com](http://www.datamax-oneil.com)**

Specifications subject to change without notice. Copyright 2010, Datamax-O'Neil (rev. 20100505)  
\*when used with approved supplies



**do**<sup>TM</sup>  
**datamax • o'neil**  
right by our customers.

A **DOVER** Company