

# DAP MicroFlex CE5240 & CE5320

The MicroFlex CE5000 series is one of the two main Windows CE handheld models manufactured by DAP. The development of the WinCE units follows the success of the DOS handheld development for the past 18 years.



The difference between the 5240 and 5320 is the orientation of the display – portrait (5240) versus landscape (5320).

The CE5000 series models are rugged and waterproof.

## SOFTWARE

The Microsoft Windows CE operating system allows you to program in many different programming languages (Visual C++, Visual Basic, and others). 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.

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## **D.R. systems inc.**

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# SPECIFICATIONS

## DAP Microflex CE5240 & CE 5320

<b>DESIGN</b> Size:	Ht: 1.53" – 2.36" max (39mm min., 60mm max) Len: 9.74" (248mm) W: 3.53" – 4.08" max (90 mm min., 104mm max)
Weight:	With batteries CE5320: 1.96 lbs (890 g) CE5240 1.94 lbs (880 g)
Screen:	CE5320 320x240 pixels (landscape), CE5240 240x320 (portrait), backlight, LCD, automatic contrast temperature compensation, mono, touchscreen
Keyboard	54 rubber keys (ABC layout), separate numeric keypad, 4 dedicated function keys (unshifted), keyboard backlight option, custom membrane keyboard option.
<b>PERFORMANCE</b> Operating System:	Windows CE 3.0
Processor:	Intel StrongARM SA1110, 206 MHz
Memory:	8 MB Flash for WinCE program, 16 or 32 MB non-volatile memory option, RAM memory, 16, 32, 48, 64MB options Flash memory available.
Batteries	Rechargeable lithium-ion battery pack (user-accessible), charge status and low-battery indicator, power gauge, separate rechargeable backup battery for data retention
<b>DATA SECURITY</b>	Mandatory conformance: FCC Class B, CE certification, CSA
Operating Temperature:	-4°F to 122°F (-20°C TO 50°C);
Storage Temperature:	With battery: -40°F to 140°F (-40°C to 60°C) without battery: -40°F to 158°F (-40°C to 70°C)
Sealing:	Water Resistant IP67 (1m/3.3 feet immersion) and MIL-STD-810E method 512.3, procedure 1 and MIL-STD-810E method 506.3 procedure 1
Shock:	2 m (6.6') onto concrete and MIL-STD-810F method 516.4, procedure 4 1
<b>COMMUNICATIONS</b>	
Serial comms:	1 RS-232 serial on LEMO connector, 1 Ethernet option, 2 IrDA port options, 2 <sup>nd</sup> LEMO connector option, 1 DAP IR port option
PC Card:	2 PCMCIA cards type II or 1 type III, user accessible via expansion bay, support for PCMCIA modem card
Mass storage:	Non-volatile solid state Compact Flash disk support
Audio:	Speaker output and optional microphone input
<b>OPTIONS</b>	Integrated bar code laser scanner, RF tag reader, support for PCMCIA modem card

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