MC909X-K

FEATURES

Converged voice and data including multi-mode wireless LAN/WAN/PAN and advanced data capture options
Enables automation of repetitive tasks inside and outside the four walls for increased productivity, response times and customer service levels

WWAN: Integrated quad band EDGE/GPRS/GSM or iDEN radio
Supports converged applications world-wide through a single platform

Integrated 802.11a/b/g WLAN radios
Ubiquitous voice and data connectivity inside and outside your four walls for maximum efficiency gains

Empower mobile workers inside and outside the four walls with integrated multi-mode wireless WAN/LAN/PAN

Building on the success of the Motorola MC9000 family, the rugged MC909X-K hand-held mobile computer delivers the exceptional reliability mobile workers inside and outside your four walls need to provide real-time visibility into business-critical information. Designed to handle all-day every day use in nearly any environment, the MC909X-K enables route salespeople, field repair personnel, and workers in the warehouse or on the retail floor to access, as well as capture and send, crucial business information in real time. The latest advances in mobile technology, proven rugged construction, and support for multi-mode wireless connectivity ensure maximum accessibility to co-workers and business systems. Business processes are streamlined and errors are reduced, effectively increasing productivity — and profitability.

The power to run rich enterprise applications

From the latest operating system and processor designed to handle the specific demands of mobility, to robust persistent storage capabilities and multiple advanced data capture options, the MC909X-K provides the power to run nearly any application, including voice and multimedia. Built-in bar code scanning and image capture in a rugged form factor is ideal for many functions — from pick-up and delivery, fleet maintenance and inventory counts to direct store delivery, and more. Workers can count on ample battery life for a full shift through superior power management. And modular keypads, a rugged touch panel and a display that is easy to read inside and outside provide users with maximum ease-of-use and comfort.

Rugged construction and centralized management deliver a low TCO

The MC909X-K is designed to withstand rigorous use in extreme environments and a wide variety of operating conditions. Adding Motorola's Mobility Services Platform (MSP) enables you to quickly and easily provision, track and support all your MC909X-K devices from a central location, delivering an unprecedented level of simplicity and low cost to management of mobile devices. And Motorola's full suite of services offers everything from deployment assistance to comprehensive support plans that include repair of everyday wear and tear. The MC909X-K — delivering outstanding investment protection and a low total cost of ownership through superior design, construction, manageability and support services.

For more information on the MC909X-K and its full line of accessories, contact us at +1.800.722.6234 or +1.631.738.2400, or visit us on the web at: www.symbol.com/mc9090k

WPAN: Bluetooth v1.2 radio
Wirelessly synchronize, print, and connect to a headset

Exceptionally rugged construction: passes industry's most stringent drop and tumble tests; IP64 sealing rating; integrated internal antennas
Built for year-round field and office use; withstands multiple 6 ft. drops, heat, cold, rain and more; dramatically reduces repair and downtime costs; delivers enterprise performance and ROI

Intel XScale PXA270 processor: 624 MHz; enhanced memory architecture for persistent storage
Supports simple to complex multimedia applications

Windows Mobile 5.0 Premium (non-WAN) or Phone Edition (WAN)
Latest operating system provides intuitive user interface

1D and 2D bar code scanning; image capture; intuitive laser aiming
Real-time data capture automates and error-proofs business processes

MC909X-K Specifications

Physical and Environmental Characteristics

Dimensions:	WLAN/WPAN version: 9.1 in. L x 3.6 in. W x 2.2 in. H 23.1 cm L x 9.1 cm H x 5.6 cm H WWAN version: 9.1 in. L x 3.6 in. W x 2.3 in. H 23.1 cm L x 9.1 cm H x 5.8 cm H
Weight:	22-25 oz./623-708 g, configuration-dependent
Keyboard:	28-, 43- and 53-key
Display:	3.8 in. QVGA color
Power:	Removable, rechargeable 7.2 volt Lithium ion 2200 mAh, 15.8 watt hours

Performance Characteristics

CPU:	Intel XScale Bulverde PXA270 processor at 624 MHz
Operating System:	Microsoft Windows Mobile Premium and Phone Editions
Memory (RAM/ROM):	64 MB/128 MB; SD/MMC card
App. Development:	SDK available through Motorola Support Central Web site
Data Capture Options:	1D standard range scan engine; omni-directional 1D and 2D imaging engine reads symbologies and captures grayscale images and signatures with intuitive laser aiming
Audio Options:	Wired headset; speakerphone; Bluetooth headset

User Environment

Operating Temp.:	-4° to 122° F/-20° to 50° C
Charging Temp.:	32° to 104° F/0° to 40° C
Storage Temp.:	-40° F to 158° F/-40° C to 70° C
Humidity:	5% to 95% non condensing
Drop Spec:	Multiple drops to concrete: 6 ft./1.8 m across the operating temperature range
Tumble Spec:	2,000 one-meter tumbles at room temperature (4,000 drops)
Sealing:	IP64 (electronic enclosure, display and keypad)
Electrostatic Discharge (ESD):	±15kVdc air discharge, ±8kVdc direct/indirect discharge

Wireless Data Communications

WLAN:	802.11a/b/g Note: 802.11a not available in Thailand
Output Power:	100 mW U.S. and international
Data Rate:	802.11a: up to 54 Mbps; 802.11b: up to 11 Mbps; 802.11g: up to 54 Mbps internal
Antenna:	Internal
Frequency Range:	All country dependent: 802.11a - 5 GHz; 802.11b – 2.4 GHz; 802.11g – 2.4 GHz
PAN (Bluetooth):	Bluetooth Version 1.2 with BTExplorer (Manager) included
WWAN:	EDGE/GPRS/GSM; iDEN (upgradeable to WiDEN)

Peripherals and Accessories

Cradles:	Single-slot serial/USB, vehicle, 4-slot Ethernet, 4-slot charge only
Printers:	Supports extensive line of Motorola-approved printers and cables
Charger:	4-slot universal battery charger
Other Accessories:	Cable adapter module; snap-on magnetic stripe reader; modem module; full set of holsters; full set of cables; and user accessible SD card slot

Regulatory

Electrical Safety:	Certified to UL60950-1, CSA C22.2 No. 60950-1/IEC 60950-1
EMI/RFI:	**Non-WAN:** FCC Part 2 (SAR), FCC Part 15 RSS210, EN 300 328, EN 301-489-1, 489-17 **Edge/GPRS:** FCC Part 2 (SAR), FCC Part 22, FCC Part 24, FCC Part 15 RSS210, EN 300 328, EN301 489-1/-7/-17 **iDEN:** FCC Part 2 (SAR), FCC Part 15 RSS210, FCC Part 90
Laser Safety:	IEC Class2/FDA Class II in accordance with IEC60825-1/EN60825-1

©N410 CE

LASER LIGHT- DO NOT STARE INTO BEAM
CLASS 2 LASER PRODUCT
LASERLICHT - NICHT IN DEN STRAHL BLICKEN
LASER KLASSE 2
LUMIERE LASER - NE PAS REGARDER DANS
LE FAISCEAU APPAREIL A LASER DE CLASSE 2
630-680nm, 1mW

Microsoft® Windows® Powered™

Designed for Windows Mobile™

MOTOROLA