SKORPIO[™] X4

DATALOGIC



CHOICE OF WINDOWS EMBEDDED OR ANDROID™ OPERATING SYSTEMS

The Skorpio[™] X4 mobile computer features a high performance multicore 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.





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 prelicensed 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

SKORPIO™ X4

ODATALOGIC

WIRELESS COMMUNICATIONS		READING PERFORMANCE		
LOCAL AREA NETWORK (WLAN) PERSONAL AREA NETWORK (WPAN)	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 <i>Bluetooth</i> v4 with BLE (Android models); <i>Bluetooth</i> v2.1 + EDR (WEC7 models)	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 cod	
DECODING CAPABILITY		1D IMAGER	density and type 2500 pixel sensor; Sharp green LED scan line	
1D / LINEAR CODES 2D CODES POSTAL CODES	Auto discriminates all standard 1D codes including GS1 DataBar™linear codes. Aztec Code, Data Matrix, MaxiCode, PDF417, MicroPDF417, Micro QR Code, QR Code Australian Post, Japanese Post, KIX Code, Royal		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	
	Mail, USPS Intelligent Mail, USPS PLANET, USPS		The product meets necessary safety and	
GS1 COMPOSITE CODES	UPC/EAN/JAN Composites, GS1 DataBar	ENVIRONMENTAL COMPLIANCE	regulatory approvals for its intended use. Complies to EU RoHS	
	supported on WEC7 only)	LASER CLASSIFICATION	VLD - Class 2 IEC/EN60825-1; Compliant with 2' CFR 1040.10 except for deviations pursuant to	
ELECTRICAL		I ED CLASSIEICATION	laser notice No. 50 dated June 24, 2007. Exempt Risk Group IEC/EN62471	
GS1 COMPOSITE CODES	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			
		SOFTWARE		
		APPLICATIONS CONFIGURATION & MAINTENANCE	Pal Application Library pre-licensed (WEC7 only) Wavelink Avalanche® pre-licensed (WEC7 only), 42 Gears SureLock pre-licensed for device lockdown (Android only); SOTI MobiControl,	
ENVIRONMENTAL			Datalogic xPlatform Utility (DXU) pre-licensed, Datalogic Desktop Utility (DDU) pre-licensed for	
DROP RESISTANCE	Withstands drops from 1.8 m / 6.0 ft onto		device lockdown (WEC7 only) WEC7: Datalogic Windows SDK™,	
PARTICULATE AND WATER SEALING	IP64	DEVELOPMENT	Wavelink [®] Studio™, MCL-Collection™	
TEMPERATURE	Operating: -10 to 50 °C / 14 to 122 °F Storage: -20 to 70 °C / -4 to 158 °F	BROWSER	Android: Datalogic Android SDK, Xamarin SDK SureLock locked web browser pre-licensed for WEC7 and Android models	
INTEREACES		TERMINAL EMULATION	Wavelink® Terminal Emulation™ pre-licensed (fo	
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		Pistol Grip/WEC7 models only); StayLinked SmartTE (for Android)	
		SYSTEM		
	multi-slot dock	AUDIO	Wideband Speech (HD Audio) supported on Android	
PHYSICAL CHARACTERISTICS		EXPANSION SLOTS	Micro Secure Digital slot (SDHC) up to 32 GB TI OMAP4 (@ 1 GHz	
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	MEMORY	RAM Memory: 1 GB Flash Memory: 8 GB (partially used for firmware	
DISPLAY	Pistol Grip: 19.3 x 7.6 x 15.6 cm / 7.6 x 3.0 x 6.2 in TFT / Transflective LCD with 240 x 320 pixel	OPERATING SYSTEM	and reserved data) Microsoft Windows Embedded Compact 7 (WEC7) or Android v4.4*	
KEYBOARD	screen, 3.2 inch diagonal	*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.		
WEICHT	28-key numeric keyboard with backlight		WARRANTY	
	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	WARRANTY	1-Year Factory Warranty	
		Caution: Laser Radiati	ion - do not stare into beam	
Race Stations /Chargers		Cases/Holsters	Miscellaneous	
 94A150062 Single Slot Dock with Sp 94ACC0079 Optional Ethernet Adap 94A150055 Four Slot Ethernet Dock 	tor for Single Slot Dock	• 94ACC0050 Holster • 94ACC0052 Rubber Boot	 95ACC0002 Headset VXI VR12 94ACC0127 Bluetooth Headset VXI B350XT EU 94ACC0124 Bluetooth Headset VXI B350XT US 	
• 94A150034 Multi Battery Charger	ATOP CON			
	PERSONAL AREA NETWORK (WPAN) DECODING CAPABILITY 1D / LINEAR CODES 2D CODES POSTAL CODES GS1 COMPOSITE CODES GS1 COMPOSITE CODES ELECTRICAL BATTERY ENVIRONMENTAL DROP RESISTANCE PARTICULATE AND WATER SEALING TEMPERATURE INTERFACES INTERFACES INTERFACES DIMENSIONS DISPLAY KEYBOARD WEIGHT BASE Stations/Chargers 94A150062 Single Slot Dock with Sp 94A1500505 SIN SIN SIN SIN SIN SIN SIN SIN SI	PERSONAL AREA NETWORK (WPAN) Frequency Range: Country dependent, typically 2.4 and 5 GHz; Cisco Compatible CCX v4 Security Bluetooth v2.1 + EDR (WEC7 models) DECODINC CAPABILITY Buttooth v2.1 + EDR (WEC7 models) D/ LINEAR CODES Auto discriminates all standard 1D codes including G51 DataBar*'' linear codes. 20 CODES Aztec Code, Data Matrix, MaxiCode, PDF417, MicroPDF417, MicroPDF417	Frequency Range Country dependent, typically 22 Aand 5 GFL (Sice Compatible CX 44 Security Bluetooth v2 1+ EDR (WEC7 models) 10 IMAGER PERSONAL AREA NETWORK (WPAN) Auto discriminates all standard 10 codes including GSD DataBa ^m (incar codes, Artec Code, DataBa ^m) (incar codes, DPA17, MicroPDF417, Micro QR Code, QR Code May LyPS Intelligent Mail, USPS PLANET, USPS OSTAL CODES DIMAGER 90 STAL CODES Auto discriminates all standard 10 codes including GSD DataBa ^m (incar codes, Artec Code, DataBa ^m , Maxico RASCO de, PDPA17, MicroPDF417, Micro QR Code, QR Code May LyPS Intelligent Mail, USPS PLANET, USPS OSTAL CODES SEFETY & REGULATORY ARENOV APPROVALS 631 COMPOSITE CODES UPC/EAN/JAN Composites (Composite supported on WEC7 only) SEFETY & REGULATORY ARENOV APPROVALS ELECTRICAL BATTERY Removable battery pack with rechargeable Li- to in batteries, MicroUSB for fast battery charging Standard an all Plotol Grip models EVENDMENTAL CONFIGURATION & MAINTENANCE EVENDMONENTAL DROP RESISTANCE PARTICULATE AND WATER SEALING PEG OPERATION: CONFIGURATION & MAINTENANCE DEVELOPMENT INTERFACES Main connector with USB 2.0 High Speed Host (AdD Mps] and Client, R5-232 up to 1152 XKps; microUSB por for power and communications; Ethermet: via single dock (stermal module) or multi-slot dock SystEM AUDIO PINERFACES Main connector with USB 2.0 High Speed Host (AdD Mps] and Client, R5-232 up to 1152 XKps; microUSB por for power and communications; Ethermet: via single dock (stermal module) or multi-slot dock OPERATING SYSTEM DISPLAY TET / Transflective LCD with 2.04 2.7 M 3.05 x 0.5 Lin method (with standard bat	

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