



## 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

<b>DIMENSIONS</b>	LAN/Batch: 152 x 55 x 40 mm (5.98 x 2.2 x 1.6 in)
<b>WEIGHT</b>	230 g (8.11 oz) incl. standard battery
<b>DISPLAY</b>	Reflective TFT daylight readable color display, 240 x 320 pixels, 56 mm (2.2 in) diagonal, 64 K colors, backlight, touch screen
<b>KEYBOARD</b>	23 rubber keys, 5-position joystick, backlit keyboard standard
<b>OPERATING TEMPERATURE</b>	0° +50°C (32° to 122°F)
<b>STORAGE TEMPERATURE</b>	-20° +70°C (-4° to 158°F)
<b>DROP RESISTANCE</b>	Withstands drops from 1.2 m (4 ft) onto concrete
<b>ENVIRONMENTAL SEALING</b>	IP54 standard for water and dust resistance

## SYSTEM

<b>OPERATING SYSTEM</b>	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
<b>MICROPROCESSOR</b>	XScale™ PXA310 @ 624 MHz
<b>SYSTEM RAM MEMORY</b>	128 MB
<b>SYSTEM FLASH MEMORY</b>	256 MB (including Backup directory for user data & programs permanent storage)
<b>EXPANSION SLOTS</b>	Micro SD card slot compatible with SDHC cards, user-accessible
<b>REAL-TIME CLOCK</b>	Time and date stamping under software control
<b>POWER SUPPLY</b>	Removable battery pack with rechargeable Li-polymer/Li-ion batteries; 3.7 V 1100/2000 mAh (4.07/7.40 Watt hours)

## COMMUNICATIONS

<b>INTERFACES</b>	Electrical: integrated RS232 up to 115.2 Kbps USB: integrated mini USB connector, Host 1.1 and Client 2.0
<b>LOCAL AREA NETWORK (LAN)</b>	Summit IEEE 802.11abg Frequency range: Country dependent, typically 2.4 - 2.5 GHz CCX v4 Security
<b>PERSONAL AREA NETWORK (PAN)</b>	Bluetooth® Wireless Technology IEEE 802.15 Class 2 with EDR

## READING OPTIONS

### LASER CHARACTERISTICS

<b>SCANNING RATE</b>	104 ± 12 scan/sec
<b>MINIMUM RESOLUTION</b>	0.10 mm / 4 mils
<b>DEPTH OF FIELD</b>	5 to 64 cm (2 to 25 in), depending on bar code density
<b>BAR CODES</b>	GS1 Databar, EAN/UPC, Code 32, Code 39, 2/5 Codes, Codabar, Code 128, EAN128, MSI, Code 93
<b>LASER CLASSIFICATION</b>	VLD - Class 2/II EN 60825-1/CDHR

### IMAGER CHARACTERISTICS

<b>SCANNING RATE</b>	60 frames/sec maximum
<b>MINIMUM RESOLUTION</b>	Linear codes at 4 mils; 2D codes at 5 mils
<b>DEPTH OF FIELD</b>	4.3 to 35.0 cm (1.7 to 13.8 in), depending on bar code density
<b>BAR CODES</b>	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
<b>LASER CLASSIFICATION</b>	CDRH/IEC Class II
<b>LED CLASSIFICATION</b>	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



• Single Slot Cradle with Spare Battery Slot



• Multi Battery Charger



• Power Adapter Cable



Caution: Laser Radiation - do not stare into beam