OUTSTANDING USER INTERFACE

Equipped with the largest high-visibility color graphic display (8.3 cm / 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 inlude your choice of the standard Microsoft Windows Embedded Handheld 6.5 system or Windows CE 6.0 system.

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 ever seen on the market, the Skorpio X3 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 best handle and trigger in the warehouse industry. Compact size and light weight combine to offer excellent balance and superior handling.

WIRELESS COMMUNICATION

The Skorpio X3'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™ computers also include Datalogic's patented 'Green Spot' technology for good-read feedback. This technology projects a green spot directly on the bar code, indicating that a successful 'read' has just 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 Systems
- 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 GUN (or handled?) models
- Pal Application Library pre-licensed
- Attachable handle

APPLICATIONS

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

www.adc.datalogic.com

CORDLESS COMMUNICATIONS

LOCAL AREA NETWORK (WLAN)
Summit IEEE 802.11a/b/g
Frequency range: Country dependent, typically 2.4 - 2.5 GHz
Integrated module
Cisco Compatible CCX v4 Security

PERSONAL AREA NETWORK (WPAN)
Bluetooth® wireless technology IEEE 802.15 Class 2 with EDR

DECODING CAPABILITY

1D / LINEAR CODES
Auto discriminates all standard 1D codes including GS1 DataBar™ linear codes.

2D CODES
Aztec Code, Data Matrix, MaxiCode, QR Code, UPU FICS, USPS Intelligent Mail

POSTAL CODES
Australian Post, Japan Post, KIX Code, PLANET, POSTNET, Royal Mail Code (RM4SCC)

STACKED CODES
Micro PDF, PDF417

ELECTRICAL

BATTERY
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)

ENVIRONMENTAL

DROP RESISTANCE
Withstands drops from 1.5 m / 5.0 ft onto a concrete surface

PARTICULATE AND WATER SEALING
IP64

TEMPERATURE
Operating: -10 to 50 ºC / 14 to 122 ºF
Storage: -20 to 70 ºC / -4 to 158 ºF

INTERFACES

INTERFACES
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

PHYSICAL CHARACTERISTICS

DIMENSIONS
Handheld: 19.3 x 7.6 x 4.2 cm (61 x 35 cm? at keyboard)? / 7.6 x 3.0 x 1.3 in
Pistol Grip: 19.3 x 7.6 x 15.6 cm / 7.6 x 3.0 x 6.2 in

DISPLAY
TFT / Transflective LCD with 240 x 320 pixel resolution, LED backlight and integrated touch screen, 81.0 mm / 3.2 in diagonal

KEYBOARD
50 key full alphanumeric, 38 key functional or 28 key numeric keyboard with backlight

WEIGHT
Handheld: 392 g / 13.8 oz, including standard battery
Pistol Grip: 482 g / 17.0 oz, including standard battery

READING PERFORMANCE

IMAGING
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
Wide Aspect Imager with Datalogic's patented Green Spot

LASER
Depth of Field: 5 to 64 cm / 1.9 to 25.2 in, depending on bar code density
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

AGENCY APPROVALS
The product meets necessary safety and regulatory approvals for its intended use.

ENVIRONMENTAL COMPLIANCE
Complies to EU RoHS

LASER CLASSIFICATION
VLD - Class II IEC/EN60825-1; Compliant with 21 CFR 1040.10 except for deviations pursuant to laser notice No. 50 dated June 24, 2007.

LED CLASSIFICATION
Exempt Risk Group IEC/EN62471

SOFTWARE

APPLICATIONS
Pal Application Library prelicensed

CONFIGURATION & MAINTENANCE
Wavelink Avalanche® MC prelicensed, Wavelink Avalanche® SE prelicensed, Avalanche Remote Control™, Datalogic Firmware Utility (DFU), Datalogic Desktop Utility, Datalogic Configuration Utility (DCU)

DEVELOPMENT
Windows CE SDK™, Wavelink® Studio™, MCL-Collection™ Java Virtual Machine, Datalogic Windows SDK

SECURITY
Wavelink CE Secure, Wavelink Certificate Manager

TERMINAL EMULATION
Wavelink® Terminal Emulation™ prelicensed (for Pistal Grip models only)

SYSTEM

COPROCESSOR
Cortex-M3, 32 bit @ 72 MHz

EXPANSION SLOTS
Micro Secure Digital slot (SDHC) up to 32 GB

MICROPROCESSOR
XScale PXA310 @ 624 MHz

MEMORY
Ram Memory: 256 MB
Flash Memory: 512 MB (partially used for firmware and reserved data, depending on the OS)

OPERATING SYSTEM
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

Docks/Battery Chargers

Holster

- **PARTNUMBER** Single Slot Dock with Spare Battery Slot (Optional Ethernet or Modem Connection)
- **PARTNUMBER** Four Slot Dock (Optional Ethernet Connection)
- **91A151114** Multi Battery Charger
- **94ACC1330** Soft case and Holster