



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 @ 624MHz 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

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

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|----------------------------|---|
| 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 802.11abg 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

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|---------------------------|--|
| 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

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

CONFIGURATION & MAINTENANCE

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

TERMINAL EMULATION

Wavelink Terminal Emulation™
Wavelink TermProxy

VOICE

Vo-CE™ (voice recognition)
Wavelink SpeakEasy (voice recognition)

APPLICATION

Pal Application Library prelicensed

ACCESSORIES



Caution: Laser Radiation - do not stare into beam



• Single Slot Cradle with Spare Battery Slot



• Multi Battery Charger



• Power Adapter Cable