SKORPIO™ X4

DATALOGIC

CHOICE OF WINDOWS EMBEDDED OR ANDROID™ OPERATING SYSTEMS

The Skorpio™ X4 mobile computer features a high performance multi-core 1 GHz architecture that offers blazing speed when running Windows Embedded Compact OS and allows easy upgradeability to the Android OS. Users will never run out of memory with the standard 1 GB RAM and 8 GB Flash.

OUTSTANDING USER INTERFACE

Equipped with the largest high-visibility 3.2 inch color display touch screen in its class, the Skorpio X4 mobile computer helps users work more efficiently.

Three different keyboards are available for maximum efficiency: a 50-key alphanumeric keypad, a 38-key functional keypad and a 28-key numeric keypad.

ERGONOMIC AND RELIABLE

This rugged mobile computer is particularly suitable for mobile commerce solutions in the retail environment both in-store and back-end receiving applications. With the best ergonomics on the market, the Skorpio X4 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.

WIRELESS COMMUNICATION

The Skorpio X4 mobile computer's wireless communication capabilities (802.11 a/b/g/n) enables speedy transmission of data, while *Bluetooth*® wireless technology v4 provides support for the new low energy mode (BLE). The new MIMO antennas provide extended coverage.



28-key Numeric | 38-key Functional | 50-key Alphanumeric

FEATURES

- Large high visibility color display with touch screen
- Choice of 1D or 2D imagers featuring Datalogic's patented 'Green Spot' technology for good-read feedback
- Wide Band Audio for improved speech recognition (Android™ only)
- Choice of Microsoft Windows Embedded Compact 7 or Android v4.4 operating systems
- TI 802.11 a/b/g/n radio with CCX v4 and featuring MIMO antenna technology
- *Bluetooth* wireless technology v4.0 with BLE (low energy) on Android models
- 1.8 m / 6.0 ft drop resistance
- IP64 protection class
- WEC7 units include:
  - Wavelink® Avalanche™ pre-installed and pre-licensed
  - Wavelink TelnetCE pre-installed and pre-licensed on Pistol Grip units
  - Pal™ pre-installed
  - Upgradable to Android 4.4
- Attachable handle (and orderable pre-installed)
- EASEOFCARE Service Plans offer a wide range of service options to protect your investment, ensuring maximum productivity and ROI

INDUSTRY-APPLICATIONS

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

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TECHNICAL SPECIFICATIONS

WIRELESS COMMUNICATIONS

LOCAL AREA NETWORK (WLAN)	TI Wi-Link 8, IEEE 802.11a/b/g/n; Frequency Range: Country dependent, typically 2.4 and 5 GHz; Cisco Compatible CCX v4 Security
PERSONAL AREA NETWORK (WPAN)	*Bluetooth* v4 with BLE (Android models); *Bluetooth* v2.1 + EDR (WEC7 models)

DECODING CAPABILITY

1D / LINEAR CODES	Auto discriminates all standard 1D codes including GS1 DataBar™ linear codes.
2D CODES	Aztec Code, Data Matrix, MaxiCode, PDF417, MicroPDF417, Micro QR Code, QR Code
POSTAL CODES	Australian Post, Japanese Post, KIX Code, Royal Mail, USPS Intelligent Mail, USPS PLANET, USPS POSTNET
GS1 COMPOSITE CODES	UPC/EAN/JAN Composites, GS1 DataBar Composites and GS1-128 Composite (Composites supported on WEC7 only)

ELECTRICAL

BATTERY	Removable battery pack with rechargeable Li-Ion batteries; MicroUSB for fast battery charging Standard: 3.7 V; 3,000 mAh (11.1 Watt-hours); standard on all handheld models Extended: 3.7 V; 5,200 mAh (19.2 Watt-hours); standard on all Pistol Grip models

ENVIRONMENTAL

DROP RESISTANCE	Withstands drops from 1.8 m / 6.0 ft onto concrete
PARTICULATE AND WATER SEALING	IP64
TEMPERATURE	Operating: -10 to 50 °C / 14 to 122 °F Storage: -20 to 70 °C / -4 to 158 °F

INTERFACES

INTERFACES	Main connector with USB 2.0 High Speed Host (480 Mbps) and Client, RS-232 up to 115.2 Kbps; microUSB port for power and communications; Ethernet: via single dock (external module) or multi-slot dock

PHYSICAL CHARACTERISTICS

DIMENSIONS	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
DISPLAY	TFT / Transflective LCD with 240 x 320 pixel resolution; LED backlight and integrated touch screen, 3.2 inch diagonal
KEYBOARD	50-key full alphanumeric, 38-key functional or 28-key numeric keyboard with backlight
WEIGHT	Handheld (with standard battery): 388 g / 13.7 oz Handheld (with hi-cap battery): 422 g / 14.9 oz Pistol Grip (with standard battery): 482 g / 17.0 oz Pistol Grip (with hi-cap battery): 516 g / 18.2 oz

READING PERFORMANCE

2D IMAGER (STANDARD RANGE)	Megapixel sensor for extended range; White LED Illumination Optical Resolution: 1D codes: 3 mils; 2D codes: 6.6 mils Depth of Field (typical): 4.5 to 74 cm / 1.7 to 29.1 in (13 mil/EAN), depending on bar code density and type
1D IMAGER	2500 pixel sensor; Sharp green LED scan line Optical Resolution: 2.5 mils (linear codes) Depth of Field: 4.0 to 74 cm / 1.5 to 29.1 in (13 mil/EAN), depending on bar code density and type

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 2 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 pre-licensed (WEC7 only)
CONFIGURATION & MAINTENANCE	Wavelink Avalanche® pre-licensed (WEC7 only), 42 Gears SureLock pre-licensed for device lockdown (Android only); SOTI MobiControl, Datalogic xPlatform Utility (DXU) pre-licensed, Datalogic Desktop Utility (DDU) pre-licensed for device lockdown (WEC7 only)
DEVELOPMENT	WEC7: Datalogic Windows SDK™, Wavelink® Studio™, MCL-Collection™ Android: Datalogic Android SDK, Xamarin SDK
BROWSER	SureLock locked web browser pre-licensed for WEC7 and Android models
TERMINAL EMULATION	Wavelink® Terminal Emulation™ pre-licensed (for Pistol Grip/WEC7 models only); StayLinked SmartTE (for Android)

SYSTEM

AUDIO	Wideband Speech (HD Audio) supported on Android
EXPANSION SLOTS	Micro Secure Digital slot (SDHC) up to 32 GB
MICROPROCESSOR	TI OMAP4 @ 1 GHz
MEMORY	RAM Memory: 1 GB Flash Memory: 8 GB (partially used for firmware and reserved data)
OPERATING SYSTEM	Microsoft Windows Embedded Compact 7 (WEC7) or Android v4.4*

*OS swap from WEC7 to Android 4.4 or from Android 4.4 to WEC7 is supported on all Skorpio X4 configurations. The OS swap must be performed at a Datalogic Service Center.

WARRANTY

WARRANTY	1-Year Factory Warranty



Caution: Laser Radiation - do not stare into beam

ACCESSORIES

Base Stations/Chargers

- 94A150062 Single Slot Dock with Spare Battery Slot
- 94ACC0079 Optional Ethernet Adaptor for Single Slot Dock
- 94A150055 Four Slot Ethernet Dock
- 94A150034 Multi Battery Charger



Cases/Holsters

- 94ACC0050 Holster
- 94ACC0052 Rubber Boot



Miscellaneous

- 95ACC0002 Headset VXI VR12
- 94ACC0127 Bluetooth Headset VXI B350XT EU
- 94ACC0124 Bluetooth Headset VXI B350XT US



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