# DATALOGIC memor

## Pocket-sized mobile computer

# DATALOGIC
### *Your Life. Our Enthusiasm™*

Microsoft® Windows® Powered

IEEE 802.15
Bluetooth®

IEEE 802.11 b/g

MCL TECHNOLOGIES
ORACLE PARTNER

Mobile Computers

## General Description

The NEW Datalogic Memor™ pocket-sized Windows powered mobile computer is an extremely compact, lightweight, versatile and robust device, combining integrated bar code reading and wireless communication capabilities (IEEE 802.15 Bluetooth® or IEEE 802.11 b/g).

It is the best solution in any application environment where compactness, robustness and "open system" compatibility are required.

Although small, compact and light, the NEW Datalogic Memor™ takes advantage of full Windows CE 5.0 that runs on an Intel XScale microprocessor with state-of-the-art architecture.

A QVGA 65K color standard display with touch screen providing extra brightness and amazing sharpness makes this device compatible and easy-to-use in daily work.

A phone-like keyboard makes the NEW Datalogic Memor™ user-friendly and provides access to a complete set of alphanumeric characters.

Thanks to all these extraordinary features and to full Datalogic software compatibility, the NEW Datalogic Memor™ satisfies all mobile application needs.

In addition to 64+128MB of on-board memory, a user-accessible Secure Digital card slot expands the storage capacity of the device, satisfying all specific requirements of any application.

Standard connectors on the base of the terminal make direct connection possible for power supply and data communication. The mini-USB cable and compact power supply are provided with the terminal making the NEW Datalogic Memor™ "ready to use out of the box".

For additional application needs, a dedicated cradle is available which includes a slot for spare battery recharging.

The NEW Datalogic Memor™: the best answer for enhancing your business opportunities.

## Features

> Ergonomic, compact and robust
> Microsoft Windows CE 5.0
> Intel PXA Microprocessor
> Wireless communication option (IEEE 802.15 Bluetooth®, IEEE 802.11 b/g)
> Laser or CCD bar code reader
> Sharp and bright QVGA color graphic display with touch screen
> User-accessible SD memory slot
> Lightweight (210 g)
> 1.2 m drop resistance
> IP54 protection class

## Applications

> Inventory
> Shelf replenishment
> Price management
> Order entry
> Assisted sales
> Line busting

DATALOGIC™
memor

## Pocket-sized mobile computer

# Specifications

**PHYSICAL CHARACTERISTICS**

| | |
|---|---|
| DIMENSIONS | 152 mm (5.98 in) x 55 mm (2.17 in) x 40 mm (1.57 in) (maximum) |
| WEIGHT | 210 g (7.41 oz) incl. standard battery |
| DISPLAY | Reflective TFT daylight readable color display, 240 x 320 pixels, 2.2 in. (56 mm) diagonal, 64 K colors, backlight, touch screen |
| KEYBOARD | 20 rubber keys, 5-position joystick, backlit keyboard standard |
| OPERATING TEMPERATURE | 0 ºC (32 ºF ) to +50 ºC (122 ºF ) |
| STORAGE TEMPERATURE | -10 ºC (14 ºF ) to +65 ºC (149 ºF ) |
| DROP RESISTANCE | Withstands drops from 1.2 meters (3.94 ft) onto concrete |
| ENVIRONMENTAL SEALING | IP54 standard for water and dust resistance |

**PERFORMANCE**

| | |
|---|---|
| OPERATING SYSTEM | Windows CE 5.0 |
| MICROPROCESSOR | Intel® XScale PXA255 @ 200 MHz |
| SYSTEM RAM MEMORY | 64 MB |
| SYSTEM FLASH MEMORY | 128 MB (including Backup directory for user data & programs permanent storage) |
| EXPANSION SLOTS | Secure Digital (user accessible) |
| REAL-TIME CLOCK | Time and date stamping under software control |

**SERIAL COMMUNICATION**

| | |
|---|---|
| INTERFACES | Electrical: integrated RS232 up to 115.2 Kbps |
| | USB: integrated high speed USB and mini USB connector (USB 1.1) |

**WIRELESS DATA COMMUNICATION**

| | |
|---|---|
| LOCAL AREA NETWORK | IEEE 802.11b/g (optional) |
| | Antenna: Internal, with diversity option |
| | Frequency range: Country dependent, typically 2.4 - 2.5 GHz |
| PERSONAL AREA NETWORK | IEEE 802.15 Bluetooth® (optional) |
| | Antenna: Internal |

**POWER MANAGEMENT**

| | |
|---|---|
| POWER SUPPLY | Removable battery pack with rechargeable Li-Ion batteries; 3.6 V 1000/2000 mAh (3.6/7.2 Watt hours); alkaline batteries compatible Local connection (customized and mini USB connector) for fast battery charging |

**LASER CHARACTERISTICS**

| | |
|---|---|
| SCANNING RATE | 104 ± 12 scan/sec |
| MINIMUM RESOLUTION | 0.10 mm / 4 mils |
| DEPTH OF FIELD | 5 to 90 cm (2 to 35 in), depending on bar code density |
| BAR CODES | EAN/UPC, Code 39, 2/5 Codes, Plessey, Codabar, Code 128, EAN128, MSI, Code 93, Code 11 |
| LASER CLASSIFICATION | VLD - Class II EN 60825-1/CDHR |

**CCD CHARACTERISTICS**

| | |
|---|---|
| MAXIMUM RESOLUTION | 0.13mm/5mils |
| SKEW ANGLE | ±60  degres from normal |
| PITCH ANGLE | ±60 degres from normal |
| SCAN RATE | 100 scan/sec |
| LIGHT SOURCE | Wavelength 624 nm |
| SAFETY CLASS | Class I LED Product |

CE N2468

# Accessories



*Single Cradle*



*Inside the box*

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DATALOGIC
QUALITY PARTNER
ACCREDITED RESELLER

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CE  CSQ  TÜV