



11910 Volente Road, Suite 6  
 Austin, Texas 78726  
 Sales: 1.800.749.5086  
 Support: 1.800.495.5993  
 Fax: 512.219.7728

## Symbol SPT 1800

The Symbol SPT 1800 unit is the latest in bar code scanning technology.

### Features

- One Touch Data Syncing
- Easy to use and compact
- User friendly interface
- Re-chargeable system (unit charges in cradle)
- Pre-loaded with calendaring, address book and other daily activity applications
- HotSync cradle and charger
- Hand Strap on back side of unit

Features	Benefits
Spectrum24 <sup>®</sup> Wireless LAN connectivity option	Enables full mobility with real-time data transmission to and from network information systems
Wireless WAN connectivity	Extends access to information beyond the enterprise
Supports Symbol's AirBEAM <sup>®</sup> suite of mobility management tools	Maximizes the availability, security and effectiveness of your wireless network investment
Kerberos security—industry standard authentication, key distribution and encryption	Advanced security with fast roaming for mobile data applications
Rugged housing meets IP54 Standards	Withstands typical workday usage and tough industrial environments
Integrated miniature scan engine	Fast, reliable bar code scanning delivers increased efficiency and accurate data capture
8 or 16 MB of RAM and 4 MB of ROM	Accommodates application needs and memory demands
High-contrast liquid crystal display with enhanced backlight	Offers increased visibility for user comfort and acceptance
Rechargeable Lithium-Ion battery plus a 1-hour Ni-MH backup battery	Long battery life enables full workday capacity plus extended backup ensures against data loss*
Supports single-slot serial and modem cradles/multi-slot serial and Ethernet cradles	Flexible host communications conveniently support various network environments

### Specifications

TIP in Hand Software is installed on Symbol™ 1800 handheld scanner units, with a minimum of 8M RAM and version 3.5 of the Palm™ Operating System.

When you order the SPT 1800 from Hayes Software Systems, a cradle for syncing (along with data and power cables) is included, as well as 1-800 toll free customer support, and shipping costs. **If you order your SPT 1800 from a different source, you may have to specifically indicate you also want a cradle and its cables.**

TIP in Hand and the SPT 1800 work in conjunction with TIP for Windows version 8.11 or higher.

<b>Physical Characteristics</b>	
Dimensions:	1 in. H x 3-5/8 in. W x 7 in. L 25.4 mm H x 92 mm W x 177.8 mm L
Weight (including battery):	Batch version: 10.6 oz/300 gm; Wireless version: 12.2 oz./346 gm
Battery:	3.7 V, 1550 mAh rechargeable Lithium-Ion
Drop Specification:	4 ft./1.2 m to concrete
Environmental Sealing:	IP54 (windblown dust and rain)
Display:	High contrast, anti-reflective 160 x 160 monochrome LCD display
Operating Temperature:	-4° to 122°F/-20° to 50°C
Storage Temperature:	-13° to 122°F/-25° to 50°C
Humidity:	5% to 90% RH noncondensing
Electrostatic Discharge (ESD):	8kVdc air, 4kVdc contact
<b>Performance Characteristics</b>	
CPU:	DragonBall VZ – 33 MHz
Operating System:	Palm OS® 4.X
Memory:	8 MB RAM / 4 MB ROM 16 MB RAM / 4MB ROM (Batch version only)
Application Development:	AppForge, CodeWarrior, MCL, GCC, and SatelliteForms
Flash Tools:	ImagePro
Communications:	IrDA 1.0
Decode Capability:	Bookland EAN, Codabar, Code 128, Code 39, Code 93, Coupon Code, Discrete 2 of 5, EAN-13, EAN-8, Interleaved 2 of 5, ISBT128, MSI Plessey, Tri-optic Code 39, UCC/EAN 128, UPC/EAN Supplementals, UPC-A, UPC-E, UPC-E1
<b>Wireless Local Area Network Characteristics</b>	
Wireless Local Area Network:	Symbol Spectrum24® IEEE 802.11 airwaves standard compliant / IEEE 802.11b
Radio Transmission Technique:	Frequency Hopping / Direct Sequence
Data Rate:	2 Mbps / 11 Mbps
Antenna:	Internal
Range:	Open space: up to 1000 ft./303 m Typical: 180 to 250 ft./54 to 76 m
Typical:	180 to 250 ft./54 to 76 m
Output Power:	500mW U.S.; 100 mW International
Frequency Range:	Country dependent, typically 2.4 to 2.5 GHz
<b>Wireless Wide Area Network Characteristics</b>	
Network:	CDPD - 900 MHz
Output Power:	CDPD 600MW
Data Range:	CDPD up to 19.2 Kbps
Antenna:	External
Frequency Range:	CDPD 824-894 MHz

\* Actual battery life may vary under different usage conditions