

DAP MicroFlex 8640B

The MicroFlex 8640B has a unique footprint and design providing a full QWERTY keyboard with separate number pad.



The 8640B has a ½ VGA size display - great for viewing large data sets, maps, text and graphs in color.

And the keyboard is perfect for applications requiring fast data entry, offering more versatility than most handhelds to due the QWERTY keyboard with separate number pad and function keys.

The 8640B is rugged and waterproof.

SOFTWARE

The Microsoft Windows CE operating system allows you to program in microsoft Visual Studio® .NET 2003 and Visual Studio® 2005. If you have an application you would like developed please contact D.R. systems and we will be more than happy to look at your specifications and create a program for you.

D.R. systems has experience in developing forestry data collection applications for: regeneration surveys, timber cruising, log scaling, 3P sampling, bucking for value, nurseries, stand examinations, ecology, down woody matter, surveying, including road engineering traverse and deflection lines.

D.R. systems inc.

In Canada

2595 McCullough Road, Nanaimo, B.C. V9S 4M9

In the US

3000 Carillon Point – Suite 3230, Kirkland, WA 98033

Phone: (250) 760-1070

Toll free (877) 377-9786

Fax: (250) 760-1071

Email: info@drsystemsinc.com

Website: www.drsystemsinc.com

SPECIFICATIONS

DAP Microflex 8640B

DESIGN	Size: 9.05" (230 mm) x 7.28" (185 mm) x 1.97" (50 mm)
Weight:	2.43 lbs (1100 g) with battery pack
Screen:	1/2 VGA (6.5") STN transfective color LCD with backlighting, Indoor/Outdoor color display, Automatic contrast temperature compensation, Scratch and shock resistant touch screen, can be used with a stylus or finger
Keyboard	Highly resistant 64-key keypad (QWERTY or AZERTY), Dedicated function keys, Large independent numeric keypad and function keys, Keyboard backlight, Tactile and programmable audible feedback
PERFORMANCE	Operating System: Windows CE 5.0
Processor:	Intel XScale (Bulverde) – PXA270, 520 MHz
Memory:	128 MB Storage Flash for WIN CE and file system, (approximately 64 MB available to user), 128 MB SRAM (approximately 64 MB used for OS), Optional: Additional storage via PCMCIA/CF Flash cards and USB connected memory devices and SD Memory Flash Cards.
Batteries	Rechargeable 2200 mAh Lithium-Ion battery (fast swappable), Battery life: typically 2-4 working days.
Approvals	FCC class B, CE Certification, Class B 21 CFR Chapter I, Subpart J, Part 1040.10 (Laser Barcode Scanner), IEC 60825-1: 1993+A (Laser Barcode Scanner)
Operating Temperature:	Operating: -4°F to +122°F (-20°C to +50°C)
Storage Temperature:	Storage: -22°F to +140°F (-30°C to +60°C) with battery, Storage: -22°F to +158°F (-30°C to +70°C) without battery
Sealing:	MIL-STD-810F method 512.4 procedure I, IP67 (1 meter immersion), MIL-STD-810F method 506.4 procedure I (wind blown rain), Humidity: 95% non-condensing
Shock:	Meets and exceeds: IEC 68-2-32 method 1 (1-meter drop onto concrete), Meets and exceeds: MIL-STD-810F method 516.5 procedure IV
COMMUNICATIONS	Sealed RJ45 connector on case molding for 10BaseT Ethernet, Sealed DB9 (RS232) and USB host connectors, Serial RS232 and USB client via cradle, or Serial RS232 and Ethernet via cradle, Ethernet 10BaseT, 10Mbps, Multi-function connector in expansion bay, Serial port RS232 on LEMO Type Connector
Card slots:	1 PC Card Type II (CF Card via adapter), 1 Secure Digital (SD or SDIO) slot
Audio:	Integrated and environmentally sealed speaker, Recording and playback fully supported by Windows CE operating system, Optional: Integrated and environmentally sealed microphone and headset connector
OPTIONS	Integrated 1D laser barcode scanner, Various desktop and vehicle communications and charging cradles, Sealed RJ45 connector on case molding for 10BaseT Ethernet, Sealed DB9 (RS232) and USB host connectors, Integrated 1D and 2D barcode reader (CMOS imager)

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