Scanners At-a-Glance

Advanced data capture products for bar code applications throughout your enterprise

Advanced Data Capture

OVERVIEW

Enabling true enterprise mobility starts with capturing data: in real time, at the point of business activity. Motorola provides the industry's most robust and innovative line-up of Symbol scanner products — from front-end POS scanners to next-generation industrial scanners. Combining all-around best-in-class performance — and outstanding customer productivity — Motorola is the scanner value leader. Available for a wide variety of data capture applications, Motorola's Symbol scanners provide the highest level of ergonomic excellence, maximum scanning performance and increased productivity for our customers.

Scanners At-A-Glance

General Purpose Handheld Scanners

Available for a wide variety of data capture applications, our handheld laser and digital imaging scanners provide the highest level of ergonomic excellence, maximum scanning performance and increased productivity for our customers.

Symbol LS4200 Series

With the Symbol LS4200 handheld high performance scanner, you're able to effortlessly speed throughput, even with damaged bar codes. Ideal for retail checkout counter, pharmacies and hospitals.

- Durable construction and patented, single circuit-board design
- Multi-line rastering scan pattern: 200 decodes per second
- Superior motion tolerance
- Remote management-ready
- Available in cash register white or twilight black
- Working range: 0-19 in. (0-48.25 cm) on 100% UPC/EAN symbols
- Interfaces supported: USB, RS-232, keyboard wedge, USB, laser/wand emulation, IBM 468X/469X and synapse

Symbol DS6700 Series

Capture bar code data and 1.3 megapixel images with one multi-use scanning device. Provides accurate and cost-effective code-reading capabilities for retail, light manufacturing, government, healthcare, postal and lottery applications.

- Unmatched decoding performance on 1D, PDF and 2D symbologies
- Sub-second digital image capture and transfer for images up to 8.5 in. x 11 in. (DS6707 only)
- Remote management-ready
- Interfaces supported: USB, RS232, keyboard wedge and IBM (Symbol DS6707 — USB and RS232 only)

Symbol Phasers (P460/P470)

Improve productivity at the point of sale, for inventory counts, gift registry or price verification.

- Preloaded inventory application software
- 17-key alpha keypad and 2-line x 20-char. display
- Multiple 5 ft. (1.5 m) drops to concrete over entire temperature range; IP54-rated seal
- Forward-scanning pistol grip
- IP54-rated seal
- Working range: Up to 16 in. (40.64 cm) on 100% UPC/EAN symbols
- Interfaces supported: RS-232, MCL-Link Lite or Symbol Synapse cables (Keyboard Wedge, USB, OCIA, Dual RS-232, etc.)

Symbol LS2200 Series

Maximum productivity and great value in a small, lightweight scanner. Ideal for POS, in-store inventory tracking, pharmacy, healthcare, education.

- Advanced Data Formatting (ADF) enables users to modify data prior to sending to host computer
- Scan rate: 100 scans per second typical
- Bright LED and beeper with adjustable volume
- Cash register white or twilight black
- Nominal working distance: Contact to 17 in. (43 cm) on 100% UPC/EAN symbols (LS2208)
- Interfaces supported: RS-232, Keyboard Wedge, Wand, USB, Synapse and Undecoded, IBM 468X/469X

Symbol LS1200 Series

High-value, POS scanner ideal for tier 4 retailers.

- Plug-and-play, intuitive scanning; requires little or no training to operate or set up
- Nominal working distance: from contact to 8 in. (20cm) on 100% UPC/EAN symbols
- Interfaces supported: RS-232, USB and keyboard wedge

		Warranty	Laser	Digital Imager	Corded	Cordless	PDF	Decodes 1D	Decodes 2D	Omni-directional	Image Capture & Transfer	Keypad Option	EAS (Checkpoint)	Hands-free Intellistand
		Symbol LS4208 High performance laser scanner for high throughput environments where productivity is key; available in 1D only and PDF/Composite configurations	60 Months	■		■		■	■					■	■
		Symbol LS4278 Bluetooth™ cordless scanner for customers who value high productivity and need the flexibility that cordless scanning offers	36 Months	■			■		■	■					■
		Symbol DS6700 Digital imaging scanner with superior 1.3 megapixel image capture and enhanced omni-directional scanning of 1D, PDF and 2D codes	60 Months		■	■		■	■	■	■	■			■
		Symbol P460 Laser scanner with keyboard and display enabling both inventory (batch) and POS (real-time cabled) data collection of 1D codes	12 Months	■		■			■				■		■
		Symbol P470 Wireless RF Scanner with keyboard and display that enables real-time 1D bar code data collection (Keyless option also available)	12 Months	■			■		■				■		
		Symbol LS2208 Small, lightweight scanner offers excellent 1D productivity at a reasonable price	60 Months	■		■			■						■
		Symbol LS1203 Hybrid design handheld scanner offering plug-and-play, intuitive scanning performance at a value price	36 Months	■		■			■						

	Premium Level
	Mid Level
	Value Level

General Purpose Hands-Free 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.

Symbol M2000
Adaptive omni-directional presentation scanner offers four different scan patterns and allows operators to easily switch between hands-free and handheld applications. Ideal for retail, healthcare, warehousing and shipping environments.

- Cyclone omni-directional scan pattern reads even truncated bar codes
- Scan pattern select switch and mode indicator LEDs are top-mounted for easy viewing
- Built-in, adjustable stand
- Nominal working distance: 13 mil: (100% UPC/EAN) 0.3 - 11.0 in. (0 - 27.94 cm)
- Interfaces supported: USB, RS-232, keyboard wedge, wand emulation, synapse and IBM

Symbol LS7708
Perfect choice for higher throughput and increased productivity. Ideal for specialty hard and soft goods, pharmacies/drug stores, retail POS and department stores.

- Presentation or swipe scanning
- Rastering Scan Pattern improves first pass read rates
- Large scan window for easy and intuitive scanning
- Secondary scanner port for oversized items at checkout
- Omni-directional — 24 interlocking scan lines/2,400 repetitions per scan
- Nominal working distance: 13 mil: (100%) 0 - 10.0 in. (0-25.4 cm)
- Interfaces supported: USB, RS-232, keyboard wedge, synapse and IBM 46XX

Symbol LS7808
In-counter slot scanner provides high throughput and first pass read rates to speed checkout in retail POS, grocery stores, department stores, specialty hard and soft goods, and pharmacies.

- Scan stitching and decode algorithms further boost the scanning productivity
- Secondary scanner port for oversized items at checkout
- Option of scratch-proof glass with stainless steel assembly
- Omni-directional — 18 interlocking scan lines/1,800 repetitions per scan
- Nominal working distance: 0 to 6 in. (0 to 15 cm), UPC 100%
- Interfaces supported: USB, RS-232, keyboard wedge, synapse and IBM 46XX

Symbol LS9200 Series
Omni-directional presentation scanners that increase productivity to any point-of-sale environment such as convenience stores, grocery, department, specialty hard and soft goods, pharmacies and library.

- Nominal working distance: Symbol LS9203 — 13 mil: (100% UPC/EAN) 0 to 8.5 in. (0 to 21.6 cm) Symbol LS9208 — 13 mil: (0-9 in./0- 22.9 cm)
- Interfaces supported: USB, RS-232, keyboard wedge, wand, (Symbol LS9208 also supports synapse and IBM)

Symbol MiniScan Family
This family of products can be used as OEM or industrial fixed mount scanners. The rich feature set will offer a tremendous amount of flexibility and convenience for virtually any market or application including kiosks, healthcare, manufacturing, assembly lines, security/ID verification, backroom receiving, library and lottery.

- For fixed mount or OEM applications
- Quick and easy integration
- Excellent scanning performance on all types of bar codes
- Rugged IP54 sealed housing with integrated beeper
- Interfaces supported: RS-232, USB and Synapse
- Easy programming and configuration
- Flexible mounting options

		Warranty	Decodes 1D	Decodes 2D	PDF	Omni-directional	Image Transfer	Single Line Scan Pattern	Multi-line Scan Pattern	EAS Option	Handheld Option
	Symbol M2000 Used either handheld or hands-free this laser scanner reads PDF 417 in addition to traditional 1D barcodes and offers four different scan patterns for optimum data capture	36 Months	■		■	■		■	■	■	■
	Symbol LS7708 On counter, presentation swipe scanner that offers excellent omni-directional POS productivity on 1D codes for high throughput in retail environments	24 Months	■			■			■	■	■
	Symbol LS7808 In counter, slot scanner for excellent POS productivity in high-throughput retail environments where speeding customers through checkout is a crucial requirement	36 Months	■			■			■	■	■
	Symbol LS9208 Omni-directional hands free or handheld 1D scanning for maximum productivity offering single line scan pattern mode for reading bar code menus and pick lists	30 Months	■			■		■	■	■	■
	Symbol LS9203 Omni-directional hands free or handheld 1D scanning targeted at retailers (Tier 3 and below) who need good performance at a value price	24 Months	■			■			■		■
MiniScans	MiniScan fixed mount scanners offer the quickest, easiest and most flexible integration of bar code scanning into many different types of OEM and fixed mount applications.										
	Symbol MS-44XX Omni-directional fixed mount digital imaging scanner that captures and transfers images	12 Months	■	■	■	■	■				
	Symbol MS-32XX High-speed omni-directional fixed mount scanner that reads bar codes quickly and accurately, minimizing the need for precise positioning of linear 1D bar codes — perfect for integration into kiosks	36 Months	■		■	■		■	■		
	Symbol MS-22XX Fixed mount laser scanner with a rastering, multi-line scan pattern that is particularly suited to the needs of manufacturing environments	12 Months	■		■			■	■		
	Symbol MS-12XX Fixed mount laser scanner that is IP54 sealed and offers the largest working range even on poorly printed and low contrast barcodes	36 Months	■					■			
	Symbol MS-954 Fixed mount scanner in a small form factor with an excellent working range and intuitive and rapid scanning on all types of 1D bar codes	12 Months	■					■			

Rugged Scanners

Your warehouses, manufacturing facilities, supply yard and delivery routes need bar code scanners built to withstand heavy use and harsh conditions. Motorola's line of Symbol rugged bar code scanners are sealed to some of the highest standards in the industry and subjected to numerous tumble and drop tests to provide years of trouble-free scanning. With both corded and cordless versions to fit your requirements, you get the reliability and performance you expect from a Symbol scanner.

Symbol Phasers (P360/P370)

These rugged, high-performance devices enable instant decision-making and seamless communications throughout the enterprise. They collect and transmit batch data for increased efficiencies in your warehouse, manufacturing facility or factory floor.

- Preloaded inventory application software
- 17-key alphanumeric keypad and 2 line x 20-character display
- Forward-scanning pistol grip to minimize fatigue
- Laser scanner with 35 ±5 scans per second (bi-directional)
- Nominal working distance: Up to 16 in. (40.64 cm) on 100% UPC/EAN symbols
- Interfaces supported: RS-232, MCL-Link Lite or Symbol Synapse cables (Keyboard Wedge, USB, OCIA, Dual RS-232, etc.)

Symbol DS3400 Family

- Uses digital imaging data capture technology for greater flexibility and accuracy through omni-directional scanning
- The charge-coupled device (CCD) image sensor provides superior data capture for any type of bar code you encounter in industrial applications including 1D, 2D, even damaged or poorly printed barcodes
- Two-position Smart Focus digital imaging technology allows barcode reading regardless of size or density
- Rugged housing ensures reliability in even the harshest environments
- Nominal working distance from 1 in. (2.5 cm) to 14 in. (35 cm) on 100% UPC/EAN symbols
- Sub-second image transfer (Symbol DS3407 only)

Symbol LS3578 Series

The Symbol LS3578 Series of Bluetooth-enabled cordless laser bar code scanners combine superior data capture quality with ergonomic, yet rugged, features to meet the demands of any industrial application — in the yard, warehouse, distribution center or manufacturing plant.

Symbol DS3400DP Series

The Symbol DS3408-DP (corded) and Symbol DS3478-DP (cordless) scanners read 1D/2D bar codes as well as all Direct Part Marks — including dot peen, laser and chemical etch, injet, mold cast and thermal spray marks — and are ideal in automotive, medical and aerospace manufacturing.

Symbol LS3400 Family

This family is built on a common chassis and all share a number of great, productivity-enhancing features including:

- 6.5 ft. (2 meter) drop specification across multiple temperature ranges
- IP65 sealing against water and dust
- Able to withstand 2,500 1-meter tumbles
- Two large, bright LED's
- Programmable 80dB beeper
- Recessed exit window with scratch-resistant, tempered glass
- Integrated tether plate
- Universal interfaces
- Interfaces supported: USB, RS-232, keyboard wedge, USB, laser/wand emulation, IBM 468X/469X and synapse

Symbol LS3008

Offers excellent scanning performance and max. productivity in a light industrial form factor.

- Multi-line rastering scan pattern
- Superior motion tolerance
- Durable construction and patented, single board design
- Able to withstand 6 ft. drops
- IP53 sealing
- Interfaces supported: USB, RS-232, keyboard wedge, USB, laser/wand emulation, IBM 468X/469X and synapse

		Warranty	IP53 Sealing	IP54 Sealing	IP65 Rated	Corded	Cordless	Standard Range	Extended Range	Laser	Digital Imager	Image Capture Transfer	Omni-directional	Decodes 1D	Decodes 2D
	Symbol P360 Rugged corded scanner with keyboard and display that enables both inventory (cordless batch) and real-time cabled data collection	12 Months		■		■		■		■				■	
	Symbol P370 Cordless 2.4GHz point-to-point narrow band scanner for 1D applications requiring the flexibility to move freely within the work station and throughout the enterprise	12 Months		■			■	■	■	■				■	
	Symbol DS3478 Rugged cordless digital imaging scanner with multi-point communication for omni-directional reading both 1D and 2D codes	36 Months			■		■	■			■		■	■	■
	Symbol LS3478ER Cordless laser scanner for use when long range is required on 1D codes from near contact to 45 ft. (15m)	36 Mo.			■		■		■	■				■	
	Symbol LS3478FZ Cordless laser scanner optimized with fuzzy logic technology for fast and accurate reading of poorly printed or damaged 1D bar codes	36 Months			■		■	■		■				■	
	Symbol LS3578ER The Symbol LS3578-ER Bluetooth-enabled cordless rugged scanner scans all one-dimensional (1D) bar codes from practically anywhere.	36 Months			■		■		■	■				■	
	Symbol LS3578FZ This Bluetooth-enabled cordless, rugged scanner captures all one-dimensional (1D) bar codes — even when dirty, damaged or poorly printed.	36 Months			■		■	■		■				■	
	Symbol DS34X8DP Rugged digital imaging scanner designed to read all Direct Part Marks as well as 1D and 2D codes	36 Mo.			■	■	■	■			■		■	■	■
	Symbol DS340X Corded, rugged digital imaging scanner for omni-directional reading of both 1D and 2D codes and sub-second image capture and transfer of images	36 Months			■	■		■			■	■	■	■	■
	Symbol LS3408ER Corded laser scanner for use when long range is required for reading 1D codes from near contact to 45 ft. (15m)	36 Months			■	■			■	■				■	
	Symbol LS3408FZ Corded laser scanner optimized with fuzzy logic technology for fast and accurate reading of poorly printed or damaged 1D bar codes	36 Months			■	■		■		■				■	
	Symbol LS3008 Rugged, yet lightweight design that offers maximum scan performance on 1D codes at an affordable price	36 Months	■			■		■		■				■	

For more information about Symbol scanners from Motorola, visit **www.symbol.com/scanners**. To access our global contact directory, please go to **www.symbol.com/contact**

MOTOROLA

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