Simple. Rugged. Reliable. 4t

microFlash
Thermal Printer
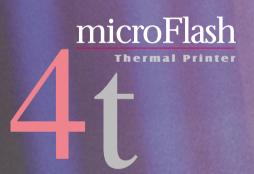## 4t

- Prints 4" wide receipts, invoices and labels using thermal technology

- Rugged and Portable

- The 4t features the the largest paper roll and battery capacity in its class, while remaining the smallest and lightest 4" thermal printer available

- Small enough to be worn on a belt

O'Neil microFlash Printers

Innovative products from the world leader in rugged printers.

Simple. Rugged. Reliable.

Rugged. The 4t case is made of unbreakable polyethylene plastic. We guarantee it in our warranty – no one else offers that.

Flash Memory. As your business needs change, so can your printer. 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. No need to return the printers for an upgrade.

We speak your language – any language. O'Neil has taken away the font and character limitations you find in other printers. In cooperation with Bit Stream™ Fonts any international character set can be added to the 4t with a one-time minimal setup fee.

Plenty of Power. The 4t uses two rechargeable Lithium Ion batteries, giving the 4t over 2700 mAh of power – enough to print over 5,800 inches. Battery charging is built into the printer. No need to buy expensive options.

Portability. Even with all of the above features and the largest paper roll in its class, the 4t is the smallest and lightest 4" rugged, portable printer available.

microFlash 4t Portable Printer Specifications

Physical Characteristics:

Size	6.81" x 6.56" x 2.60"	172.97 x 166.52 x 66.04mm
Weight	17.05oz / 483g	

Environment:

Operating Temp	-20° C to 50° C
Storage Temp	-30° C to 65° C
Charging Temp	5° C to 40° C
Relative Humidity	10% to 90% noncondensing
ESD Protection	8 kV Air, 4 kV Contact

Print Technology:

Direct Thermal	4.09" (104mm) print width, 203.2 DPI, 8 dots/mm
Print Head Life	400,000,000 Dot Lines @ 25%
Print Speed	Up to 2.5 inches per second

Fonts & Languages:

Memory Capacity	Flash/RAM Memory: 4/1 Mbit
Available Fonts	5.5CPI, 7.2CPI, 10.2CPI, 10.7CPI, 15.6CPI, 18.5CPI, 20.4CPI, 22.6CPI, 34.0CPI
Int'l Characters	Arab-T, Arab-S, Arab-E, Asian-A, Asian-B, Asian-C, Latin & Thai (unicode), Greek, OCRA, OCRB
Graphics	Supports storage of graphics/logos in flash memory

Power Source (input):

Battery	7.2V Lithium Ion 1350 mAh (two batteries for a total of 2700 mAh)
DC Input	12-15V

Battery Characteristics:

Type	7.2V Li-ion 1350 mAh (two batteries for a total of 2700 mAh)
Endurance	Prints approx. 5,800" on two batteries
Battery Life	56% of original capacity after 500 cycles
Recharging	Internal Intelligent 2-3 hour quick charge from AC Adapter or Cigarette Adapter

Communications:

RS-232 Serial	Up to 38.4k baud. Cables available for most popular laptops and handhelds.
IrDA	IrDA compliant infrared data communications up to 115.2k baud.

Media:

Roll Capacity	Thermal paper: 1,716"/43.5m; Linerless: 840"/21.3m
Paper Width	4.41"/112.0mm
Media Types	Direct thermal paper, Labels, Linerless labels

Agency Approvals:

Agency	FCC B, CE, C-Tick

Warranty:

Warranty	1 Year (including printer case)

Optional Accessory:

Vehicle Mounting Bracket
Swivel Belt Loop
Magnetic Stripe / Smart Card Reader

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PRODUCT DEVELOPMENT