DATALOGIC™
memor

HAND HELD

HIGHLIGHTS

> RUGGED ERGONOMICS
Small and slim, the Datalogic Memor™ provides excellent ergonomics for single-handed use with rugged construction to survive unintentional drops and exposure to water and dust

> MODERN
The Datalogic Memor™ advances the market with industry standard operating systems, a large on board memory and a user accessible SD card slot to backup data or manage large databases

> CAPTURE
The Datalogic Memor™ captures tomorrow's barcodes today. A 2D imager enables a wide range of Linear, Stacked, 2D, and direct part marked bar codes as well as signature capture. Or choose Laser speed plus Datalogic's patented Green Spot good read feedback for GS1 Databar and other linear codes

> COMMUNICATE
The Datalogic Memor™ WWAN and WLAN radios combine with a color touch screen display, microphone, speaker, user friendly numeric keypad, to satisfy all smart phone application needs

> READY-TO-USE
A full set of software tools including Wavelink® Avalanche™ make the Datalogic Memor™ ready to deploy plus every Datalogic Memor™ comes with a power supply and mini USB cable to be up and running the first day.

FEATURES

> Ergonomic, compact and robust
> Microsoft Windows Mobile 6.1 or Windows CE 5.0
> Edge mobile radio for voice and data communication
> Summit embedded Wi-Fi for enterprise-class mobile connectivity with CCX V4 certification
> High performance laser with Green Spot patented good read confirmation
> Wide aspect 2D imager
> 128 MB RAM / 256 MB Flash memory
> XScale™ PXA 310 @ 624 MHz processor
> Bluetooth® wireless communications
> User-accessible micro SD memory slot
> Ruggedized with 1.2 m (4 ft) drop to concrete resistance and IP54 protection class
> Wavelink Avalanche® device management

APPLICATIONS

> Retail – Mass and General Merchandisers, Warehouse Clubs, Do It Yourself, Specialty, Pharmacy, Grocery and Convenience Stores
>> Store management
>> Inventory
>> Shelf replenishment
>> Price management
>> Order entry
>> Assisted sales
>> Line busting
> Field Force Automation: Sales, Service and Courier
>> Proof of delivery
>> Work orders
>> Driver communications
>> Route management
>> Inventory management

◇DATALOGIC™

SPECIFICATIONS

> PHYSICAL CHARACTERISTICS

DIMENSIONS	WLAN/Batch: 152 x 55 x 40 mm (5.98 x 2.2 x 1.6 in)
	Edge: 165 x 55 x 40 mm (6.5 x 2.2 x 1.6 in)
WEIGHT	230 g (8.11 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	23 rubber keys, 5-position joystick, backlit keyboard standard
OPERATING TEMPERATURE	0º +50ºC (32º to 122ºF)
STORAGE TEMPERATURE	-20º +70ºC (-4º to 158ºF)
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 with Microsoft WordPad and Internet Explorer 6.0 Microsoft Windows Mobile 6.1 with Mobile tools: Outlook, Word Mobile, Excel Mobile, PowerPoint Mobile, One Note Mobile and Internet Explorer Mobile 6.0
MICROPROCESSOR	XScale™ PXA310 @ 624 MHz
SYSTEM RAM MEMORY	128 MB
SYSTEM FLASH MEMORY	256 MB (including Backup directory for user data & programs permanent storage)
EXPANSION SLOTS	Micro SD card slot compatible with SDHC cards, user-accessible
REAL-TIME CLOCK	Time and date stamping under software control
POWER SUPPLY	Removable battery pack with rechargeable Li-polymer/Li-ion batteries; 3.7 V 1100/2000 mAh (4.07/7.40 Watt hours)

> COMMUNICATIONS

INTERFACES	Electrical: integrated RS232 up to 115.2 Kbps USB: integrated mini USB connector, Host 1.1 and Client 2.0
WIDE AREA NETWORK (WAN)	Quad-Band GSM 850/900/1800/1900 MHz for voice and data communication EDGE data rates up to 236.8 kbps SIM socket under the battery
LOCAL AREA NETWORK (LAN)	Summit IEEE 802.11b/g Frequency range: Country dependent, typically 2.4 - 2.5 GHz CCX v4 Security
PERSONAL AREA NETWORK (PAN)	Bluetooth® Wireless Technology IEEE 802.15 Class 2 with EDR

> READING OPTIONS

LASER CHARACTERISTICS

SCANNING RATE	104 ± 12 scan/sec
MINIMUM RESOLUTION	0.10 mm / 4 mils
DEPTH OF FIELD	5 to 64 cm (2 to 25 in), depending on bar code density
BAR CODES	GS1 Databar, 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

IMAGER CHARACTERISTICS

SCANNING RATE	60 frames/sec maximum
MINIMUM RESOLUTION	Linear codes at 4 mils; 2D codes at 5 mils
BAR CODES	UPC A, UPC E, EAN 8, EAN 13, Interleaved 2 of 5, Code 39, Code 39 Full ASCII, Codabar, Code 128, EAN 128, Code 93, PDF417, DataMatrix, QR, Macro PDF, GS1 Databar, POSTNET, PLANET, Japan Post, Australia Post, KIX Code, Royal Mail RM4SCC
LASER CLASSIFICATION	CDRH/IEC Class II
LED CLASSIFICATION	IEC Class 1M
RESOLUTION	Wide VGA (752 H x 480 V pixels), 256 gray scale
IMAGE FORMATS	BMP, JPEG

> SOFTWARE

DEVELOPMENT
Windows SDK™
DL Mobility Developer Assistant™
MCL-Collection™
Java Virtual Machine (Créme)

TERMINAL EMULATION
Wavelink Terminal Emulation™
Wavelink TermProxy

CONFIGURATION & MAINTENANCE
Wavelink Avalanche®
Avalanche Remote Control™
Avalanche CE Secure™
Datalogic Firmware Utility
Datalogic Desktop Utility
Datalogic Configuration Utility

APPLICATIONS
Vo-CE™ (voice recognition)
Wavelink® Communicator (push to talk)
Wavelink SpeakEasy (voice recognition)

ACCESSORIES

Caution: Laser Radiation - do not stare into beam

Single Slot Cradle with Spare Battery Slot

Powered Vehicle Dock with serial

Cigarette Lighter Adapter

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