# DATALOGIC™ memor

# Pocket-sized Mobile Computer

IEEE 802.15
Bluetooth®

IEEE 802.11 b/g

LASER

**Only 210 g!**

## HIGHLIGHTS

**• COMPACT**
The Datalogic Memor™ is small and slim, with excellent ergonomics for single-handed use.

**• INNOVATIVE**
The Datalogic Memor™ is a real innovation on the market thanks to:
- • an industrial standard OS for simpler application development and porting
- • a mature and stable architecture
- • a large memory on board to store applications and data
- • a user accessible SD card slot to backup data or manage a large DB
- • an integrated WLAN or WPAN to allow immediate access to any infrastructure

…all in an extremely compact package!!!

**• ROBUST**
The Datalogic Memor™ is provided with rugged construction to survive unintentional drops and exposure to water and dust.

**• VERSATILE**
The color TFT QVGA display with touch screen and phone-like numeric keypad satisfy all mobile application needs.

**• READY-TO-USE**
The Datalogic Memor™ is supplied with a power supply and mini USB cable.
A full set of software tools are readily available on-board:
- • Terminal Emulation (TCL™)
- • DL Application Manager™
- • Locked Web Browser™

## FEATURES

- • High Performace Laser Reader
- • Ergonomic, compact and robust
- • Microsoft Windows CE 5.0
- • Intel PXA Microprocessor
- • Wireless communication option (IEEE 802.15 Bluetooth®, IEEE 802.11 b/g)
- • Sharp and bright color TFT QVGA display with touch screen
- • User-accessible SD memory slot
- • Lightweight 210 g (7.4 oz)
- • 1.2 m (4 ft) drop resistance
- • IP54 protection class

## APPLICATIONS

- • Inventory
- • Shelf replenishment
- • Price management
- • Order entry
- • Assisted sales
- • Line busting

⊙DATALOGIC™

# Specifications

# Accessories

## PHYSICAL CHARACTERISTICS

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

## SYSTEM

| | |
|---|---|
| OPERATING SYSTEM | Microsoft 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 |
| POWER SUPPLY | Removable battery pack with rechargeable lithium polymer 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 |

Single Cradle

## COMMUNICATIONS

| | |
|---|---|
| INTERFACES | Electrical: integrated RS232 up to 115.2 Kbps |
| | USB: integrated high speed USB and mini USB connector (USB 1.1) |
| LOCAL AREA NETWORK (LAN) | IEEE 802.11b/g (optional) |
| | Integrated module |
| | Frequency range: Country dependent, typically 2.4 - 2.5 GHz |
| PERSONAL AREA NETWORK (PAN) | IEEE 802.15 Bluetooth® (optional) |
| | Integrated module |

## READING OPTIONS

### 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 2/II EN 60825-1/CDHR |

Inside the box

## SOFTWARE

| DEVELOPMENT | CONFIGURATION & MAINTENANCE |
|---|---|
| Windows CE SDK™ | Wavelink® Avalanche™ |
| DL Mobility Developer Assistant™ | DL Application Manager™ |
| MCL-Collection™ | DL Mobile Director Enterprise™ |
| Java Virtual Machine (Créme) | |
| | **UTILITIES** |
| **TERMINAL EMULATION** | Locked Web Browser™ |
| DL-TCL™ | DL Keep Connecting™ |

Caution: Laser Radiation - do not stare into beam

*Please refer to user manual available at www.mobile.datalogic.com/manuals for information on product use limitation.*

*For more information and software downloads see: www.mobile.datalogic.com/memor*

Software

9C0005558

# DATALOGIC MOBILE