

Pocket-sized Mobile Computer



Only 7.4 oz!



IEEE
802.15



IEEE
802.11 b/g



FEATURES

- High Performance 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 7.4 oz (210 g)
- 4 ft (1.2 m) drop resistance
- IP54 protection class

APPLICATIONS

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

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™

Specifications

PHYSICAL CHARACTERISTICS

DIMENSIONS	5.98 x 2.17 x 1.57 in (152 x 55 x 40 mm) (maximum)
WEIGHT	7.41 oz (210 g) 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	32 ° to 122 °F (0 ° +50 °C)
STORAGE TEMPERATURE	14 ° to 149 °F (-10 ° +65 °C)
DROP RESISTANCE	Withstands drops from 3.94 ft (1.2 m) 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

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 II EN 60825-1/CDHR

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 (Crème)	
TERMINAL EMULATION	UTILITIES
DL-TCL™	Locked Web Browser™
	DL Keep Connecting™

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

Accessories



Single Cradle



Inside the box



Software





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