

MC9000-K Specification Highlights

Market: Transportation and Logistics

Applications

Pick-up and delivery
Fleet management
Vehicle tracking and maintenance
Baggage and cargo tracking

User

Route drivers
Shipping and receiving personnel
Baggage and cargo personnel

Market: Manufacturing and Warehouse

Applications

Shipping and receiving
Inventory turns/visibility
Asset allocation
Order fill accuracy

User

Shipping and receiving personnel
Warehouse personnel
Shift supervisors
Assembly line workers

Market: Retail

Applications

Warehouse management
Returns processing
Yard management

User

Warehouse personnel
Loading dock personnel
Supervisors

Market: Field Service

Applications

Service automation
Inventory management
Logistics optimization

User

Field service technicians

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Physical and Environmental Characteristics

Dimensions:	9.2 in L x 3.6 in. W x 1.7 in. H 23.4 cm L x 9.1 cm H x 4.3 cm H
Weight:	22-25 oz., configuration-dependent
Keyboard:	28-, 43- and 53-key
Display:	Embedded CE models: 3.8 in. 1/4 VGA Mono or Color Windows Mobile models: 3.8 in. 1/4 VGA Mono or Color
Power:	Removable, rechargeable 7.2 volt Lithium ion 2200 mAh, 15.8 watt hours

Performance Characteristics

CPU:	XScale PXA255 processor at 400 MHz
Operating System:	Microsoft Windows Embedded CE. NET or Windows Mobile 2003 with Pocket PC Phone Edition
Memory (RAM/ROM):	Embedded CE: 32/32 MB Windows Mobile: 64/64 MB or 128/64 MB
Application Development:	SDK available through Symbol Developer Zone Web site
Data Capture Options:	1D laser scan engine 1D and 2D imaging engine omnidirectionally reads symbologies and captures grayscale images and signatures with intuitive laser aiming

User Environment

Operating Temperature:	Monochrome: -4 F° to 122° F (-20° C to 50° C) Color: -4 F° to 122° F (-20° C to 50° C)
Storage Temperature:	-25° F to 160° F (-40° C to 70° C)
Humidity:	5% to 95% non condensing
Drop Spec:	Multiple drops to concrete: 6 ft. (1.8 m): -20° C to 50° C
Tumble:	2,000 one-meter tumbles at room temperature (4,000 drops)
Environmental Sealing:	IP64 (electronic enclosure, display and keypad)
ESD:	+/-15kVdc air discharge +/-8kVdc direct discharge +/-8kVdc indirect discharge

Wireless Data Communications

WLAN:	Symbol Spectrum24®, 802.11b, 802.11
Output Power:	100 mW U.S. and international
Data Rate:	802.11b: 11 MB per second DS 802.11: 2 MB per second FH
Antenna:	Internal
Frequency Range:	Country-dependent; typically 2.4 to 2.5 GHz
PAN (Bluetooth Support):	Optional
WWAN:	GSM / GPRS and CDMA (1XRTT), Peripherals and Accessories
Cradles:	Single-slot serial/USB, vehicle, 4-slot Ethernet, 4-slot charge only
Printers:	Supports extensive line of Symbol-approved printers and cables
Charger:	Universal battery charger, 4-slot battery charger
Other Accessories:	Cable adapter module; snap-on magnetic stripe reader; modem module; holster; full set of cables; and user accessible SD card slot

Regulatory

Electrical Safety:	Certified to UL60950, CSA C22.2 No. 60950, EN60950/IEC 950
EMI/RFI Radio Versions:	North America: FCC Part 2 (SAR), FCC Part 15, RSS210 Class B, EN 301 489-1, 489-17
EMI/RFI Batch Versions:	EU: EN55022 Class B EN55024 Japan: CISPR 22, Class B Australia: AS3548 North America: FCC Part 15, ICES 003 Class B
Laser Safety:	IEC Class2/FDA Class II in accordance with IEC60825-1/EN60825-1



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