

# The **SYMBOL MC9090 DPM**

## Wireless LAN Mobile Computer

Reads **All Bar Codes** and **Direct Part Mark Codes**

The all new **MC9090 DPM** Industrial Mobile Computer from Symbol Technologies now offers users the ability to carry out mobile Data Collection and Computing tasks with components and items marked with Direct Part Marked (DPM) codes. Using CCD Imaging Technology and associated lighting, the DMC9090 can accurately read Laser-Etched, Dot-Peened, Ink-Jet and Chemical-Etched Marks.

### Wireless Data Collection and Computing of DPM Codes

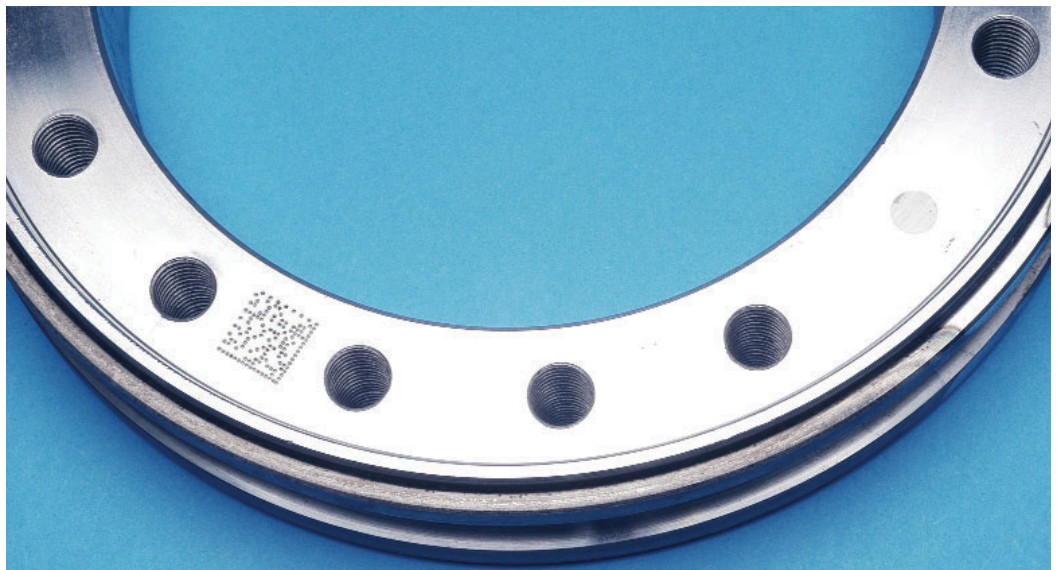
The MC9090-G offers advanced data capture options and integrated wireless LAN/PAN plus a comfortable ergonomic pistol grip to enable real-time data collection wherever the task maybe. With its integral Direct Part Mark reading engine it is able to read all types of two-dimensional (2D) DPM codes as well as one-dimensional (1D) printed codes automatically and in any direction.

### Rugged Construction

The MC9090 has an IP64-rated sealing protection against water and dust to ensure reliable performance in the harshest industrial conditions. Its rugged design withstands multiple 1.8-meter drops to concrete, reducing downtime and costs for maintenance and repairs.

### True Mobility

With International standard Wireless 802.11 LAN capability, combined with a Windows CE Operating System the device is truly a flexible and powerful mobile computer. Enabling you to take the Computer to the Part and not the Part to the Computer!



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# MC9090 DPM

## Specification Highlights



### Physical Characteristics

<b>Dimensions</b>	23.1 cm L x 9.1 cm H x 19.3 cm H
<b>Weight</b>	25 oz./709 g (includes battery, scanner and radio)
<b>Keyboard</b>	53-key; Terminal Emulation (5250, 3270, VT)
<b>Display</b>	Win CE: 3.8 in. QVGA colour
<b>Windows Mobile</b>	3.8 in QVGA colour
<b>Power</b>	Removable, rechargeable 7.2 volt Lithium Ion 2200 mAh battery pack, 15.8 watt hours

### Performance Characteristics

<b>CPU</b>	Intel® XScale™ Bulverde PXA270 processor at 624 MHz
<b>Operating System</b>	Microsoft Windows CE 5.0 or Microsoft Windows Mobile 5.0 Premium Edition
<b>Memory (RAM/ROM)</b>	CE - 64 MB/64 MB; Windows Mobile - 64 MB/128 MB
<b>Expansion</b>	SD/MMC card
<b>Application Development</b>	PSDK, DCP and SMDK available through Symbol Developer Zone Web site
<b>Data Capture</b>	CCD Imager reading Direct Part Marking 2D codes and all common 1D codes

### User Environment

<b>Operating Temperature</b>	-4° to 122° F/-20° to 50°C
<b>Storage Temperature</b>	-40° to 158° F/-40° to 70°C
<b>Drop Specifications</b>	Multiple drops to concrete: 6 ft./1.8 m across the operating temperature range
<b>Environmental Sealing</b>	IP64 (electronic enclosure, display and keypad)

### Wireless Data Communications

<b>WLAN</b>	Symbol 802.11a/b/g
<b>Output Power</b>	100 mW
<b>Data Rate</b>	802.11a: up to 54 Mbps; 802.11b: up to 11 Mbps; 802.11g: up to 54 Mbps
<b>Antenna</b>	Internal
<b>Frequency Range</b>	All country dependent: 802.11a - 5 GHz; 802.11b - 2.4 GHz; 802.11g - 2.4 GHz
<b>PAN (Bluetooth Support)</b>	Bluetooth Version 1.2 with BTExplorer (manager) included

### Peripherals and Accessories

<b>Cradles</b>	Single-slot serial/USB, 4-slot Ethernet, 4-slot charge only
<b>Charger</b>	4-Slot universal battery charger

### Regulatory

<b>Electrical Safety</b>	Certified to UL60950-1, CSA C22.2 No. 60950-1, EN60950-1 IEC 60950-1
<b>EMI/RFI Radio Versions</b>	FCC Part2(SAR), FCC Part15, RSS210; EN 300 328 & EN 301 487, EN55022, EN55024