

microFlash[®] 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[®] 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.



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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 ■ ■ ■

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

recommended ■ ■ ■

Cigarette Lighter Adapter	Allows you to charge the printer from the vehicle cigarette lighter
Serial Cables for Mobile Computers	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 ■ ■ ■

Fuse Box Power Cable Kit, 10'	Charge your printer from the vehicle's fuse box. Extension cables available in 3', 6' and 10' lengths for existing installations
Cable Assembly Adaptor	DC jack to AMP
Mounting Brackets	Choose from the economy bracket or locking bracket
Replacement Ribbon	2 million characters replacement ribbon
Softcase	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



Locking Mounting Bracket



Softcase

to learn more, visit www.datamax-oneil.com

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A  Company