FALCON™ X4

ODATALOGIC



CHOICE OF WINDOWS EMBEDDED OR ANDROID™ OPERATING SYSTEMS

Legendary Falcon with upgraded performance! The Falcon™ 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.

REAL-TIME DATA CAPTURE AND COMMUNICATIONS

Capture bar codes using Datalogic 1D and 2D imaging technologies. Communicate over a superior TI 802.11 a/b/g/n radio with CCX v4 compliance and MIMO technology for improved connectivity and coverage, or through wired standards including USB Hi-Speed, RS-232, Modem and Ethernet. Bluetooth® wireless technology v4 provides support for the new low energy mode (BLE) and for improved voice recognition via wide band audio.

ERGONOMIC AND RUGGED

Users feel the full shift difference of ergonomic handheld and pistol grip form factors to balance a 3.5 inch crystal clear display, full numeric or alphanumeric back-lit keyboards, and a one piece 5,200 mAh battery. With the best ergonomics in this market segment, the Falcon X4 mobile computer reduces operator fatigue with no compromise in terms of reliability and robustness, resisting harsh environments, repeated drops, strong shocks and repetitive tumbles.

EASY AND INTUITIVE

Develop custom solutions using the industry-leading Datalogic Software Development Kit (SDK). Deploy quickly with the included Datalogic utilities or your preferred device management solution. Manage your installed devices using the pre-licensed Wavelink Avalanche or leverage the pre-licensed Wavelink Terminal Emulation (WEC7 only). The Falcon X4 mobile computer reduces operator fatigue with no compromise in terms of reliability and robustness, resisting harsh environments, repeated drops, strong shocks and repetitive tumbles.

FEATURES

- Full-shift hot swappable battery
- 3.5 inch touchscreen display
- Ruggedized with 1.8 m / 6.0 ft drop to concrete and IP65 sealing rating
- Choice of 1D or 2D imagers featuring Datalogic's patented 'Green Spot' technology for good-read feedback (Green Spot only available on standard range imagers)
 - Auto Range imager for near/far 2D scanning
 - Now with DPM support on standard range 2D models
- Choice of Microsoft Windows Embedded Compact 7 or Android v4.4
- TI 802.11 a/b/g/n radio with CCX v4 compliance and featuring MIMO antenna technology
- 1 GB RAM / 8 GB Flash memory
- Bluetooth® wireless technology v4.0 with BLE (low energy) and Wide Band Audio for improved speech recognition (Android models only)
- Corning® Gorilla® Glass 3 scan window
- WEC7 units include:
 - Wavelink® Avalanche™ and Terminal Emulation pre-installed and pre-licensed
 - Pal pre-installed and pre-licensed
- 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 - APPLICATION

- Warehouse and Distribution Centers: Retail, Wholesale, Manufacturing, Automotive/Industrial, Electronics, Food/Beverage, Consumer Products, Pharmaceutical, Third Party Logistics (3PL)
 - Receiving
 - · Cross Docking
 - Put Away
 - Staging
 - Voice Picking
 - Shipping
 - · Cycle Count
 - Inventory
 - · Shelf Replenishment
 - · Price Management
 - Order Entry
 - Assisted Sales
 - · Production Control







FALCON™ X4

TECHNICAL SPECIFICATIONS

TI Wi-Link 8, IEEE 802.11a/b/g/n; Frequency Range: Country dependent, typically 2.4 and 5 GHz; Cisco CCX v4 compliant Personal Area Network (WPAN) Bluetooth wireless technology 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. Aztec Code, Data Matrix, MaxiCode, PDF417, MicroPDF417, Micro QR Code, QR Code Australian Post, Japanese Post, KIX Code, Royal Mail, USPS Intelligent Mail, USPS PLANET, USPS, Postnet Stacked Codes GS1 Composite Codes UPC/EAN/JAN Composites, GS1 DataBar Composites and GS1-128 Composite ELECTRICAL Battery Removable battery pack with rechargeable Li-ion batteries; 3.7 V 5200 mAh (19.2 Watt hours) ENVIRONMENTAL Withstands drops from 1.8 m / 6.0 ft onto concrete follow IEC68-2-32 (Method 1) and 1500 random drops from 1.0 m / 3.3 ft follow EC68-2-32 (Method 2) Particulate and Water Sealing Temperature Operating: -20 to 50 °C /-4 to 122 °F Storage: -30 to 70 °C / -22 to 158 °F INTERFACES Main connector with USB 2.0 High Speed Host (480 Mbps) and Client, RS-232 up to 115.2 Kbps;	WIRELESS COMMUNICATIONS	
Frequency Range: Country dependent, typically 2.4 and 5 GHz; Cisco CCX v4 compliant Personal Area Network (WPAN) Bluetooth wireless technology v4 with BLE (Android models Bluetooth v2.1 + EDR (WEC7 models) DECODING CAPABILITY 1D / Linear Codes Atte Code, Data Matrix, MaxiCode, PDF417, MicroPDF417,	WIRELESS COMMOI	
Bluetooth® v2.1 + EDR (WEC7 models) DECODING CAPABILITY		Frequency Range: Country dependent, typically
Auto discriminates all standard 1D codes including GS1 DataBar** linear codes. 2D Codes Aztec Code, Data Matrix, MaxiCode, PDF417, MicroPDF417, 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 ELECTRICAL Battery Removable battery pack with rechargeable Li-ion batteries; 3.7 V 5200 mAh (19.2 Watt hours) ENVIRONMENTAL Withstands drops from 1.8 m / 6.0 ft onto concrete follow IEC68-2-32 (Method 1) and 1500 random drops from 1.0 m / 3.3 ft follow EC68-2-32 (Method 2) Particulate and Water Sealing IP65 Temperature Operating: -20 to 50 °C /-4 to 122 °F Storage: -30 to 70 °C /-22 to 158 °F INTERFACES Main connector with USB 2.0 High Speed Host (480 Mbps) and Client, RS-232 up to 115.2 Kbps; Ethernet or Modem: via single-slot dock (external module) PHYSICAL CHARACTERISTICS Audio Integrated microphone, high-volume speaker Handheld: 22.5 x 8.8 x 5.5 cm / 8.9 x 3.5 x 2.2 in; 6.4 x 4.0 cm / 2.5 x 1.6 in at keyboard Pistol grip: 22.5 x 8.8 x 16.8 cm / 8.9 y x 3.5 x 2.6 in Reflective TFT daylight readable color display, 240 x 320 pixels, 8.9 cm / 3.5 in diagonal, 65K colors, backlight, touchscreen Polycarbonate hard cap keyboards with backlight; 29-key numeric, 29-key functional numeric or 52-key alphanumeric with discrete navigation Weight Reflective TFT daylight readable color display, 29-key numeric, 29-key functional numeric or 52-key alphanumeric with discrete navigation Hand held: 602.0 g / 21.2 oz Pistol grip: 668.0 g / 23.6 oz SAFETY & REGULATORY The product meets necessary safety and regulatory approvals for its intended use. The Users Manual for this product can be referred to for a complete list of certifications Environmental Compliance Complies to EU RoHS VLD - Class 2 IEC/EN\60825-1. Compliant with 21 CFR 1040.10 except for deviations pursuant to laser notice Number 50, dated June 24, 2007.		Bluetooth wireless technology v4 with BLE (Android models) Bluetooth® v2.1 + EDR (WEC7 models)
GS1 DataBar™ linear codes. Aztec Code, Data Matrix, MaxiCode, PDF417, Micro PDF417, 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 ELECTRICAL Battery Removable battery pack with rechargeable Li-ion batteries; 3.7 V 5200 mAh (19.2 Watt hours) ENVIRONMENTAL Withstands drops from 1.8 m / 6.0 ft onto concrete follow IEC68-2-32 (Method 1) and 1500 random drops from 1.0 m / 3.3 ft follow EC68-2-32 (Method 2) Particulate and Water Sealing IP65 Operating: -20 to 50 °C /-4 to 122 °F Storage: -30 to 70 °C /-22 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; Ethernet or Modem: via single-slot dock (external module) PHYSICAL CHARACTERISTICS Audio Integrated microphone, high-volume speaker Handheld: 22.5 x 8.8 x 5.5 cm / 8.9 x 3.5 x 2.2 in; 6.4 x 4.0 cm / 2.5 x 1.6 in at keyboard Pistol grip: 22.5 x 8.8 x 16.8 cm / 8.9 x 3.5 x 6.6 in Reflective TFT daylight readable color display, 240 x 320 pixels, 8.9 cm / 3.5 in diagonal, 65K colors, backlight, touchscreen Polycarbonate hard cap keyboards with backlight; 29-key numeric, 29-key functional numeric or 52-key alphanumeric with discrete navigation Weight The product meets necessary safety and regulatory approvals for its intended use. The Users Manual for this product can be referred to for a complete list of certifications Environmental Compliance Complies to EU RoHS VLD - Class 2 IEC/EN60825-1. Compliant with 21 CFR 1040.10 except for deviations pursuant to laser notice Number 50, dated June 24, 2007.	DECODING CAPABIL	
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 ELECTRICAL Battery Removable battery pack with rechargeable Li-ion batteries; 3.7 V 5200 mAh (19.2 Watt hours) ENVIRONMENTAL Withstands drops from 1.8 m / 6.0 ft onto concrete follow IEC68-2-32 (Method 1) and 1500 random drops from 1.0 m / 3.3 ft follow EC68-2-32 (Method 2) Particulate and Water Sealing IP65 Temperature Operating: -20 to 50 °C /-4 to 122 °F Storage: -30 to 70 °C /-22 to 158 °F INTERFACES Main connector with USB 2.0 High Speed Host (480 Mbps) and Client, RS-232 up to 115.2 Kbps; Ethernet or Modem: via single-slot dock (external module) PHYSICAL CHARACTERISTICS Audio Integrated microphone, high-volume speaker Handheld: 22.5 x 8.8 x 5.5 cm / 8.9 x 3.5 x 2.2 in; 6.4 x 4.0 cm / 2.5 x 1.6 in at keyboard Pistol grip: 22.5 x 8.8 x 16.8 cm / 8.9 x 3.5 x 6.6 in Reflective TFT daylight readable color display, 240 x 320 pixels, 8.9 cm / 3.5 in diagonal, 65K colors, backlight, touchscreen Polycarbonate hard cap keyboards with backlight; 29-key numeric, 29-key functional numeric or 52-key alphanumeric with discrete navigation Weight The product meets necessary safety and regulatory approvals for its intended use. The Users Manual for this product can be referred to for a complete list of certifications Environmental Compliance Complies to EU ROHS VLD - Class 2 IEC/EN60825-1. Compliant with 21 CFR 1040.10 except for deviations pursuant to laser notice Number 50, dated June 24, 2007.	1D / Linear Codes	
Mail, USPS Intelligent Mail, USPS PLANET, USPS, Postnet	2D Codes	
### Composite Section ### Composite ### Co	Postal Codes	Australian Post, Japanese Post, KIX Code, Royal Mail, USPS Intelligent Mail, USPS PLANET, USPS, Postnet
Removable battery pack with rechargeable Li-ion batteries; 3.7 V 5200 mAh (19.2 Watt hours) ENVIRONMENTAL Withstands drops from 1.8 m / 6.0 ft onto concrete follow IEC68-2-32 (Method 1) and 1500 random drops from 1.0 m / 3.3 ft follow EC68-2-32 (Method 2) Particulate and Water Sealing IP65 Temperature	Stacked Codes	l · · · · · · · · · · · · · · · · · · ·
ENVIRONMENTAL Withstands drops from 1.8 m / 6.0 ft onto concrete follow IEC68-2-32 (Method 1) and 1500 random drops from 1.0 m / 3.3 ft follow EC68-2-32 (Method 2) Particulate and Water Sealing IP65 Temperature IP65 Operating: -20 to 50 °C /-4 to 122 °F Storage: -30 to 70 °C / -22 to 158 °F INTERFACES Main connector with USB 2.0 High Speed Host (480 Mbps) and Client, RS-232 up to 115.2 Kbps; Ethernet or Modem: via single-slot dock (external module) PHYSICAL CHARACTERISTICS Audio Integrated microphone, high-volume speaker Handheld: 22.5 x 8.8 x 5.5 cm / 8.9 x 3.5 x 2.2 in; 6.4 x 4.0 cm / 2.5 x 1.6 in at keyboard Pistol grip: 22.5 x 8.8 x 16.8 cm / 8.9 x 3.5 x 6.6 in Reflective TFT daylight readable color display, 240 x 320 pixels, 8.9 cm / 3.5 in diagonal, 65K colors, backlight, touchscreen Polycarbonate hard cap keyboards with backlight; 29-key numeric, 29-key functional numeric or 52-key alphanumeric with discrete navigation Weight Hand held: 602.0 g / 21.2 oz Pistol grip: 668.0 g / 23.6 oz SAFETY & REGULATORY The product meets necessary safety and regulatory approvals for its intended use. The Users Manual for this product can be referred to for a complete list of certifications Environmental Compliance Complies to EU RoHS VLD - Class 2 IEC/EN60825-1. Compliant with 21 CFR 1040.10 except for deviations pursuant to laser notice Number 50, dated June 24, 2007.	ELECTRICAL	
## Withstands drops from 1.8 m / 6.0 ft onto concrete follow IEC68-2-32 (Method 1) and 1500 random drops from 1.0 m / 3.3 ft follow EC68-2-32 (Method 2) ## Particulate and Water Sealing IP65	Battery	Removable battery pack with rechargeable Li-ion batteries; 3.7 V 5200 mAh (19.2 Watt hours)
follow IEC68-2-32 (Method 1) and 1500 random drops from 1.0 m / 3.3 ft follow EC68-2-32 (Method 2) Particulate and Water Sealing IP65 Temperature Dimersions Dimensions Display	ENVIRONMENTAL	
Temperature Operating: -20 to 50 °C /-4 to 122 °F Storage: -30 to 70 °C / -22 to 158 °F INTERFACES Main connector with USB 2.0 High Speed Host (480 Mbps) and Client, RS-232 up to 115.2 Kbps; Ethernet or Modem: via single-slot dock (external module) PHYSICAL CHARACTERISTICS Audio Integrated microphone, high-volume speaker Handheld: 22.5 × 8.8 × 5.5 cm / 8.9 × 3.5 × 2.2 in; 6.4 × 4.0 cm / 2.5 × 1.6 in at keyboard Pistol grip: 22.5 × 8.8 × 16.8 cm / 8.9 × 3.5 × 6.6 in Reflective TFT daylight readable color display, 240 × 320 pixels, 8.9 cm / 3.5 in diagonal, 65K colors, backlight, touchscreen Polycarbonate hard cap keyboards with backlight; 29-key numeric, 29-key functional numeric or 52-key alphanumeric with discrete navigation Weight Physical Grip: 668.0 g / 21.2 oz Pistol grip: 668.0 g / 23.6 oz SAFETY & REGULATORY The product meets necessary safety and regulatory approvals for its intended use. The Users Manual for this product can be referred to for a complete list of certifications Environmental Compliance VLD - Class 2 IEC/EN60825-1. Compliant with 21 CFR 1040.10 except for deviations pursuant to laser notice Number 50, dated June 24, 2007.	Drop Resistance	follow IEC68-2-32 (Method 1) and 1500 random drops from 1.0 m / 3.3 ft follow
INTERFACES Main connector with USB 2.0 High Speed Host (480 Mbps) and Client, RS-232 up to 115.2 Kbps; Ethernet or Modem: via single-slot dock (external module) PHYSICAL CHARACTERISTICS Audio Integrated microphone, high-volume speaker Handheld: 22.5 x 8.8 x 5.5 cm / 8.9 x 3.5 x 2.2 in; 6.4 x 4.0 cm / 2.5 x 1.6 in at keyboard Pistol grip: 22.5 x 8.8 x 16.8 cm / 8.9 x 3.5 x 6.6 in Reflective TFT daylight readable color display, 240 x 320 pixels, 8.9 cm / 3.5 in diagonal, 65K colors, backlight, touchscreen Polycarbonate hard cap keyboards with backlight; 29-key numeric, 29-key functional numeric or 52-key alphanumeric with discrete navigation Weight Physical Grip: 668.0 g / 21.2 oz Pistol grip: 668.0 g / 23.6 oz SAFETY & REGULATORY The product meets necessary safety and regulatory approvals for its intended use. The Users Manual for this product can be referred to for a complete list of certifications Environmental Compliance VLD - Class 2 IEC/EN60825-1. Compliant with 21 CFR 1040.10 except for deviations pursuant to laser notice Number 50, dated June 24, 2007.	Particulate and Water Sealing	IP65
Interfaces Main connector with USB 2.0 High Speed Host (480 Mbps) and Client, RS-232 up to 115.2 Kbps; Ethernet or Modem: via single-slot dock (external module) PHYSICAL CHARACTERISTICS Audio Integrated microphone, high-volume speaker Handheld: 22.5 x 8.8 x 5.5 cm / 8.9 x 3.5 x 2.2 in; 6.4 x 4.0 cm / 2.5 x 1.6 in at keyboard Pistol grip: 22.5 x 8.8 x 16.8 cm / 8.9 x 3.5 x 6.6 in Reflective TFT daylight readable color display, 240 x 320 pixels, 8.9 cm / 3.5 in diagonal, 65K colors, backlight, touchscreen Polycarbonate hard cap keyboards with backlight; 29-key numeric, 29-key functional numeric or 52-key alphanumeric with discrete navigation Weight Hand held: 602.0 g / 21.2 oz Pistol grip: 668.0 g / 23.6 oz SAFETY & REGULATORY The product meets necessary safety and regulatory approvals for its intended use. The Users Manual for this product can be referred to for a complete list of certifications Environmental Compliance VLD - Class 2 IEC/EN60825-1. Compliant with 21 CFR 1040.10 except for deviations pursuant to laser notice Number 50, dated June 24, 2007.	•	
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Audio Integrated microphone, high-volume speaker Dimensions Handheld: 22.5 x 8.8 x 5.5 cm / 8.9 x 3.5 x 2.2 in; 6.4 x 4.0 cm / 2.5 x 1.6 in at keyboard Pistol grip: 22.5 x 8.8 x 16.8 cm / 8.9 x 3.5 x 6.6 in Display Reflective TFT daylight readable color display, 240 x 320 pixels, 8.9 cm / 3.5 in diagonal, 65K colors, backlight, touchscreen Polycarbonate hard cap keyboards with backlight; 29-key numeric, 29-key functional numeric or 52-key alphanumeric with discrete navigation Weight Hand held: 602.0 g / 21.2 oz Pistol grip: 668.0 g / 23.6 oz SAFETY & REGULATORY Agency Approvals The product meets necessary safety and regulatory approvals for its intended use. The Users Manual for this product can be referred to for a complete list of certifications Environmental Compliance Complies to EU RoHS VLD - Class 2 IEC/EN60825-1. Compliant with 21 CFR 1040.10 except for deviations pursuant to laser notice Number 50, dated June 24, 2007.	Interfaces	
Handheld: 22.5 x 8.8 x 5.5 cm / 8.9 x 3.5 x 2.2 in; 6.4 x 4.0 cm / 2.5 x 1.6 in at keyboard Pistol grip: 22.5 x 8.8 x 16.8 cm / 8.9 x 3.5 x 6.6 in Reflective TFT daylight readable color display, 240 x 320 pixels, 8.9 cm / 3.5 in diagonal, 65K colors, backlight, touchscreen Polycarbonate hard cap keyboards with backlight; 29-key numeric, 29-key functional numeric or 52-key alphanumeric with discrete navigation Weight	PHYSICAL CHARAC	TERISTICS
Dimensions 6.4 x 4.0 cm / 2.5 x 1.6 in at keyboard Pistol grip: 22.5 x 8.8 x 16.8 cm / 8.9 x 3.5 x 6.6 in Reflective TFT daylight readable color display, 240 x 320 pixels, 8.9 cm / 3.5 in diagonal, 65K colors, backlight, touchscreen Polycarbonate hard cap keyboards with backlight; 29-key numeric, 29-key functional numeric or 52-key alphanumeric with discrete navigation Weight Hand held: 602.0 g / 21.2 oz Pistol grip: 668.0 g / 23.6 oz SAFETY & REGULATORY The product meets necessary safety and regulatory approvals for its intended use. The Users Manual for this product can be referred to for a complete list of certifications Environmental Compliance VLD - Class 2 IEC/EN60825-1. Compliant with 21 CFR 1040.10 except for deviations pursuant to laser notice Number 50, dated June 24, 2007.	Audio	Integrated microphone, high-volume speaker
Display 240 x 320 pixels, 8.9 cm / 3.5 in diagonal, 65K colors, backlight, touchscreen Polycarbonate hard cap keyboards with backlight; 29-key numeric, 29-key functional numeric or 52-key alphanumeric with discrete navigation Weight Hand held: 602.0 g / 21.2 oz Pistol grip: 668.0 g / 23.6 oz SAFETY & REGULATORY The product meets necessary safety and regulatory approvals for its intended use. The Users Manual for this product can be referred to for a complete list of certifications Environmental Compliance VLD - Class 2 IEC/EN60825-1. Compliant with 21 CFR 1040.10 except for deviations pursuant to laser notice Number 50, dated June 24, 2007.	Dimensions	6.4 x 4.0 cm / 2.5 x 1.6 in at keyboard
Keyboard 29-key numeric, 29-key functional numeric or 52-key alphanumeric with discrete navigation Weight Hand held: 602.0 g / 21.2 oz Pistol grip: 668.0 g / 23.6 oz SAFETY & REGULATORY The product meets necessary safety and regulatory approvals for its intended use. The Users Manual for this product can be referred to for a complete list of certifications Environmental Compliance Complies to EU RoHS VLD - Class 2 IEC/EN60825-1. Compliant with 21 CFR 1040.10 except for deviations pursuant to laser notice Number 50, dated June 24, 2007.	Display	240 x 320 pixels, 8.9 cm / 3.5 in diagonal,
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The product meets necessary safety and regulatory approvals for its intended use. The Users Manual for this product can be referred to for a complete list of certifications Environmental Compliance Complies to EU RoHS VLD - Class 2 IEC/EN60825-1. Compliant with 21 CFR 1040.10 except for deviations pursuant to laser notice Number 50, dated June 24, 2007.	Weight	
Agency Approvals approvals for its intended use. The Users Manual for this product can be referred to for a complete list of certifications Environmental Compliance Complies to EU RoHS VLD - Class 2 IEC/EN60825-1. Compliant with 21 CFR 1040.10 except for deviations pursuant to laser notice Number 50, dated June 24, 2007.		
VLD - Class 2 IEC/EN60825-1. Compliant with 21 CFR 1040.10 except for deviations pursuant to laser notice Number 50, dated June 24, 2007.		The product meets necessary safety and regulatory approvals for its intended use. The Users Manual for this product can be referred to
Laser Classification CFR 1040.10 except for deviations pursuant to laser notice Number 50, dated June 24, 2007.	Environmental Compliance	Complies to EU RoHS
·	Laser Classification	CFR 1040.10 except for deviations pursuant to laser
	LED Classification	Exempt Risk Group IEC/EN62471

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; DPM Support	
Auto Range 2D	Optical Resolution: 1D codes: 3 mils; 2D codes: 10 mils Depth of Field (typical): 10 mil/Code 39: 0.16 to 3.1 m / 0.5 to 10 ft 55 mil/Code 39: up to 8.5 m / 28 ft 100 mil/Code 128: up to 17 m / 55 ft 10 mil/Datamatrix: 0.4 to 1.1 m / 1.4 to 3.6 ft 55 mil/Datamatrix: up to 4.8 m / 16 ft 100 mil/Datamatrix: up to 8.3 m / 27 ft	
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	
Scan Window	All scan engines feature Corning® Gorilla® Glass 3 scan window	
SOFTWARE		
Applications	Pal Application Library pre-licensed (WEC7 only)	
Configuration and Maintenance	Wavelink Avalanche® pre-licensed (WEC7 only), 42 Gears SureLock pre-licensed for device lockdown (Android only); SOTI MobiControl (optional), Datalogic xPlatform Utility (DXU) pre-licensed, Datalogic Desktop Utility (DDU) pre-licensed for device lockdown (WEC7 only)	
Development	WEC7: Datalogic Windows SDK™ Android: Datalogic Android SDK, Xamarin SDK	
Browser	SureFox locked web browser pre-licensed for WEC7 and Android models	
Terminal Emulation	Wavelink® Terminal Emulation™ pre-licensed (for WEC7 models only); StayLinked SmartTE (for Android); Wavelink Velocity (for Android)	
SYSTEM		
Audio	Wideband Speech (HD Audio) supported on Android	
Expansion Slots	Micro Secure Digital slot (SDHC) up to 32 GB, user-accessible	
Memory	RAM Memory: 1 GB Flash Memory: 8 GB (partially used for firmware and reserved data)	
Microprocessor	TI OMAP4 @ 1 GHz	
Operating System	Microsoft Windows Embedded Compact 7 (WEC7) or Android v4.4*	
Reak-Time Clock	Time and date stamping under software control	
*OS swap from WEC7 to Android 4.4 or from Android 4.4 to WEC7 is supported on all		

*OS swap from WEC7 to Android 4.4 or from Android 4.4 to WEC7 is supported on all Falcon 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

Docks



• 94A150057 Single Slot • 94A150056 Dock w/Spare Battery Multi-Ether Charging Slot 4 terminals



Multi-Ethernet Dock Charges
 4 terminals and 4 Batteries



• 94A151131 Vehicle Dock

Battery Chargers



• 94A151137 Multi Battery Charger

STEPPEN STEPPEN

Multi Charge Only Dock Charges 4 terminals and 4 Batteries

Cases/Holsters



• 94ACC0104 Rubber Boot



• 94ACC0047 Standard Softcase with Quick Release Belt Clip

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