

MICRO SCRIBE

Rugged Portable Technology

The Microscribe 9000 Rugged CE/ DOS Computers

Camdata's Microscribe 9000CE and 9000DOS computers are industry standard running either Windows CE .NET 4.2 or DOS 6.22. They are robust, rugged and waterproof to at least IP65.

The displays range from full colour half VGA via monochrome CGA to a 40 column by 8 line text display. The keyboards are either tactile rubber or membrane and can be fully customised. Battery life is up to 10 hours between charges. Interfaces include wireless networking, RS232 and USB. Programmable in VB .NET, C++ or C#.

The Microscribe 9000 computer is ideal for all rugged portable standalone and thin-client needs.

Applications include police forces, stock control, telephone exchange programming, industrial ink-jet printing, military uses, hotel security...



Features:

- Rugged handheld PC
- Windows CE .NET 4.2 or DOS
- Thin client
- CF or PCMCIA support
- Colour or mono LCDs
- IP65 enclosure
- Tactile QWERTY keyboards
- Full range of options
- Customising service

9000CE in detail:

- 400MHz INTEL PXA255 processor
- 64MB SDRAM, 32MB Flash memory (factory expandable to 128MB SDRAM and 64MB flash)
- Half VGA (640 by 240) 6.2" diagonal colour LCD with cold cathode backlight. TFT or CSTN
- Windows CE.NET 4.2 installed (contained in on-board flash)
- Internal CF slot (type I) for extra memory (up to 8GB)
- Communications:
 - ◆ USB host port led out via standard connector (some power availability for external devices)
 - ◆ USB slave port via standard connection
 - ◆ RS232 serial port (RS485 option) led out via DIN connector
 - ◆ Wired 10/100 Base-T Ethernet (via BJ45)
- Power:
 - ◆ Rechargeable Lithium Ion battery
- Optional items:
 - ◆ Resistive touch screen
 - ◆ Compact Flash socket (internal) for
 - 802.11
 - GPRS
 - GPS etc

- ◆ Bluetooth
- ◆ IrDA SIR infrared communications
- ◆ AC97 audio codec providing sound in and out
- ◆ Four 12-bit A/D converters
- Physical characteristics overleaf

9000DOS in detail:

- 33MHz Elan processor (486)
- 16MB system RAM, 4MB flash
- DOS 6.22
- Internal PCMCIA card allowing an extra 76MB ATA flash
- Display (LCD):
 - ◆ 640 by 200 pixel (80 by 25) mono CGA display
 - ◆ 240 by 64 pixel (40 by 8) wide temperature range
 - ◆ both with electroluminescent backlight
- Communications:
 - ◆ RS232/422/485
 - ◆ Second RS232 option
 - ◆ +5V DC output for peripherals
 - ◆ Bi-directional parallel
- Power:
 - ◆ Rechargeable Nickel Metal Hydride
- Physical characteristics overleaf

The Microscribe 4000 Rugged VT Terminals

The Microscribe 4000 range of rugged terminals provide a VT compatible handheld device designed for use in portable, battery operated or panel-mount/desk-top applications. They are robust, rugged and waterproof to at least IP65. The displays are either an 80 by 25 or a 40 column by 8 line text display. The keyboards are either tactile rubber or membrane and can be fully customised. Battery life is up to 20 hours between charges. Interfaces are RS232 and USB.



Features:

- Rugged handheld terminal
- DEC VT52/100 terminal emulation
- 80 by 25 and 40 by 8 LCDs
- IP65 enclosure
- Tactile QWERTY keyboards
- 802.11 option
- Customising service

4000 in detail:

- Display (LCD):
 - ◆ 4080: 640 by 240 pixel (80 by 25) mono display
 - ◆ 4040: 240 by 64 pixel (40 by 8) wide temperature range
 - ◆ both with electroluminescent backlight
- Communications:
 - ◆ RS232/422/485
 - ◆ Secondary RS232 or slave USB
 - ◆ Fully programmable data formats (on-screen setup)
 - ◆ +5V DC output for peripherals
 - ◆ Variety of bar code devices
 - ◆ Variety of magnetic card devices
 - ◆ Bluetooth and 802.11 options
- Power:
 - ◆ Rechargeable Nickel Metal Hydride
- Customisation:
 - ◆ Software programmable in C or assembler



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LIMITED

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Details common to both products:

The following details apply both to the 4000 range and to the 9000 range featured overleaf:

- Keyboard:
 - ◆ 77 key silicone rubber (QWERTY or AZERTY)
 - ◆ 48 key membrane (QWERTY or ABCDEF)
 - ◆ Tactile and audible feedback
- Environmental:
 - ◆ Storage: -20C to 60C
 - ◆ Operating: 0C to 50C
 - ◆ Humidity: 10% to 85%
 - ◆ Drop: 1 metre onto concrete
 - ◆ Sealing: IP65 to IP67
- Physical:
 - ◆ Case: polycarbonate composite
 - ◆ Optional: Noryl (MEK resistant)
 - ◆ Weight: circa 900-1000g



Microscribe 4000 WLAN

Reseller Details: