



**MC3000 2D Imager
configuration**
(shown with 28 key keypad)

The MC3000 is a compact, lightweight, rugged and highly ergonomic mobile computer for scan-intensive environments that provides reliable and versatile data capture options to improve productivity, increase workforce satisfaction, protect investments and enhance enterprise flexibility.



**MC3000 laser configuration
with Rotating Scan Turret**
(shown with 38 key keypad)

Product Description:

The new MC3000 Series is the latest member of the Symbol's family of rugged mobile computing solutions. They complement the MC9000 family of products in that the MC3000 series provide a more ergonomic, cost effective solution when the environment or the application does not require the extreme ruggedness or expanded list of features offered by the MC9000 family.

The Symbol MC3000 improves upon the best selling ergonomic attributes of the PDT3100/6100, such as the popular rotating scan turret, and upgrades key technologies (Operating System, WLAN, data capture technology...) required to meet today's and tomorrow's enterprise needs. The result is a highly ergonomic mobile computing solution that delivers the versatile data capture, real-time wireless communications, and an industry standard mobility platform required for mission-critical enterprise applications.

The 1D laser based version of the MC3000 includes the rotating scan turret. The rotating turret enables the user to optimize the scanning ergonomics for the task at hand, maximizing productivity. The rotating scan turret allows the user to switch between scan intensive and keypad/touch data input with ease. The laser based MC3000 features a 2,600 mAh (@3.7vdc) standard capacity battery, providing full shift battery life. The MC3000 will primarily be sold throughout the retail supply chain including in-store and warehouse/distribution center applications.

The 2D imager based version of the MC3000 is a straight shooter with 22 degree of imaging angle. It's not intended for use in scan intensive applications and does not include the rotating scan turret. The imager based MC3000 is targeted for applications where omni-directional reading of one dimensional and two dimensional barcodes improves employee productivity, and where a 640 x 480 grayscale image capture capability adds value to the application. The imager based MC3000 features a 4,400 mAh (@3.7vdc) high capacity battery. The higher capacity battery provides more power to support imaging applications and enhances the ergonomics of the device. The imaging based MC3000 will primarily be sold into Route Accounting / DSD, Field Service, Public Safety, and Transportation and Logistics when the environment does not require the extreme ruggedness, or WAN connectivity, offered by the MC9000 family.

Feature Set:

- 1D laser scan engine with rotating scan turret
- Advanced 2D imager with intuitive laser aiming
- Front and side scan triggers allow for one or two-handed operation
- 320x320 resolution monochrome or color backlit display
- 802.11 b/g wireless local-area networking
- 28 key, 38 key and 48 key keypad layout options
- Intel XScale PXA270 processor
- Windows CE 4.2 operating system
- User-accessible SD/MMC SD slot for memory expansion
- MSP Compliant

Customer Benefits:

The MC3000 features deliver the following key customer benefits:

Superior Scanning Ergonomics: Mobile computers are being deployed to support an increasing number of applications in order to drive efficiencies and productivity. These applications range from scan intensive to data entry intensive. The MC3000 laser configurations' adjustable scan turret has three scanning positions for Left, Right, and Front scanning, allowing the user to adjust the scanning position to suit the task for maximum comfort and productivity.

Ergonomic with Rugged Design: The MC3000 is a great balance between ergonomics and rugged design. The MC3000 is able to withstand multiple 4-foot drops (1.2 meters) to concrete across the entire temperature range and has an IP54 sealing rating against dust and moisture. The Symbol tumble specification, introduced to the market with the MC9000 family, set a new standard for quantifying a products ruggedness. The MC3000 withstands 500 x 1/2 meter tumbles – equivalent to 1,000 x 1/2 meter drops, resulting in a product that enhances user productivity while enduring everyday use.

802.11 b/g Wireless Connectivity: As enterprise customers install or upgrade their WLAN infrastructure, they need a mobile computer that supports this migration. The MC3000 is the first product from Symbol to support both 802.11b and 802.11g WLAN. 802.11a functionality will be shipping in 2005 (exact time frame to be announced in Q1 2005). The MC3000's 802.11g performance provides impressive data throughput rates of 18Mbps download and 16Mbps upload.

High Resolution Displays: The MC3000 display (320 by 320 resolution) provides at least 30% greater resolution than most products in its class, as well as 30% greater resolution than ¼ VGA displays. The MC3000 is available with a monochrome display for customers who want a cost effective solution or a color display for the improved user experience. **A resistive touch panel is standard on all configurations allowing customers to incorporate touch input into their applications.**

Power Management: Advances in system-level power management combined with appropriate capacity results in battery life that typically exceeds full-shift usage. As an example, the MC3000 Laser configuration, with color display, will provide 8 hours of battery life under the extreme usage profile of 600 scans **and** 802.11 transmissions (and receive) per hour and with the backlight continuously on. This makes users more productive, reduces the need for spare batteries, and prolongs the need for replacement batteries.

Mobility Services: The Mobility Service Agent, resident in the MC3000, reduces the total cost of ownership of enterprise mobility solutions. Mobility management software accelerates the roll-out of mobile devices, networks, and applications while providing end-to-end management visibility and expediting problem resolution.