

Capture, Move and Manage Data in Real Time for Real Business Value

The MC3000 from Symbol Technologies is a lightweight, rugged mobile computer ideal for scan-intensive environments that require high-quality data capture throughout the enterprise. Its superior ergonomic design and flexible configurations facilitate faster decision making and increased workforce satisfaction inside the retail store, on the loading dock or on a delivery route.

Unprecedented Flexibility, Performance and Power

A variety of feature options, including one-dimensional (1D) laser and 2D image scanning, color or monochrome display, batch or wireless communications, and three different keypad options, allows you to meet your customer, employee and IT needs. And, for added comfort and productivity, the laser scanner configuration is equipped with a rotating scan head with left, right and front positions.

Reliable Performance in Variable Conditions

The MC3000's rugged design and IP54-rated sealing ensures continued use and uptime by protecting against dust, moisture and extreme temperatures. And, whether working inside or out, the MC3000 has a drop spec of four feet to concrete across vast temperature ranges, reducing equipment and maintenance costs.

Unlock the Value of Your Information with Microsoft Windows CE

Bringing the next generation of mobile computing to your business, Symbol's MC3000 is built on the Windows® CE operating system. With real-time processing, faster performance, rich multi-media and Web browsing capabilities, your enterprise can become truly mobile with interoperability between personal computers, servers, Web services and devices.

Services for Seamless Deployment

Symbol Enterprise Mobility Services go beyond mobile devices and wireless connectivity to ensure that every aspect of your mobility solution works seamlessly and at maximum efficiency.



FEATURES

BENEFITS

Light, ergonomic design

Reduces user fatigue for higher productivity in scan-intensive applications

Adjustable scan head with left, right and front positions

User can adjust the scanning positions for maximum comfort and productivity

320 x 320 resolution color/mono display (with backlight)

30% higher resolution than 1/4 VGA allows easy viewing in many environments for increased accuracy

Wireless 802.11b/g LAN connectivity

Provides real-time data exchange for maximum productivity

Rugged design

Designed to withstand multiple 4-foot drops (1.2m) to concrete and up to 500 tumbles

IP54-rated sealing

Protects against water and dust for reliable performance in rough environmental conditions

Intel XScale PXA270 processor and Microsoft Windows CE operating system

Delivers high-speed CPU performance through familiar interfaces with wide software application support

Keyboard options include 28, 38 and 48 keys

Provides multiple data-entry modes for maximum efficiency

Device management with Mobility Services Platform (MSP)

Enables real-time monitoring of critical mobile computer and wireless infrastructure parameters

MC3000 Specification Highlights

Physical Characteristics

Dimensions	Imager Configuration	7.43 in L x 3.18 in W x 1.76 in D (188 mm x 80.8 mm x 44.7 mm) At grip: 2.40 in W x 1.43 in D (61 mm x 36.3 mm)
	Laser Configuration	8.33 in L x 3.18 in W x 1.57 in D (211.6 mm x 80.8 mm x 39.9 mm) At grip: 2.40 in W x 1.10 in D (61 mm x 27.9 mm)
Weight	Laser Configuration	13.4 oz (379 gm) (with WLAN)
	Imager Configuration	15.1 oz (428 gm) (with WLAN)
Keyboard		28, 38 and 48 key Terminal emulation (5250, 3270, VT)

Performance Characteristics

	Monochrome Display Configuration	Color Display Configuration
Display Resolution	320 x 320	320 x 320
Operating System	Microsoft Windows CE4.2 Core Version	Microsoft Windows CE4.2 Professional Version
Application Development	Symbol SDK	Symbol SDK
Environment	Microsoft Windows CE SDK	Microsoft Windows CE SDK
Processor	IntelXScale PXA270 @312MHz	IntelXScale PXA270 @520MHz
Memory FLASH/ RAM (MB)	64/32	64/64
Data Capture	1D Laser	1D Laser 2D CCD Imager
Secure Digital Slot	User accessible (located under battery) - approved for memory expansion only	
Communications	RS-232, USB (Host and Client)	
Power	Laser Configuration	2,600 mAh @ 3.7Vdc
	Imager Configuration	4,400 mAh @ 3.7Vdc

User Environment

Operating Temperature	Monochrome: -4° to 122°F (-20° to 50°C) Color: 14° to 122°F (-10° to 50°C)
Storage Temperature	-22° to 160°F (-30° to 70°C)
Humidity	5% to 95% non-condensing
Drop	Multiple 4-foot (1.2 m) drops to concrete across operating temperature
Tumble	500 one-half meter tumbles at room temperature (1,000 drops)
Environmental Sealing	IP54 Category 2
ESD	+/-15kVDC air discharge +/-8kVDC direct discharge +/-8kVDC indirect discharge

Wireless Data Communications

WLAN	Symbol Spectrum24, 802.11b, 802.11g
Output Power	100 mW U.S. and international
Data Rate	802.11b: 11 MB per second 802.11g: 54 MB per second
Antenna	Internal
Frequency Range	Country-dependent; typically 2.4 to 2.5 GHz

Peripherals and Accessories

Cradles	Single-slot USB/RS-232 charging cradle with spare battery well Four-slot Ethernet charging cradle Four-slot Charge-only cradle
Chargers	Four-slot battery charger Adaptor for universal battery charger
Printers	Support Symbol approved printers
Other Accessories	Holsters, charging cables

Regulatory

Electrical Safety	Certified to UL60950, CSA C22.2No. 60950, EN60950/IEC 950
EMI/RFI	North America: FCC Part 2 (SAR), FCC Part 15, RSS210 Class B, Radio Versions EN 301 489-1, 489-17
EMI/RFI EU: Batch Versions	EN55022 Class B EN55024 Japan: CISPR 22, Class B Australia: AS3548 North America: FCC Part 15, ICES 003 Class B
Laser Safety	IEC Class 2/FDA Class II in accordance with IEC60825-1/EN60825-1

EN410 CE



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MC3000 01/05