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™ LAN radio combines with a color touch screen display, microphone, speaker and user friendly numeric keypad.

> **READY-TO-USE**
A full set of software tools including Pal application library and 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
> Summit embedded IEEE 802.11 abg radio with CCX V4 connectivity and security
> Bluetooth® wireless communications
> 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
> Pal Application Library prelicensed

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

> PHYSICAL CHARACTERISTICS

DIMENSIONS	LAN/Batch: 152 x 55 x 40 mm (5.98 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	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
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 32, Code 39, 2/5 Codes, Codabar, Code 128, EAN128, MSI, Code 93
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
DEPTH OF FIELD	4.3 to 35.0 cm (1.7 to 13.8 in), depending on bar code density
BAR CODES	PDF417, Micro PDF, Datamatrix, QR Code, Micro QR, Maxicode, Aztec, Postnet, Planet, Japan Post, 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
LASER CLASSIFICATION	CDRH/IEC Class II
LED CLASSIFICATION	IEC Class 1M

> SOFTWARE

DEVELOPMENT	**CONFIGURATION & MAINTENANCE**
Windows SDK™	Wavelink Avalanche®
Wavelink Studio	Avalanche Remote Control™
MCL-Collection™	Avalanche CE Secure™
Java Virtual Machine	Datalogic Firmware Utility
	Datalogic Desktop Utility
	Datalogic Configuration Utility
TERMINAL EMULATION	**VOICE**
Wavelink Terminal Emulation™	Vo-CE™ (voice recognition)
Wavelink TermProxy	Wavelink SpeakEasy (voice recognition)
APPLICATION	
Pal Application Library	

ACCESSORIES

⚠ Caution: Laser Radiation - do not stare into beam

CE CSQ TÜV

Single Slot Cradle with Spare Battery Slot

Multi Battery Charger

Power Adapter Cable

Specifications are subject to change. Please check www.mobile.datalogic.com for the latest product specifications. For information on product use limitations, please refer to the user manual available at www.mobile.datalogic.com/manuals

DATALOGIC™

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