















Scanners at a Glance

Retail In-Store	Retail Back Room	Manufacturing	Warehouse/Dist.	Light Commercial	OEM	XE Product*
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Hand-Held Laser Scanners








Available for a wide variety of data capture applications, even in extreme environments, Symbol's innovative line of hand-held laser scanners provides the highest level of ergonomic excellence, maximum laser scanning performance and increased productivity for our customers. Ask about our complete line of product accessories, including universal Synapse cables that eliminate the need for separate individual interface controllers.

	LS 1000 "Spark"™ Scanner Series: Feature for feature, the LS 1000 scanners offer the best in basic scanning performance. These comfortable and compact scanners provide accurate bar code reading from contact to 9 in./22.9 cm, across a variety of code sizes and print qualities. Ask Symbol about the 5 year warranty.	●				●	
	LT 1800 "LaserTouch"™ Scanner Series: Triggerless and triggered, shock-resistant and offering a full range of connectivity options, the LT 1800 Series is the price-performance champion in its class. Providing excellent reliability and ease of use, the LT 1800 Series is ideal for close-range indoor scanning applications.	●				●	
	LS 2100 HotShot™ Scanner Series: The HotShot Scanners offer the best overall value of any hand-held scanner in their class. They read UPC/EAN bar codes from contact to 11 in./27.8 cm and have on-board RS-232, Keyboard Wedge and Synapse interfaces. Their scanning, host connectivity, and software feature set is ideal for a wide range of specialty store applications, such as video rentals, music/CD, and sporting goods stores. Ask Symbol about the 5 year warranty.	●				●	
	LS 3200ER Scanner Series: Another best-of-class performer, the LS 3200ER provides the greatest range of any scanner on the market with extended range reading capabilities from 4 in./10 cm to 35 ft./10 m. Offered in undecoded and decoded versions, the LS 3200ER can read 70 to 100 mil retroreflective symbols on distant storage locations or high shelf edges.			●	●		●
	LS 4000i Scanner Series: The LS 4000i Series establishes a new benchmark in hand-held bar code laser scanning. Based on the popular LS 4000, the LS 4000i combines award-winning ergonomics with outstanding performance in retail and light industrial applications. The LS 4000i uses a 650 nm laser diode for improved scan line visibility, and a scan rate of approximately 100 scans/second. These factors combine to make the LS4000i even more aggressive than ever on 1-D bar codes with the additional functionality of entry-level PDF scanning. Ask Symbol about the 5 year warranty.	●	●				
	VS 4000 Series Hand-Held Imagers: Based on the ergonomic design of the LS 4000 Series, the VS 4000 provides aggressive performance on all major symbologies with the added capability of image capture. Whether your requirement is for DataMatrix for small item identification, MaxiCode for parcel sortation, postal codes for mail-handling applications or PDF417 across a wide range of applications, the VS 4000 provides the performance you need.	●	●	●	●	●	●
	LS 4071 Cordless Scanner Series: This cordless version of the award-winning LS 4000 provides added mobility and flexibility for scanning heavy or bulky items in retail checkout applications. The radio frequency's working range performs up to 10 ft./3 m without the hassle of cord or cable restrictions.	●	●				
	LS 6000 Scanner Series: A high-speed yet versatile hand-held scanner, combines the superior ergonomics and single-line capabilities of our small "aim-and-shoot" hand-held scanners with the productivity benefits of our high-performance omni-directional scan pattern. Can be used either hand-held or as a presentation scanner. Ask about optional Checkpoint EAS support.	●	●			●	
	P300STD Industrial Scanner: P300STD is an undecoded industrial hand-held scanner for reading conventional 1-D bar codes. The P300STD is a value entry-level undecoded solution for data-capture needs in industrial environments.			●	●	●	●
	P300FZY Industrial Scanner: P300FZY is an industrial decoded scanner equipped with 2nd generation Fuzzy Logic technology for reading damaged or poorly printed bar codes.			●	●	●	●
	P300PRO Industrial 2-D Scanner: The P300PRO industrial bar code scanner provides unsurpassed high volume 2-D bar code scanning. The P300PRO features IP54 sealing, 6 ft./1.8 m drop specification, laser spot mode, smart raster and full Advanced Data Formatting capabilities.			●	●	●	●
	P300 Imager: The P300IMG is an industrial hand-held imager ideal for applications requiring 1-D and 2-D bar code data capture – including postal codes, DataMatrix, Maxicode – as well as the ability to capture images and signatures.			●	●	●	●
	P360 and P460 Memory Scanners: Available in Industrial and Retail versions, the P360 and P460 memory scanners bring new flexibility and economy to data capture. Featuring an innovative "handle-forward" ergonomic design, integrated keyboard and display, Windows-based PC programming and up to 4 MB of flash memory, the scanners operate in both corded and cordless modes. The P460 is ideal for dual-purpose POS and in-store batch applications. The P360, sealed to IP54, is rugged enough for use in extreme environments such as warehousing, logistics and manufacturing.	●	●	●	●	●	●
	P370 and P470 Cordless Scanners: These award-winning scanners with integrated radio offer cableless scanning in retail and extreme industrial environments at distances of up to 100 ft./30 m from the host. Featuring an integrated keyboard and display, they are ideal for environments where cables limit the user's movement and are prone to damage. The P370 offers fast, accurate bar code reading and reliability in extreme environments. The units are sealed to IP54 against dust and moisture, and are rugged enough to withstand multiple 6 ft./1.8 m drops to concrete. In retail environments, the P470 provides cordless data capture at point-of-sale for heavy or bulky items.	●	●	●	●	●	●

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Hands-Free and Fixed-Mount Scanners










Using today's most advanced technology, these versatile, durable and extremely reliable, high-throughput hands-free and fixed-mount scanners boost productivity to greater levels with minimal employee effort. Ask about Checkpoint EAS availability.

	Cyclone™ M2000 Adaptive Scanners: Revolutionary user-selectable scan pattern plus flexible hand-held or hands-free design makes Cyclone Adaptive scanners a standout for bar code scanning at point of sale. In addition to 1-D and 2-D symbols, the Cyclone scanner is designed to handle new and emerging UCC/EAN RSS and Composite codes – so your hardware investment is “future proof”	●	●		●	
	LS 1220 MiniScan™ Series: Available as a rugged embedded module for both standard and very high density versions, the LS 1220 MiniScan provides superior laser performance with sophisticated decoding algorithms to assure outstanding first-time read rates and accuracy. Features include RS-232 output, LED indicators, bar code programming menus, host/external trigger and beeper options.			●	●	●
	LS 5700/LS 5800 Scanner Series: The standard in hands-free in-counter and counter top scanning, these omnidirectional mini-slot scanners feature broad, yet dense scan fields for unsurpassed throughput and a high first-pass read rate. The expanded working range and high-speed performance of the LS 5700 and LS 5800 combine for fast, accurate scanning with minimal operator effort at the point of sale.	●				
	LS 6804 Scanner Series: Fully sealed in a metal housing to NEMA 12/Mil Std 810E specifications, the LS 6804 operates at 560 scans per second with a dynamic raster pattern optimized for rapid, accurate reading of 1-D and 2-D symbols that minimizes the need to precisely position bar codes. When mounted on a conveyor, the LS 6804 can read bar codes passing at speeds from one foot (30 cm) to several hundred feet per minute.			●	●	●
	Symbol 7875 and 7870 Bi-Optic Scanners: These aggressive-read, award-winning scanners are ideal for high-volume checkout environments including food stores, mass merchandise stores, hypermarkets, drug stores and warehouse clubs. They deliver first-pass read rates even on torn and defective bar codes and support all popular POS systems including NCR, IBM, ICL and PC-based systems.	●				
	LS 9100 Omni-Directional Scanner Series: Utilizing a 20-line interlocking scan pattern for high-performance “can't miss-first pass” scanning, the unique small footprint LS 9100 provides the ease and flexibility of both hands-free and hand-held operation. Features include an EAS checkpoint deactivation option, electronically erasable flash memory and ruggedized housing to withstand repeated 4 ft./1.2 m drops to concrete.	●	●		●	
	PCK 9100 Price Verification System: An electronic merchandising tool, the PCK 9100 System incorporates the LS 9100 omnidirectional scanner with a high-visibility LCD display for accurate and efficient customer price verification support. For added flexibility, the PCK 9100 units are fully configurable for either wired or wireless connection via Spectrum24® networks to host systems.	●			●	●

Consumer Scanning

Symbol Technologies introduced the world's first hand-held terminal-based consumer scanning system for the retail market and now continues the history of innovation. With the introduction of products like the CS 2000 Consumer Memory Scanner, time-pressed customers will find electronic shopping, even for impulse items, a real pleasure.

	CyberPen: This revolutionary bar code scanning system combines the functionality of a contact memory bar code scanner with a high-quality A.T. Cross® writing instrument. Small, lightweight and portable, this low-cost, consumer-oriented data collection system offers the optimum in convenience and ease of use. CyberPen is ideal for home shopping order entry, sales force automation, home healthcare information tracking and many service applications.	●				●
	CS 2000 Consumer Memory Scanner: Internet shopping at home is easy with the CS 2000, a lightweight battery-operated consumer bar code scanner—no need to scroll through web pages or click through lists! Shoppers simply point the CS 2000 at the bar code on the item they wish to order and press the large button to add it to the electronic shopping list stored in the CS 2000's memory. To delete an item, scan the bar code and press the delete button. To place an order, put the CS 2000 in the cradle connected to the PC's serial port and with the click of a mouse the order is on its way.	●			●	●
	Personal Shopping System™: Upon entering the store, shoppers utilize a hand-held scanner to scan and tally purchases. The Personal Shopping System can be hand-held or placed in a mount on the cart for hands-free scanning. When done, shoppers simply pay for their purchases and depart—eliminating a wait at the checkout line.	●				
	CSM 150 Scanning Module: The CSM 150 scanning module is a small, lightweight bar code scanner for the Handspring™ Visor™ personal organizer. Snap the CSM 150 into the Springboard™ socket on the Visor for instant bar code scanning capabilities for home shopping, e-Commerce, or wherever a portable, lightweight, easy to use scanning solution is required.	●			●	●

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Wearable Scanning								
Symbol pioneered the development and introduction of the world's first wearable scanning system worn by the end-user for unencumbered hands-free mobility, empowering users to achieve new levels of productivity.								
	RS 1 Ring Scanner: At just 0.9 in./2.3 cm high and weighing less than 1.7 oz./48 gm, this revolutionary scanner is worn on the index finger with a thumb-activated scanner button. Along with the ability to read poor-quality bar codes, the flexible RS 1 offers complete hands-free operation for improved efficiency and productivity in moving cumbersome packages, products or materials.		●	●	●			
	WS 1200-LR Wearable Scanner: The WS 1200-LR wearable long-range scanner is worn on the back of the hand and triggered by a low-profile, thumb-activated switch. This scanner reads a 55-mil bar code from as far away as 8 ft./2.4 m and a 15-mil bar code from as close as 7 in/17.8 cm, and supports an optional aim spot. Exceptional scanning performance and ruggedness make it ideal for order-picking, stock-pulling and put-away applications in warehouse and distribution environments.			●	●			
	WSS 1040 Wearable Scanning System: Weighing just 11.3 oz./316 gm, this wrist-mounted scanning system features advanced ergonomics and leading-edge data capture technologies. Used with the RS 1 or WS 1200-LR wearable scanners, the WSS 1040 extends your reach to the point of activity in warehouse, distribution and manufacturing applications. Ask Symbol about support for High Rate II Mbps Spectrum 24®.	●	●	●	●	●		
Scan Engines								
Symbol Technologies leads the industry with millions of scan engines installed worldwide. We provide the engineering, integration education, design, and manufacturing support needed to assure that hundreds of OEM products get to market fast, deliver the utmost reliability and offer state-of-the-art performance advantages.								
	SE 900 Scan Engine Series: Measuring just 0.2 cubic inches (3.3 cubic cm), SE 900 Scan Engines are 20% the size and 15% the weight of the SE 1200. This combined with a 650 nm laser diode makes engines in the SE 900 Series the smallest, lightest and brightest series of scan engines available. The small volume ensures the optimal ergonomic design of OEM devices such as hand-held computers, PDAs, medical instruments, diagnostic equipment, lottery terminals, vending machines, robotics and more. Engines in the SE 900 Series are available in decoded and undecoded versions. Ask about the SE 900HS optimized to read PDF bar codes at a rate of 200 scans per second.							●
	SE 1200 Scan Engine Series: With Symbol's small 1.1 cubic inch (18 cubic cm) SE 1200 Scan Engine Series, you can choose among standard-range, long-range, advanced long-range, high-density wide-angle, or high-visibility scan engines. For premium scanning performance in portable or fixed-mount devices, the SE 1200 Scan Engine features a wide temperature range, immunity to ambient light, and durable design. Ask about the SE 1223 decoded version.							●
	SE 2200 Scan Engine Series: The SE 2200 Scan Engine Series will expand the power of your OEM systems. Based on the SE 1200 form factor, this high-performance scan engine is optimized for 2-D scanning and, in addition, offers outstanding performance on both 1-D symbologies. The SE 2200 Scan Engine Series features state-of-the-art Taut Band Elements (TBEs) to allow software control of 1-D and 2-D scan patterns.							●
	SE 3223 Scan Engine: Optimized for 1-D scanning, the SE 3223 scan engine is based on the SE 1200 form factor and measures just 1.5 cubic inches (25 cubic cm). Taut Band Elements (TBEs) allow software control for scan pattern flexibility: a single scan line for linear bar codes, raster for 2-D symbols including PDF417, RSS and Composite codes, and "cyclone"—an omni-directional pattern for "can't miss" read rates even on highly truncated bar codes.							●
	SE 4200 Imager Engine: In recognition of the growing interest in reading standardized matrix symbologies, some of which are best addressed with imaging technology, Symbol introduces the SE 4200 Imager Engine. Based on the SE 1200 form factor, the SE 4200 provides a migration path for OEMs requiring an imaging alternative. Whether decoding PDF417, DataMatrix, Maxicode, postal codes or capturing images, the SE 4200 is the best solution for your OEM needs.							●
	SE 9100 Scan Engine Series: Symbol's SE 9100 Omni-Directional Scan Engine for embedded high-speed, hands-free applications provides super fast "swipe" scanning capability, as well as standard "presentation" scanning. Easy to use and integrate, the SE 9100 is programmable via an RS-232 connection and can download parameters with or without the use of programmable bar codes.							●

*Extreme Environment (XE) scanners, excluding the P460 and P470, are designed to adhere to the following environmental specifications: Units are sealed to the IP54 specification against windblown dust and rain, and withstand multiple 6-ft./1.8 m drops to concrete over the entire temperature range of -22° to 122°F/-30° to 50°C.

For complete information and specifications, visit Symbol's World Wide Web site at <http://www.symbol.com/products>

Support your scanning applications with extremely reliable and versatile scanners from Symbol. Built for productivity and comfort, our scanners are ergonomically designed for power, performance and durability in all your data capture applications. Symbol Technologies is the worldwide leader in bar code-driven data management systems with millions of scan engines and terminals in use. Extend the value of your technology investment with the highest level of scanning innovation.

Specifications are subject to change without notice.

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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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SCANNERS AT-A-GLANCE

Data capture devices for bar code applications throughout your enterprise