

memor™



HAND HELD

HIGHLIGHTS

> RUGGED ERGONOMICS

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

> COMPUTE

The Memor™ leverages industry standard operating systems, a large on board memory and a user accessible SD card slot to backup data and manage large databases

> CAPTURE

The Memor™ captures tomorrow's barcodes today including GS1 Databar. A 2D imager enables a wide range of Linear, Stacked, 2D, and direct part marked bar codes. Or a Laser scanner offers Datalogic's patented Green Spot good read feedback for error proof reads of linear codes

> COMMUNICATE

The Memor™ WAN or LAN radio combines 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 Memor™ ready to deploy plus every 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
- > GSM/GPRS/Edge mobile radio for voice and data communication
- > Summit embedded Wi-Fi for enterprise-class mobile connectivity with CCX V4 certification
- > Bluetooth® wireless communications
- > 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
- > 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



> PHYSICAL CHARACTERISTICS

DIMENSIONS	LAN/Batch: 152 x 55 x 40 mm (5.98 x 2.2 x 1.6 in) WAN: 165 x 55 x 40 mm (6.5 x 2.2 x 1.6 in)
WEIGHT DISPLAY	230 g (8.11 oz) incl. standard battery 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	0° +50°C (32° to 122°F)
STORAGE TEMPERATURE	-20° +70°C (-4° to 158°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 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 Standby Time: 150 hours; Talk Time: 5 hours
LOCAL AREA NETWORK (LAN)	Summit IEEE 802.11b/g Frequency range: Country dependent, typically 2.4 - 2.5 GHz
PERSONAL AREA NETWORK (PAN)	CCX v4 Security Bluetooth® Wireless Technology IEEE 802.15.1 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

LASER CLASSIFICATION IMAGER CHARACTERISTICS

SCANNING RATE	60 frames/sec maximum
MINIMUM RESOLUTION	Linear codes at 4 mils; 2D codes at 5 mils
DEPTH OF FIELD	4.3 to 35.0 cm (1.7 to 13.8 in), depending on bar code density

BAR CODES

LASER CLASSIFICATION LED CLASSIFICATION

GS1 Databar, EAN/UPC, Code 32, Code 39, 2/5 Codes, Codabar, Code 128, EAN128, MSI, Code 93
VLD - Class 2/II EN 60825-1/CDHR

PDF417, Micro PDF, Datamatrix, QR Code, Micro QR, Maxicode, Aztec, Postnet, Planet, Japan Post, Aztec, Australia Post, KIX Code, Royal Mail, Intelligent Mail, UPU FICS, GS1 Databar, EAN/UPC, Code 32, Code 39, 2/5 Codes, Codabar, Code 128, EAN128, MSI, Code 93, ISBT 128, Bookland EAN and ISSN EAN
CDRH/IEC Class II
IEC Class 1M

> SOFTWARE

DEVELOPMENT

Windows SDK™
DL Mobility Developer Assistant™
MCL-Collection™
Java Virtual Machine

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



Power Adapter Cable

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