

MiniScan Series

Miniature, High-Performance Scan Modules



FIXED-MOUNT SCANNERS



Design More Powerful OEM Solutions with the New MiniScan Series

Today's OEMs face the challenge of creating practical solutions with enough value-add to differentiate and at the same time meeting the goals of a variety of real-world applications. From supply chain efficiency to clinical diagnostic equipment to retail kiosks to security/ID verification tools, integrating Symbol Technologies' MiniScan modules cost-effectively enhances your existing system or device, giving you a decisive edge over your competitors.

Symbol's MiniScan Series delivers the next generation of housed engines, offering fast, easy and flexible bar code scanning integration into all kinds of OEM devices. The MiniScan Series gives you the assurance of proven, embedded bar code scan engine technology from Symbol, the world leader in bar code scan engines. Before you design your OEM device, choose the right Symbol Embedded Technology—laser or imager scanning, wireless communications, and mobile computing building blocks—to differentiate and substantiate your solution.

The Applications are Limitless for OEMs

In addition to delivering the smallest scanning solution for the end user, the new MiniScan Series also minimizes your integration effort and speeds up your time to market. Just plug the module in and it's ready to scan. These small, high-performance scan modules come equipped with housing, exit window, decoder and a variety of interfaces, including RS232 and USB. Since all modules are sealed to IP54 standard and feature a loud beeper, easy programming, and provision for mounting, Miniscan modules are easily integrated into a wide variety of fixed-mount OEM applications including:

- ▶ Manufacturing assembly lines
- ▶ Interactive kiosks/ATMs
- ▶ Vending machines and lottery machines
- ▶ Medical equipment
- ▶ Data/tape storage systems
- ▶ Gas pumps
- ▶ Library and document tracking systems
- ▶ In-store music listening stations







A Simple, Flexible Solution for Increasingly Complex OEM Applications

The MiniScan Series of scan modules offers a rich feature set with flexibility and convenience for virtually any market and OEM application. Integration of bar code scanning into your application is easier than ever before. You will find the right capabilities in the new MiniScan Series to meet most of your data capture needs, including:

- ▶ Standard one-dimensional (1D) symbols
- ▶ Reduced-space symbols (RSS)
- ▶ PDF417, a two-dimensional (2D) portable data file with a capacity of up to 2 kilobytes of text and images
- ▶ Composite 1D and 2D symbols

Symbol's Embedded Technology scan modules offer superior scanning with the utmost in reliability to give you the decisive edge over your competition. For more information, contact the Embedded Technology Group at 1-800-722-6234 or visit us at www.symbol.com/oem

MiniScan Series High-Performance Scan Modules

Product	Pattern	Features	Embedded Application Benefits
MS 8xx	 Single line 1D applications	This extremely compact design, based on Symbol's latest miniature scan engine technology, provides high-performance 1D reading.	Optimizes ergonomic design of fixed-mount OEM devices with space constraints such as medical instruments, clinical diagnostic equipment, clinical diagnostic equipment, lottery machines and kiosks.
MS 9xxHS	 High-speed single line 1D and 2D applications	High-speed scan rate of 200 scans per second for 1D symbols and entry-level PDF417 reading.	Ability to aggressively read moving 1D codes in applications such as tape storage systems, or read PDF417 on driver's licenses and ID cards. Smallest size for optimal ergonomic design of OEM systems.
MS 12xxWA	 Single line, wide 1D applications	Features a wide 60° scan angle that accommodates wide 1D bar codes within close range.	Ideal for high-volume, near-contact scanning in applications such as kiosks, ATMs, assembly lines, warehouse and shipping.
MS 12xxFZY	 Single line 1D applications	Incorporates fuzzy logic for premium scanning performance on all types of 1D codes including poorly printed and low contrast symbols.	Ideal for scanning in applications where the print quality is inconsistent or poor. OEM devices and applications include: diagnostic equipment, vending machines, gaming, library and document tracking systems, warehouse and shipping.
MS 22xx	 Raster 2D applications	"Smart" raster pattern fine-tuned for 2D codes such as PDF417, Micro-PDF and Composite codes. High scan rate ensures fast and reliable data capture on all 1D codes including poorly printed symbols.	Excellent accuracy for unattended fixed-mount applications that require high-speed scanning such as conveyor belts for manufacturing and warehouse applications. Ideal for self-scanning at gas pumps, and reading PDF417 in security/ID verification applications.
MS 32xx	 Omni-directional 1D applications	High-speed, rotating omni-directional scan pattern reads 1D symbols in 360 degrees of rotation, eliminating the need to orient the bar code in the field of view. Capable of generating raster pattern to read 2D codes as well.	Easy and intuitive self-scanning for consumers, ideal for kiosks, ATMs, listening stations, and vending machines.



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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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