SPT 1550

symbol®

Pocketable Productivity for People on the Move

Symbol Technologies has maximised efficiency, functionality and productivity in a new pocket-sized Palm Powered™ device—the SPT 1550. Equipped with the latest processing technology and features, the SPT 1550 is a powerful productivity tool, enabling users to capture and manage data faster and easier than ever.

Superior Features for Maximum Performance

The SPT 1550 is 100% compatible with Palm OS® hardware and software and offers the mobile professional significant advantages with benefits in data capture, information access and computing power. The SPT 1550 features Symbol's state-of-the-art SE 900 scan engine. This is the smallest, lightest, and brightest engine available today, enabling the SPT 1550 to deliver premium performance bar code scanning.

Its 33MHz processor allows applications to run at peak speeds, keeping pace with business demands. The SPT 1550 comes with a generous 8 MB of RAM and 4 MB of ROM, for application or data storage needs. With its touch-based graphical interface, push-button controls, and backlit 160 x 160-pixel display, the SPT 1550 is easy to use, even outdoors or in dimly lit spaces. Two AAA batteries deliver hours of power, or an optional rechargeable NiMH battery kit is available. The SPT 1550 supports both single and multi-slot cradles for flexible host communications in most network and user environments.

The Point of Activity Advantage

The SPT 1550 is designed for convenient operation in the office or on the road. Its ease-of-use and functionality lend themselves to applications in a host of industries.

Salespeople can enter customer information, scan items from a bar-coded catalogue and check downloaded price lists, enabling more time to sell and less time doing paperwork. With its laser scanning capability, the SPT 1550 can also help increase efficiency in the office, streamlining processes such as office supply ordering. Medical professionals can take advantage of the SPT 1550's mobility, using the device for patient verification, bedside drug administration and a host of applications used hospital-wide.

Teachers and education professionals can use the device to access and update student records, including daily attendance and grading. With its easy to use interface, consumers can also enjoy the benefits of scanning with the SPT 1550. Instead of written shopping lists, consumers can scan items as they are depleted, creating an electronic shopping list. This electronic list can be used on the next shopping trip or uploaded over phone lines to the local store or e-commerce websites.

Features	Benefits
Superior ergonomics and pocket-sized design	Lightweight, convenient point-of-activity computing
DragonBall VZ Processor	33MHz of high performance processing power for standard or customised data
Palm OS® platform	Versatile and easy to use, 100% compatible with standard Palm OS applications, convenient PIM icons
Integrated SE 900 bar code laser scanner with on-board decoding	Capture and manage bar code data quickly and easily
8 MB RAM / 4 MB Flash ROM	Easily accommodates application and memory demands
Enhanced backlit display with digitiser	Better visibility in poor lighting conditions
Pen input with Graphical User Interface	Intuitive point and display operation; multiple modes of convenient data input; Signature capture capabilities
Graffiti® power writing technology	One-stroke character recognition enables fast manual data input
One-touch data synchronization with host or network	Assures up-to-the-minute data access on your SPT 1550 and host system
IrDA port	Share information via infrared with SPT terminals and other Palm OS devices
Supports single and multi-slot cradles	Flexible host communications for most network and user environments

Tailor Applications for Your Business

Any business can tailor the adaptable SPT 1550 to boost the productivity of its mobile professionals. Because the device is based on the Palm platform, programmers can build solutions using familiar Palm OS® development tools.

The Palm OS Software Development Kit (SDK) includes the Symbol Application Programming Interfaces (API) for controlling the scanner and manipulating data input, and trial versions of several of the most popular Palm development environments. A growing roster of software companies support the SPT product family with tools for network and database connectivity.

To learn more about the SPT 1550 or our other innovative business solutions, contact us at any of the locations listed below or visit **www.symbol.com**

SPT 1550 Specification Highlights

Physical Characteristics	
Size:	.66 in. H x 3.16 in. W x 5.46 in. L / 17 mm H x 81 mm W x 140 mm L
Weight:	5.5 oz. / 154.0 gm without batteries; 6.1 oz. / 170.8 gm with batteries
Keyboard:	Physical: 5 keys (same as Palm); Virtual: Pop-up alphanumeric
Light Source:	Visible Laser Diode at 650 nm
Laser Class:	CDRH Class II, IEC 825 Class 2
Scan Rate:	36±3 scans per second
Minimum Print Contrast:	25% absolute dark/light reflectance at 650 nm
Interface Type:	Serial RS-232; IrDA communications
Power:	2 AAA alkaline cells or Symbol NiMH rechargeable pack

Performance Characteristics	
Processor:	Motorola DragonBall VZ—33MHz
Memory:	RAM: 8 MB—SDRAM ROM: 4 MB
Operating System:	Palm OS®
Development Tools:	AppForge, CodeWarrior, SatelliteForms, PenRight!
Display:	Type: LCD touch screen; backlit; 2.3 in. x 2.3 in. / 5.8 cm x 5.8 cm; Resolution: 160 x 160 pixels
Decode Capability:	UPC/EAN/JAN, Code 128, Code 39, Code 93, Interleaved 2 of 5, Discrete 2 of 5, Codabar, MSI Plessey
Range:	Maximum: Code 39 at 55 mils: 60 cm; Minimum: 100% UPC: 5 cm; Code 39 at 55 mils: 24 cm

User Environment	
Operating Temperature:	10° to 32°C / 50° to 90°F
Ambient Light:	Artificial: 450 ft.-candles / 4,844 lux; Sunlight: 10,000 ft.-candles / 107,640 lux

Accessories	
Cradles:	Single slot serial, single slot modem, four slot serial, four slot Ethernet
Snap-on Modem:	Send information back to host through a telephone line
Vehicle Holder:	Provides easy access, storage and viewing of the SPT 1550
Rechargeable Battery Kit:	Custom NiMH battery provides hours of continuous use. Fully recharges in under 3 hours.
Rubber Boot:	Adds durability for the SPT 1550

Regulatory	
Electrical Safety:	Certified to UL1950, CSA C22.2 No. 950, EN60950/IEC950
Laser Safety:	CDRH Class II, IEC Class 1 or 2
EMI/RFI:	FCC Part 15 Class B, IECES-003 Class B, European Union EMC Directive

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For system, product or services availability and specific information within your country, please contact your local Symbol Technologies office or Business Partner.

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