



Modular PDA Packs in Memory

Simplify data collection with a pocket-sized, memory-rich PDA that scans barcodes, reads RFID tags, and offers two keypad options.



Loaded with memory—128 MB SDRAM and 1 GB internal flash memory standard. Expandable with a user-accessible SD card slot.

Small, rugged form factor—6.1 x 3.2 x 1.2 in. (155 x 82 x 31 mm) and weighs 13.4 oz. (380 g).

Windows® CE 5.0—offers quick start-up with virtually no time wasted waiting for boot-up.

Accurate barcode scanning—1D laser or 1D/2D imager for barcode scanning.

Two-year standard warranty—among the longest in the industry.

Modular design provides RFID flexibility—a high frequency (HF) or ultra-high frequency (UHF) RFID reader. Configure it for your current needs and easily upgrade it later as needed.

Independently lab-tested ruggedness—sealed to IP65 and meets MIL-STD-810F requirements.

Wireless communication—GPRS/GSM 3G, WLAN with a Summit 802.11 b/g radio, Bluetooth®, and GPS.

Indoor/outdoor LCD touchscreen—adjustable LED backlighting and crisp 256K color on a 3.5-inch touchscreen.

Accessories



Single Dock



4-Slot Charging Dock



Belt Holster



RFID Module



4-Slot Charger

M2000 Series Identity Management Module

SPECIFICATION SHEET



Core System	
Operating System	Windows® CE 5.0 Professional Windows® Embedded Handheld 6.5
Processor	Marvell® PXA270 520 MHz
Memory	128 MB SDRAM 1 GB Flash SD card slot (supports up to 16 GB)
Display	
	3.5-inch QVGA (240 × 320) transfective TFT color LCD with LED backlight 4-wire resistive touchscreen Passive stylus or finger operation
Keypad & Buttons	
Common features	Backlit 3 barcode scanning triggers 4 dedicated programmable keys Navigation keys
M2010	12-key numeric keypad
M2020	26-key alpha-numeric keypad
Communications	
WLAN	Integrated Summit 802.11 b/g
WWAN	Optional GPRS/GSM 3G module
GPS	Integrated SiRFstar III GPS
Bluetooth®	Integrated Bluetooth® v2.0 + EDR Class II
Infrared	Integrated IrDA 1.2 compliant
Input/Output	
Power jack	5 VDC input
Via module	USB host/client 5 VDC/100 mA power in
Audio	
	Mono speaker 2.5 mm stereo headset (audio in/out) Internal microphone

Identity Management	
Fingerprint sensor	FIPS-201 compliant 508-DPI image resolution 12.8 × 18mm capture area
Magnetic stripe reader	3-track bi-directional Compatible with ISO, ANSI, and AAMVA standards
MRZ reader	Bi-directional OCR-B and E113B fonts ICAO 9303 compliant

Barcode Scanning	
Short range	1D laser 1D/2D imager

Expansion Slots	
	SD card slot (supports up to 16 GB) Optional SIM slot for GPRS/GSM 3G

Software	
	ActiveSync, FTP client/server, IE 6.0, Viewers for Microsoft® Office and PDF files, Inbox, Windows Media Player, Remote Desktop, Terminal Services, Voice Recorder, Summit WLAN utility, Backup and Restore, Barcode Scanner Utility, (software update from SD card), ID Management SDK

Power	
Standard battery	Li-ion battery pack, 3.7 VDC, 2200 mAh
High-capacity battery	Li-ion battery pack 3.7 VDC, 4000 mAh
Backup	Rechargeable internal backup battery
Power Adapter	Power adapter, 100–240 VAC, 50/60 Hz input, 5 VDC/2.6 A output

Dimensions	
Module alone	7.1 (L) × 3.3 (W) × 1.4 (H) in. [180 × 85 × 36 mm] 4.8 oz. [136 g]
Module and unit	9.2 (L) × 3.3 (W) × 1.4 (H) in. [234 × 85 × 36 mm] 18.2 oz. [516 g] (with standard battery pack)

Regulatory	
	FCC 47 CFG Class 1 Part 15 (US) ETSI EN 302 208-1 (V1.1.1/EU) RoHS (DoC) WEEE (DoC)
Safety	UL/cUL, LVD, CB

Environment	
Operating temperature	-4 to +122 °F [-20 to +50 °C]
Charging temperature	32 to +104 °F [0 to +40 °C]
Storage temperature	-22 to +158 °F [-30 to +70 °C]
Drop	Multiple 5-foot (1.5-meter) drops to concrete
Tumble	2000 1-meter tumbles at room temperature
ESD	15 kV air discharge, 8 kV direct discharge
Sealing	IP65 certified
Humidity	5%–95%, non-condensing



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