



## OUTSTANDING USER INTERFACE

Equipped with the largest high-visibility color graphic display (3.2 in) with touch screen in its class, the Skorpio™ X3 mobile computer helps users work more efficiently. Three different keyboards (the 50-key alphanumeric keypad, the 38-key functional keypad and the 28-key numeric keypad) allow data to be input very quickly. Operating systems include your choice of the standard Microsoft Windows Embedded Handheld 6.5 or Windows CE 6.0.

## ERGONOMIC AND RELIABLE

This rugged mobile computer is particularly suitable for mobile commerce solutions in the retail environment both on store shelves and in stock rooms. With the best ergonomics on the market, the Skorpio X3 mobile computer reduces operator fatigue with no compromise in terms of reliability and robustness, resisting harsh environments, multiple drops, strong shocks and repetitive tumbles. The pistol grip model has the most durable and comfortable handle in the industry. Its compact size and light weight combine to offer excellent balance and superior handling.

## WIRELESS COMMUNICATION

The Skorpio X3 mobile computer's wireless communication capabilities (Bluetooth® EDR, IEEE 802.11 a/b/g) enable fast transactions and complete interaction with information systems including the newest RF security protocols such as WPA™ and WPA2™. Additionally, Cisco Compatible Extensions CCX V4 certification permits all the advantages offered by the Cisco WLAN infrastructure.

## DATALOGIC'S PATENTED 'GREEN SPOT'

Skorpio X3™ mobile computers also include Datalogic's patented 'Green Spot' technology for good-read feedback. This technology projects a green spot directly on the bar code, notifying the user that a successful 'read' has occurred. Both 1D laser scanning and 2D bar code imaging configurations provide an inclined scan engine so that the display can be viewed while reading bar codes. There is no need for the user to turn the wrist in order to scan, thus making it easier to aim and faster to read.

## FEATURES

- Large high visibility color graphic display with touch screen
- Laser scanner or wide aspect 2D imager with Datalogic's patented Green Spot technology for good-read feedback
- Compact, lightweight and robust
- Microsoft Windows Embedded Handheld 6.5 or Microsoft Windows CE 6.0 Operating System
- Summit embedded 802.11 a/b/g radio for enterprise-class mobile connectivity with CCX V4 certification
- Bluetooth® wireless communications 2.0 with EDR
- 1.5 m / 5.0 ft drop resistance
- IP64 protection class
- Wavelink® Powered™ with pre-installed and pre-licensed Wavelink® Avalanche™
- Wavelink® Terminal Emulation pre-licensed on pistol grip models
- Pal Application Library pre-licensed
- Attachable handle

## APPLICATIONS

- Inventory/Picking
- Shelf replenishment
- Price management
- Order entry
- Assisted sales
- Line busting
- Shipping/Receiving



28-key  
Numeric

38-key  
Functional

50-key  
Alphanumeric



## WIRELESS COMMUNICATIONS

<b>LOCAL AREA NETWORK (WLAN)</b>	Summit IEEE 802.11a/b/g Frequency range: Country dependent, typically 2.4 - 2.5 GHz Integrated module Cisco Compatible CCX v4 Security
<b>PERSONAL AREA NETWORK (WPAN)</b>	Bluetooth® wireless technology IEEE 802.15 Class 2 with EDR

## DECODING CAPABILITY

<b>1D / LINEAR CODES</b>	Auto discriminates all standard 1D codes including GS1 DataBar™ linear codes.
<b>2D CODES</b>	Aztec Code, Data Matrix, MaxiCode, QR Code, UPU FICS, USPS Intelligent Mail
<b>POSTAL CODES</b>	Australian Post, Japan Post, KIX Code, Planet, Postnet, Royal Mail Code (RM4SCC)
<b>STACKED CODES</b>	Micro PDF, PDF417

## ELECTRICAL

<b>BATTERY</b>	Removable battery pack with rechargeable Li-Ion batteries. Local micro-USB connection for fast battery charging Standard: 3.7 V; 3,000 mAh (11.1 Watt-hours) Extended: 3.7 V; 5,200 mAh (19.2 Watt-hours)
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## ENVIRONMENTAL

<b>DROP RESISTANCE</b>	Withstands drops from 1.5 m / 5.0 ft onto concrete
<b>PARTICULATE AND WATER SEALING</b>	IP64
<b>TEMPERATURE</b>	Operating: -10 to 50 °C / 14 to 122 °F Storage: -20 to 70 °C / -4 to 158 °F

## INTERFACES

<b>INTERFACES</b>	Main connector with USB 1.1 Host, USB 1.1 Client, RS-232 up to 115.2 Kbps Micro-USB port for power only, no data communication interface Ethernet: via single dock (external module) or multiple cradle
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## PHYSICAL CHARACTERISTICS

<b>DIMENSIONS</b>	Handheld: 19.3 x 7.6 x 4.2 cm (6.1 x 3.5 cm at keyboard) / 7.6 x 3.0 x 1.3 in (2.4 x 1.4 in at keyboard) Pistol Grip: 19.3 x 7.6 x 15.6 cm / 7.6 x 3.0 x 6.2 in
<b>DISPLAY</b>	TFT / Transflective LCD with 240 x 320 pixel resolution, LED backlight and integrated touch screen, 3.2 in diagonal
<b>KEYBOARD</b>	50-key full alphanumeric, 38-key functional or 28-key numeric keyboard with backlight
<b>WEIGHT</b>	Handheld (with standard battery): 392 g / 13.8 oz Pistol Grip (with standard battery): 482 g / 17.0 oz

## READING PERFORMANCE

<b>IMAGING</b>	Good Read Feedback: Datalogic's patented 'Green Spot' for good-read feedback Optical Resolution: Linear codes: 4 mils; 2D codes: 5 mils; Scan Rate: 60 frames/sec maximum Depth of Field: 3.5 to 41.5 cm / 1.4 to 16.4 in, depending on bar code density and type
<b>LASER</b>	Wide Aspect Imager with Datalogic's patented Green Spot Depth of Field: 4.0 to 82.0 cm / 1.5 to 32.3 in, depending on bar code density and type Good Read Feedback: Datalogic's patented 'Green Spot' for good-read feedback; Optical Resolution: 0.10 mm (4 mils); Scan Rate: 104 +/- 12 scans/sec Standard Performance Laser (SPL) with Green Spot

## SAFETY & REGULATORY

<b>AGENCY APPROVALS</b>	The product meets necessary safety and regulatory approvals for its intended use.
<b>ENVIRONMENTAL COMPLIANCE</b>	Complies to EU RoHS
<b>LASER CLASSIFICATION</b>	VLD - Class 2 IEC/EN60825-1; Compliant with 21 CFR 1040.10 except for deviations pursuant to laser notice No. 50 dated June 24, 2007.
<b>LED CLASSIFICATION</b>	Exempt Risk Group IEC/EN62471

## SOFTWARE

<b>APPLICATIONS CONFIGURATION &amp; MAINTENANCE</b>	Pal Application Library prelicensed Wavelink Avalanche® MC prelicensed, Wavelink Avalanche® SE prelicensed, Avalanche Remote Control™, Datalogic Firmware Utility (DFU), Datalogic Desktop Utility (DDU), Datalogic Configuration Utility (DCU)
<b>DEVELOPMENT</b>	Datalogic Windows SDK™, Wavelink® Studio™, MCL-Collection™, Java Virtual Machine
<b>SECURITY</b>	Wavelink CE Secure, Wavelink Certificate Manager
<b>TERMINAL EMULATION</b>	Wavelink® Terminal Emulation™ prelicensed (for Pistol Grip models only)

## SYSTEM

<b>COPROCESSOR</b>	Cortex-M3, 32 bit @ 72 MHz
<b>EXPANSION SLOTS</b>	Micro Secure Digital slot (SDHC) up to 32 GB
<b>MICROPROCESSOR</b>	XScale PXA310 @ 624 MHz
<b>MEMORY</b>	Ram Memory: 256 MB Flash Memory: 512 MB (partially used for firmware and reserved data, depending on the OS)
<b>OPERATING SYSTEM</b>	Microsoft Windows CE 6.0 with Microsoft WordPad and Internet Explorer 6.0 Microsoft Windows Embedded Handheld 6.5 with Mobile Tools: Outlook Mobile, Word Mobile, Excel Mobile, PowerPoint Mobile, One Note Mobile and Internet Explorer Mobile 6.0



Caution: Laser Radiation - do not stare into beam

## ACCESSORIES

### Base Stations/Chargers

- 94A150031 Single Slot Dock with Spare Battery Slot (Optional Ethernet or Modem Connection)
- 94A150032 Four Slot Dock (Optional Ethernet Connection)
- 94A150034 Multi Battery Charger



### Cases/Holsters

- 94ACC0050 Holster





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