

Pocket-sized Mobile Computer



Only 210 g!

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 1000/2000 mAh (3.7/7.4 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

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

SOFTWARE

DEVELOPMENT	CONFIGURATION & MAINTENANCE
Windows CE SDK™	Wavelink® Avalanche™
DL Mobility Developer Assistant™	Datalogic Firmware Utility
MCL-Collection™	Datalogic Desktop Utility
Java Virtual Machine (Crème)	Datalogic Configuration Utility
TERMINAL EMULATION	UTILITIES
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 for information on product use limitation.

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

Accessories



Cradles (USB, RS232/USB, RS232, Ethernet)



Inside the box



ORACLE PARTNER

Software