

## Pocket-sized Mobile Computer



### HIGHLIGHTS

- **COMPACT**  
Small and slim, the Datalogic Memor™ provides excellent ergonomics for single-handed use.
- **INNOVATIVE**  
The Datalogic Memor™ advances the market with:
  - an industrial standard OS for simpler application development and porting
  - a large memory on board to store applications and data
  - a user accessible SD card slot to backup data or manage a large database
  - an integrated WLAN or WPAN radio to allow immediate access to any infrastructure

- **ROBUST**  
The Datalogic Memor™ rugged construction survives 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**  
Every Datalogic Memor™ comes with a power supply and mini USB cable.  
A full set of software tools including Wavelink® Avalanche™ get the Datalogic Memor™ ready to deploy.

### FEATURES

- High Performance Laser Reader
- Ergonomic, compact and robust
- Microsoft Windows CE 5.0
- Intel PXA Microprocessor
- Wireless networking with IEEE 802.11 b/g CCX v4
- Bluetooth® wireless communications
- 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
- Wavelink Powered™ with pre-installed and pre-licensed Wavelink® Avalanche™

### APPLICATIONS

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

## Specifications

### 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 ° +50 °C (32 ° to 122 °F)
STORAGE TEMPERATURE	-10 ° +65 °C (14 ° to 149 °F)
DROP RESISTANCE	Withstands drops from 1.2 m (4 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	256 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; 3.7 V 1100/2000 mAh (4.07/7.40 Watt hours); alkaline batteries compatible
	Local connection (customized and mini USB connector) for fast battery charging

### 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
PERSONAL AREA NETWORK (PAN)	Frequency range: Country dependent, typically 2.4 - 2.5 GHz IEEE 802.15 Bluetooth® (optional) Integrated module

### READING OPTIONS

<b>LASER CHARACTERISTICS</b>	
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

### SOFTWARE

<b>DEVELOPMENT</b>	<b>CONFIGURATION &amp; MAINTENANCE</b>
Windows CE SDK™	Wavelink® Avalanche™
DL Mobility Developer Assistant™	Datalogic Firmware Utility
MCL-Collection™	Datalogic Desktop Utility
Java Virtual Machine (Crème)	Datalogic Configuration Utility
<b>TERMINAL EMULATION</b>	<b>UTILITIES</b>
Wavelink® Terminal Emulation	Wavelink® Remote Control
	Wavelink® TermProxy



Caution: Laser Radiation - do not stare into beam

Please refer to user manual available at [www.mobile.datalogic.com/manuals](http://www.mobile.datalogic.com/manuals) for information on product use limitation.  
For more information and software downloads see: [www.mobile.datalogic.com/memor](http://www.mobile.datalogic.com/memor)

## Accessories



Single Slot Cradle with Spare Battery Slot



Single Slot Ethernet Cradle with Spare Battery Slot



Holster