

Workabout mx Scanner



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Scanner

Specifications

HARDWARE

- Processor: 16-bit NECV30MX running at 27.684Mhz (80C86 compatible)
- Internal RAM: 2MB
- Internal ROM: 2MB masked ROM containing operating system, OVAL runtime and other built-in software
- Solid State Disks: 2 internal drives accept Flash or RAM SSDs providing up to 16MB additional applications and data storage capacity
- Display: 240 x 100 pixels, greyscale, graphics LCD, up to 39 characters by 12 lines, switchable backlight as standard
- Keyboard: 56-key alphanumeric layout as standard; 34-key numeric and function key layout option available
- Sound: Piezo Buzzer
- ID: Application-readable unique identification number
- Power
 - Internal: 2x AA alkaline cells, or rechargeable NiCd or NiMH pack
 - Backup: lithium cell CR1620
 - External: a range of peripherals for charging are available
- External Expansion: Built in low insertion force port (LIF-PFS) connects to docking stations and vehicle interface peripherals providing external RS-232 communications and charging

PHYSICAL AND ENVIRONMENTAL

- Size: 223 x 92 x 35mm/8.8 x 3.6 x 1.4"
- Weight: 436g/1.0lb (including batteries)
- Temperature range:
 - Operation: -15 to 55°C/5 to 55°F
 - Storage: -20 to 60°C/-4 to 140°F
- Operating Humidity: 0% to 95% maximum non-condensing
- Weather Proofing: IP54 as standard; dust proof and spray proof in all directions
- Drop resistance: Designed to withstand 1m/3.3' drop onto concrete on any face
- Emissions:
 - Europe: EN55022 Class B
 - USA: FCC Part 15 Class B
 - Australia: CTick
- Static: Complies to IEC801-2 (8kV)
- RF Immunity: Complies to IEC801-3
- EFT Immunity: Complies to IEC801-4
- Laser: Class 2 visible red

PERFORMANCE

- Barcode Resolution: Scanning Range
 - 5 mil: 83 to 125mm/3.3 to 5.0"
 - 10 mil: 63 to 330mm/2.5 to 13.0"
 - 55 mil: up to 915mm/36"
- Estimated typical range
- Codes: EAN/JAN 8, EAN/JAN 13, UPC A, UPC E, CODEABAR, CODE 39 STANDARD, CODE 39 EXTENDED, INTERLEAVED 2 OF 5, CODE 128, CODE 93, MSI, USS-128, UCC/EAN 128, ISBT-128
- Scan rate: 36 scans per second (approximately)
- Symbol contrast: 20% minimum

SOFTWARE

- Operating System and Interface: SIBO Operating System featuring pre-emptive multi-tasking graphics support, graphical user interface and DOS-like command line processor
- Communications: Built-in comms features include TCP/IP, IrDa and script language as standard
- Filing System: MS-DOS-compatible file formats and directory structure
- Programming: Windows PC-based Integrated Development Environments for OVAL and OPL plus a C SDK

*Specifications are subject to change without notification.

A WORD ABOUT PSION TEKLOGIX

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