MSR 3000

Magnetic Stripe Reader For Symbol's Rugged Palm OS® and Pocket PC Products

ACCESSORIES

Rugged, compact design delivers exceptional functionality and value

The MSR 3000 accessory from Symbol Technologies adds the ability to read magnetic stripe data to Symbol's SPT 1700/1800 and PPT 2700/2800 Series pocketable computers. The weather and shock-resistant MSR 3000 delivers exceptional functionality and value in the smallest possible package. The unit is compact enough to attach directly to rugged Palm OS® and Pocket PC products without compromising the computer's ergonomic form factor—adding just over an inch to the overall length of the handheld devices.

Fully-featured magnetic stripe card capabilities

The MSR 3000 reads one, two or three tracks of information with a single swipe in either direction. The data is decoded, and the reader is able to edit the data, as well as add pre-ambles or post-ambles, before outputting it to the products. In addition, the device can be programmed to divide, rearrange, edit and validate fields of entered data.

Palm OS and Pocket PC compatibility

The MSR 3000 is compatible with Symbol's SPT 1700/1800 Palm OS and PPT 2700/2800 Pocket PC handheld devices. Symbol's SPT 1700/1800 family combines the latest in miniature bar code scanning technology with the popular Palm OS Platform. The SPT wireless family broadens your data communication capabilities with its built-in link to the open architecture of Symbol's Spectrum24® wireless LAN or GSM/CDPD WAN capability for up-to-the-minute information flow between the point of activity and your remote host systems.

The PPT 2700/2800 family of pocketable Pocket PC computers combines rugged mobility, bar code scanning and wireless LAN connectivity with the widely popular Microsoft Pocket PC platform. This family of data management devices now offers companies the ability to leverage the familiarity and flexibility of the Microsoft Pocket PC operating system in feature-rich pocketable computers. The PPT 274X/284X integrates Spectrum24, Symbol's IEEE 802.11 and 802.11b-based wireless LAN technology for real-time data communications with your remote host system.

For More Information

To find out how mobile professionals at your company can save time and reduce paperwork using the innovative SPT 1700/1800 and PPT 2700/2800 with the MSR 3000, contact any of the convenient locations listed on the back, or visit us at **www.symbol.com/mobile**

Features	Benefits
Compatible with Symbol's SPT 1700/1800 and PPT 2700/2800 family of handheld computers	Select the device with the right features for your application; select the best operating system for your environment—Palm OS or Pocket PC
Programmable	Can automatically divide, rearrange, edit and validate up to three tracks of data
Rugged design	Weather resistant; withstands 4 ft./1.2 m drops to concrete
Compact design adds just over an inch in length to host device	Attaches directly to handhelds without compromising ergonomic design
WWAN and WLAN capable via Symbol's SPT 1700/1800 and PPT 2700/2800 devices	Wireless capability via Spectrum24 wireless LANs and GSM/CDPD wireless WANs

MSR 3000 Specification Highlights

Physical Characteristics	
Weight:	**2.8 oz/78.4 gm**
Dimensions:	**3.1 in. L x 3.4 in. W x 1.2 in. H/78.7 mm L x 86.4 mm W x 30.5 mm H Adds just 1.5 in./38 mm to overall length of SPT and PPT products**
Power Source:	**5 VDC from Symbol SPT 17XX/18XX, PPT 27XX/28XX Series of portable computers**
Power Consumption:	**10 mA (working current) 3 mA (idle current)**
Operating Temperature:	**-4° to +122° F/-20° to +50° C**
Storage Temperature:	**-40° to +140° F/-40° to +60° C**
Humidity:	**5% to 95% condensing**
Drop Specification:	**Withstands multiple 4 ft./1.2 m drops to concrete**
Host Requirement:	**Symbol SPT 1700, SPT 1800, PPT 2700 and PPT 2800 Series and portable computers**
Performance Characteristics	
Magnetic Stripe Formats:	**ANSI, ISO, AAMVA, CA DMV and user-configurable generic format**
Swipe Speed:	**5 to 50 in./127 to 1270 mm per second, bi-directional**
Card Width:	**0.01 to 0.055 in./0.25 to 1.4 mm**
Slot Width:	**Maximum card thickness: 0.055 in./1.4 mm**
Interfaces:	**RS-232 serial interface supports baud rate from 2400 to 7600**
Data Edit:	**Count, Search, Match, Limit, Custom Field, etc. allows flexible output format**
Decoders:	**Generic Decoder and Raw Data Decoder support many non-standard card formats**
Modes:	**Buffered and unbuffered modes are both supported**
Baud Rate:	**Serial communication supports high baud rate (up to 57600) and all common Parity, Data Bits and Stop Bits**
Software:	**Host Software Development Library supports all the features of the MSR 3000 in a familiar Code Warrior for Palm OS environment**
Regulatory	
EMI/RFI:	**FCC class B, CE Class B**

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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