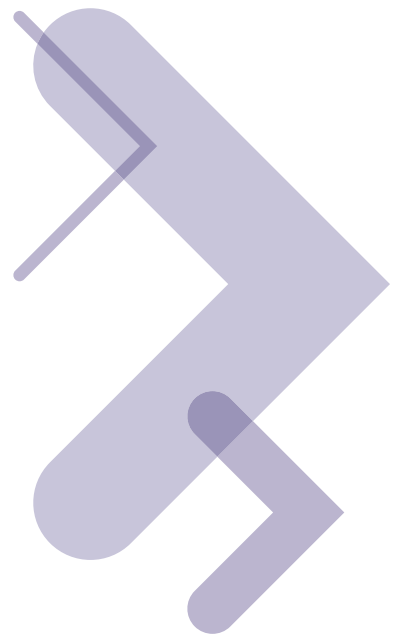




# MC35

Enterprise Digital Assistant





Please Sign

John Capp

Cancel

Clear

OK

***Easy to use...easy to carry...  
and built for business.***



## All-in-one enterprise functionality in a durable pocketable device

Keep your on-the-go employees connected to co-workers, clients, and your business systems with the MC35 Enterprise Digital Assistant from Motorola. The MC35, supporting EDGE GPRS/GSM, packs a new level of enterprise connectivity, functionality, durability and manageability in a small, easy-to-carry and easy-to-use device. Mobile voice and data communications, image capture and bar code scanning capabilities are right at the fingertips of mobile workers. Built-in durability delivers reliable performance, even with all day everyday use. With the MC35, sales personnel in the field, managers on the retail floor, and others remain productive and 'in the know' — regardless of whether they are inside or outside the enterprise walls. And Motorola's centralized management solution enables the deployment, updating and monitoring of devices all over the world at the press of button.

### **Comprehensive mobile voice and data functionality**

The MC35 is purpose-built from the inside-out for voice and data communications. Voice functionality includes outstanding mobile voice quality and superior acoustic performance. Flexible voice modes include speakerphone, headset and push-to-talk for one-to-one and one-to-many voice communications. When it comes to data, the MC35 provides your workers with a reliable connection to email, messaging, the Internet and your business systems, as well as comprehensive data capture and PDA-like functionality. With the power of integrated voice and data, mobile workers can easily monitor and respond to the

many forms of business communications — from phone calls and email, to instant and text messages. Full email functionality includes the ability to download and view attachments. The on-board color camera offers dual functionality — users can toggle between image capture and bar code reading capabilities by simply pressing a switch on the side of the device. The integrated Cam Wedge application instantly decodes any 1D or 2D bar codes, enabling a wide range of on-the-spot bar code scanning applications. And access to personal productivity tools such as calendars and address books help workers remain organized and productive throughout the workday.

### **FEATURES**

**Business-essential durability**  
Ability to withstand everyday use in a variety of environments

**Tested and validated vertical applications**  
Many enterprise applications enable robust functionality out-of-the-box; significantly reduces application development time and costs

**Intel's latest processor: XScale PXA270 @ 416 MHz**  
Desktop-like multimedia performance with lower power requirements



**Microsoft's latest operating system: Windows Mobile 5.0 Phone Edition**

Comprehensive voice and data enterprise functionality, including multimedia support, persistent memory

**Speakerphone, headset and push-to-talk functionality**

Flexible voice communication options to meet the needs of any business environment

**WWAN: EDGE GPRS/ GSM compatibility**

Voice and high-speed wireless data

**WLAN: 802.11/b/g**

Cost-effective data connectivity in the office

**WPAN: Bluetooth v1.2**

Wireless modem, printing synchronization, and more

**GPS radio**

Supports a wide range of value-add location-based services and applications

**Integrated high-resolution 2MP camera; macro focus; LED flash**

Enables on-the-spot high-quality imaging, enabling the capture of documents as well as 1D and 2D bar codes

**2.8 in. QVGA color screen**

Easy to view in any lighting

**User accessible SDIO card**

Ample power for full shifts in nearly any environment

**Multiple battery options: standard and extended**

Ample power for full shifts in nearly any environment

**Touch screen and optional keyboard functionality**

Allows multiple data input methods to maximize application functionality and serve user preference



The MC35 simplifies life on the road for sales and service personnel, providing comprehensive business functionality in a compact yet durable device — including voice, bar code scanning, image capture and access to SFA, CRM, ERP and other business applications.

## **A world of applications at the fingertips of your workers**

When you give your employees the MC35, you put the combined power of a mobile phone with GPS, laptop, camera, and bar code scanner at their fingertips. Robust mobile voice communications enables users to place individual private phone calls or broadcast walkie-talkie style to an entire workgroup. On-the-go anywhere anytime Internet access allows employees to enjoy many of the key business functions of their laptop — from email access to the ability to monitor and respond to meeting requests, and more. The two megapixel camera enables delivery drivers to document damaged shipments, retail personnel to capture images to verify the condition of returned items, and more. And the ability to read bar codes enables a wide range of on-the-spot applications that streamline processes and improve customer service. For example, workers on the retail floor can instantly check pricing and stock for a customer by reading the barcode of a shelf or product tag — the

need to locate a computer or search the backroom is eliminated. And pharmaceutical salespeople can scan bar codes on medication samples and capture an image of the physician's signature to quickly and cost-effectively meet regulatory requirements.

## **Built for all day everyday use — inside and outside the enterprise**

The MC35 offers the best of both worlds — the sleek styling today's mobile workers want in a converged device that offers the durability to endure everyday enterprise use. Impact testing across the operating temperature range ensures reliable operation in spite of the inevitable everyday drops. Internal WWAN, WLAN and WPAN radios eliminate a common point of vulnerability. Industrial connectors are built to endure regular connection of headset jacks, charging cables and more throughout every business day. And since the keyboard is rated to a minimum of half a million actuations and the touch screen to one million 'swipes', the MC35 delivers dependable performance — even with regular daily use.

## True anytime anywhere wireless networking capabilities with WWAN/WLAN/WPAN

Regardless of what type of wireless communication your workers need throughout the workday, the MC35 meets their needs.

**WLAN:** Inside your building, integrated 802.11/b/g provides an instant connection to your wireless LAN, providing cost-effective access to email, business-critical applications and your business systems.

**WWAN:** For workers in the field, WWAN connectivity keeps employees connected with support for EDGE GPRS via your GSM carrier. These high-speed wireless networks provide your workers with data rates that can support a wide range of data services — from fast Internet access and large file downloads to streaming audio and video.

**GPS:** Embedded GPS technology enables rapid identification of device location, providing support for a host of location-based services and applications — from turn-by-turn directions to vehicle tracking. GPS capability also enables enterprises to improve routing efficiency and reduce fuel consumption, providing productivity gains and a reduction in operating costs. And express-GPS connect software provides faster first time to fix for first GPS location read.

**WPAN:** When it comes to personal convenience and comfort, WPAN functionality provides the freedom and ease of wireless connectivity to personal devices, such as headsets, printers, keyboards, laptops and more. Users enjoy on-the-spot printing, the ability to use the device as a modem for their laptop, easy laptop synchronization of data, and more.

## Centralized management simplicity

In conjunction with Mobility Services Platform (MSP), the MC35 offers enterprise manageability, dramatically reducing the time and costs associated with the management of mobile devices. With MSP, your IT staff can remotely provision, monitor and troubleshoot devices, regardless of where in the world they may be located. With this capability, IT can roll out or update hundreds or thousands of devices at the press of a button. This powerful centralized management solution significantly reduces the complexity of your mobility solution, enabling your IT staff to remain focused on higher level strategic technology initiatives — instead of mired in the day-to-day details of managing mobile devices.

## An operating system built to support enterprise needs

Built on Microsoft's Windows Mobile 5.0 Premium Phone Edition, the MC35 offers significant business advantages over similar devices built on the Windows Mobile Smartphone Edition platform. While the Smartphone Edition is designed for devices that will primarily be utilized as cell phones or smartphones, the Premium Phone Edition is designed to enable enterprise voice and data functionality on a digital assistant, including interaction with a wide range of enterprise applications and business systems.

Enterprise functionality enabled by the Phone Edition includes:

- Flexible data entry options — Support for a touch screen and supplemental keyboard expand the world of possible applications.
- Terminal services client — The ability to log on and control your desktop from the MC35 delivers powerful benefits for mobile employees and reduces application development requirements — and costs. Mobile employees can easily access a needed file from outside the office, as well as all of the business systems and applications that are available on the desktop — significantly reducing the need to develop the same application for the desktop and again for the mobile device.
- Integrated Word Mobile, Excel Mobile, and PowerPoint Mobile — Instant access to leading business productivity software programs greatly improves general device usability. For example, business-related email attachments are easy to view and modify, and standard business forms (such as an expense spreadsheet) can be utilized on the go.

## Expandable storage, operation time and more

While the MC35 is packed with functionality, a user-accessible SDIO slot enables the expansion of capabilities today, and the flexibility to meet the needs of tomorrow. In seconds, you can easily add new functionality and applications, from expanded storage to support demanding data-intensive applications to RFID. And an optional large capacity battery enables extended operation times for this business essential device — critical for workers in the field.

## MC35 Accessories



Car kit



International travel charger kit



USB cable



High capacity battery (2740 mAh)



The all in one MC35 EDA provides workers outside the office with all the tools needed to streamline processes in and outside the four walls. For example, the ability to capture and transmit signatures in real time can speed the invoicing process, improving the cash-to-cash cycle time — and overall profitability.



The high resolution 2 Megapixel integrated camera enables on-the-spot image capture. This value-add capability is key in a wide variety of business situations — from merchandisers who need to capture shelf condition and competitive displays to field service personnel who can document the condition of equipment to field sales personnel who can document the condition of a shipment.

### **Low Total Cost of Ownership (TCO) and maximum uptime deliver real business value**

With the MC35, your mobile workers have the tools they need to receive and respond to voice and data business communications and access needed business information, wherever they may be. Productivity and responsiveness are increased, and customer service and customer satisfaction are improved. Ease of use and high-value functionality ensures fast user adoption for a rapid realization of benefits — and a rapid return on investment. And the durable device offers a product life that well exceeds that of the traditional consumer smartphone or PDA — delivering outstanding value and a lower total cost of ownership.

And to help you protect your investment and maintain peak performance, Motorola offers Service from the Start with Comprehensive Coverage — a unique service that goes far beyond normal wear and tear to include accidental damage to displays, keypads, and other internal and external components at no additional charge. This significantly reduces your unforeseen repair expenses and helps ensure that your employees continue to receive the critical communications capabilities they need. And options such as Commissioning Service and Express Shipping ensure minimal downtime in the unlikely event your device requires repair.

For more information on how your enterprise can benefit from the MC35, contact us at +1.800.722.6234 or +1.631.738.2400, or visit us on the web at: [motorola.com/mc35](http://motorola.com/mc35)



# MC35 Specification Highlights

## MC35 Accessories

### Physical Characteristics

Dimensions:	5 in. L x 2.59 in. W x 0.81 in. H 127mm L x 65.85mm W x 20.6mm H
Weight :	6.53 oz./185 g (inc. standard battery) 7.3 oz. / 206 g (extended battery)
Display:	Color 2.8 in. QVGA (320X240)
Touch Panel:	Active area 43.2X57.6mm
Backlight:	100 nits
Main Battery:	Rechargeable Lithium Ion 3.7V, 1350 mAh
Extended Cap. Batt.:	Rechargeable Lithium Ion 3.7V, 2740 mAh
Expansion Slot:	Secure Digital card/Multimedia card
Network Connects.:	WAN/LAN (Optional) / PAN
Notification:	Vibration and multiple colored LEDs
Keypad Options:	QWERTY, AZERTY, QWERTZ
Audio:	Speaker, receiver, microphone, headset jack

### Performance Characteristics

CPU:	Intel XScale PXA270 416 MHz processor
Operating System:	Windows Mobile 5.0 Premium Phone Edition Windows Mobile 6 Professional Edition
Memory:	64 MB SDRAM / 128 ROM 128 MB SDRAM/128 Flash
Interface/Comm:	USB 1.1 client

### User Environment

Operating Temp:	32°F to 104°F/0°C to 40°C
Storage Temp:	-13°F to 149°F/-25°C to 65°C
Humidity:	90% non-condensing
Drop Specification:	3 ft./91.44cm to tile
Tumble Spec:	150 1.5 ft./50cm tumbles with included battery (1300 mAh)
Electrostatic Discharge (ESD):	+/-8kV air discharge, +/-4kV direct discharge

### Wireless WAN Data and Voice Communications

WWAN Radio:	EDGE GPRS GSM (850/900, 1800/1900 MHz)
Antenna:	Internal
GPS-enabled:	Embedded GPS with Express GPS connect

### Wireless LAN Data

WLAN Radio:	802.11b/g
Data Rate:	Up to 11 Mbps for 802.11b; Up to 54 Mbps for 802.11g; individual rates supported — 1, 2, 5.5, 6, 9, 11, 12, 24, 36, 48 and 54
Operating Channels:	2.4 GHz ISM Band
Security:	WZC: WPA1, WPA2, 802.1X (EAP-TLS + WPA, EAP-TLS + WEP (EAP-PEAP + WPA, EAP-PEAP + WEP)
Spreading Technique:	DSSS, OFDM, DBPSK, DQPSK, CCK, 16QAM, 64QAM
Antenna:	Internal

### Wireless PAN Data and Voice Communications

Bluetooth:	v 1.2
Antenna:	Internal
<b>Imager</b>	
Capture Module:	Color camera with flashlight
Resolution:	2 Megapixels
Bar Code Reading Performance:	Reads 1D codes above 8Mil and 2D barcodes above 15Mil Typical range on a 100% UPC/EAN Symbol: 3 in. to 7 in./76mm to 177mm
Symbologies Supported:	1D Includes: UPC/EAN, Code 128, Code 39, UCC-EAN128, I2/5 and Codabar 2D Includes: DataMatrix, QRcode and PDF417

### Peripherals and Accessories

Cables:	USB active sync cable (mini-B plug), vehicle charging cable
Battery Chargers:	AC charge adaptor
Vertical Attachments:	Bluetooth printer, customized rubber boot, stereo earbuds

### Regulatory

Electrical Safety:	UL 60950-1, CSA C22.2 No. 60950-1, EN 60950-1, IEC 60950-1 with all national deviations
EMC:	FCC Part 15 Subpart B, ICES-003 Class B, EN 55022, EN 55024, EN 61000-4-3, EN 61000-3-2, EN 61000-3-3, EN 301 489-1, 7, and 17, CISPR 22 Class B, CISPR 24
WLAN and Bluetooth:	FCC Parts 15.247, 15.205, 15.207, 15.209, 15.203, EN 300 328, RSS-210
Quad Band EDGE/GSM:	3GPP TS 51.010, GCF approved module, FCC Part 22 and Part 24, RSS-132, RSS-133, EN301 511
RF Exposure:	FCC 47CFR Part 1.1307(b) Part 2.1093, OET Bulletin 65 Supplement 'C', EN 50360

### Recommended Services

Customer Services:	Service from the Start — Bronze with Comprehensive Coverage
Options:	Commissioning Service; Express Shipping

### Warranty

The standard one year warranty will be offered for workmanship flaws. For breakage and user damage, a pre-determined fixed fee repair/replacement policy will be implemented. Display breakage may be covered with certain contract offerings, such as Service From the Start with Comprehensive Coverage.



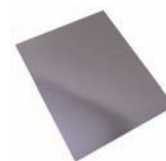
Protective boot



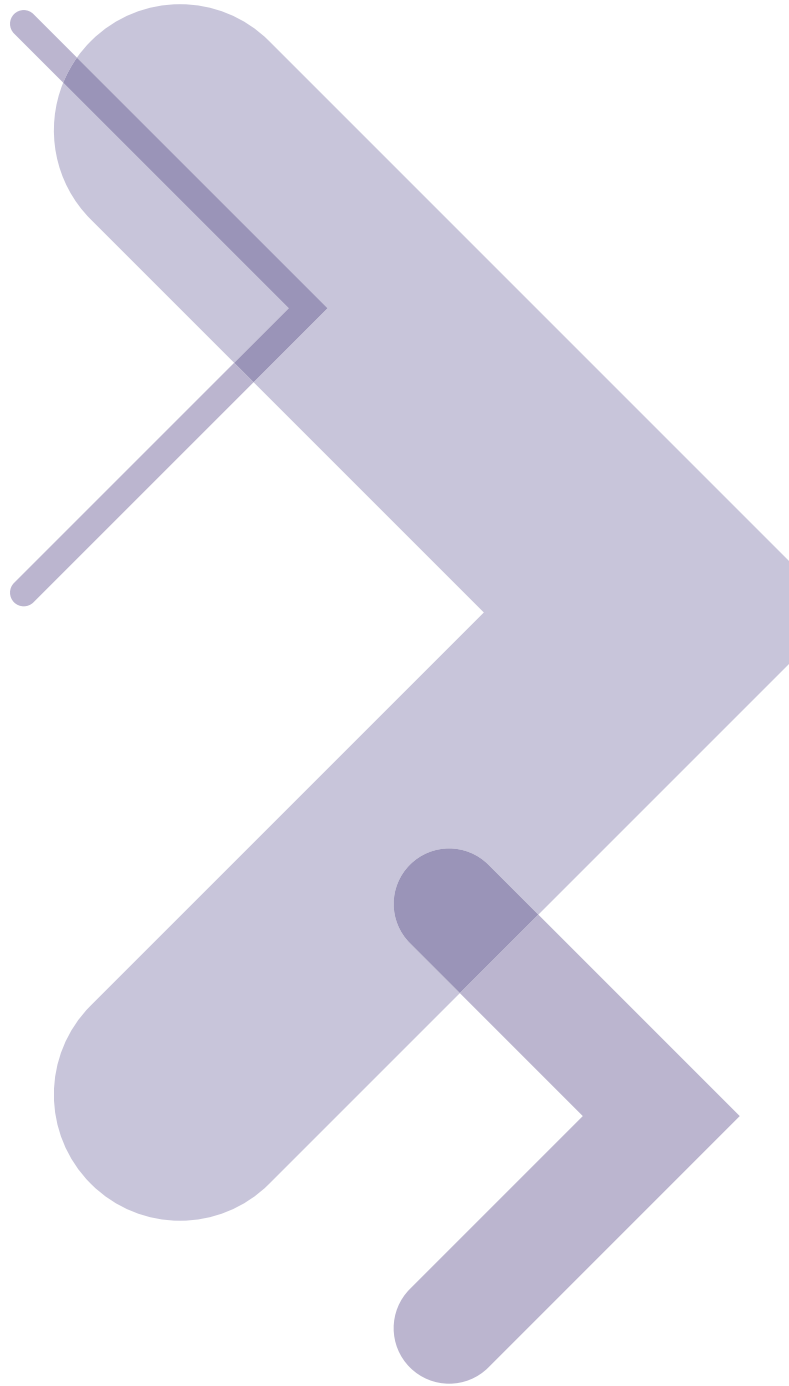
Soft case



Stylus



Screen protectors



**MOTOROLA**

Part number MC35-BRO. Printed in USA 03/07. MOTOROLA and the Stylized M Logo are registered in the US Patent & Trademark Office. Symbol is a registered trademark of Symbol Technologies, Inc. All other product or service names are the property of their respective owners. ©Motorola, Inc. 2007. All rights reserved. For system, product or services availability and specific information within your country, please contact your local Motorola office or Business Partner. Specifications are subject to change without notice.