

falcon

FALCON 4400 SERIES

Hand-Held and Pistol Grip Mobile Computers



HIGHLIGHTS

- **OUTSTANDING ERGONOMICS**
Industry leading ergonomics combine superb balance, light weight and arched contours for ease of use.
- **VISIBILITY**
Easy to read 200 NIT, 3.5" QVGA display provides ease of use in a wide variety of lighting conditions.
- **FLEXIBILITY**
Flexible configurations provide choice of two operating systems, five bar code scan engines and eight keypads.
- **RUGGED**
Rugged construction survives industrial environments and multiple drops to concrete.
- **AUDIBLE FEEDBACK**
Loudest beeper on the market, 86dBA at 24"/61 cm, provides audible feedback in noisy operating environments.
- **STANDARDS**
State of the art partnerships leverage IEEE technology standards: Microsoft Windows; Intel X-Scale architecture; Cisco and Summit WiFi CCX v 3; Bluetooth® wireless technology.

FEATURES

- Microsoft Windows® CE or Windows Mobile® Operating Systems
- WiFi wireless local area networking with CCX v 3 security
- Intel® XScale Microprocessor
- 128 MB RAM / 128 MB Flash Memory
- Bluetooth® wireless technology
- Falcon® Management Utility (FMU) and Falcon® Desktop Utility (FDU)

APPLICATIONS

- Inventory control
- Price verification
- Cycle Count
- Shipping
- Receiving
- Picking
- Put Away
- Asset Tracking
- Order Management

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Specifications

PHYSICAL CHARACTERISTICS

DIMENSIONS	Length: 9.0" / 22.6 cm Width at display: 3.5" / 8.6 cm Width at grip: 2.5" / 6.4 cm Height at grip: 1.6" / 4.1 cm
WEIGHT	23.3 oz / 724 g (Varies depending on configuration selected)
KEYBOARDS	26-key Standard Alphanumeric; 48-key full alphanumeric (4423 Only); 52-key full alphanumeric; 52 key numbers up full alphanumeric; Full alphanumeric keyboards have 5250 overlays in the box
DISPLAY	3.5" active matrix TFT QVGA display; 320 x 240, pixels; 64K colors, up to 200 NIT, anti-reflective
OPERATING TEMPERATURE	14° to 122° F / -10° to 50° C
STORAGE TEMPERATURE	-13° to 158° F / -25° to 70° C
DROP RESISTANCE	Survives twelve 5.0' / 1.5m drops to concrete
PROTECTION CLASS	CIE IEC 60529, Rating IP54

SYSTEM

OPERATING SYSTEM	Microsoft Windows CE 5.0 or Windows Mobile 5.0
MICROPROCESSOR	Intel® XScale™ PXA255, 400 MHz
MEMORY	128 MB SDRAM / 128 MB Flash
MAIN BATTERY	Rechargeable Lilon battery pack; 2400 mAh @ 3.7 v nominal
BACKUP BATTERY	Rechargeable lithium backup battery
POWER MANAGEMENT	Sleep/off mode with programmable timeout: 5 mA; Idle mode: 60 mA; Operating mode: 155 mA.; Low battery indicator

COMMUNICATIONS

LOCAL AREA NETWORK	Wi-Fi certified 802.11b/g, Cisco Certified CCX version 3.0
PERSONAL AREA NETWORK	Bluetooth class 2, v1.2
COM PORTS	RS232, USB v1.1 Client
DOCK COMMUNICATIONS	USB 1.1 & RS232
PC CARD	Internal card slot
BEEP TONE	86dBA (at 24" / 61 cm) / 100dBA (at 10 cm) Programmable for pitch and duration

READING OPTIONS

LASER SCAN ENGINES	Standard (SR), Long Range (LR), and Advanced Long Range (ALR)
IMAGING SCAN ENGINES	Standard 2D and High-density 2D imaging
1D Codes	Code 32, 39, 93; EAN/JAN 8, 13; Matrix 2/5; EAN/UPC 2 digit ext.; Codabar; EAN 128; MSI / Plessey; EAN/UPC 5 digit ext.; Code 128; UPC A, E; Standard 2/5; EAN/UCC Composite; Code 128 ext.; Interleaved 2/5; Code 39 Full ASCII; RSS-14/RSS Limited
2D Codes	PDF-417; RSS Expanded; Data Matrix; QR Code; Micro PDF-417; Aztec Code; Maxi Code; OCR-A/B; U.S. Currency Serial Number; MICR E 13 B; Postal Codes

SAFETY AND REGULATORY

ELECTRICAL	EN60950-1, UL60950-1, CSA60950-1
BATTERY	IATA/UN 38.3
EMISSIONS	FCC Part 15C, EN55022, VCCI, ICES-003, CNS 13438, AS/NZS CISPR 22
RADIO	FCC Part 15:247, EN 300 328
LASER CLASSIFICATION	CDRH Class II, IEC 60825-1, Class 2; Class 3R for ALR devices
RADIO APPROVED COUNTRIES	Contact Datalogic



Caution: Laser Radiation - do not stare into beam

Please refer to user manual available at www.mobile.datalogic.com/manuals for information on product use limitation. For more information see: www.mobile.datalogic.com/falcon4410 and www.mobile.datalogic.com/falcon4420

Accessories



Docks



Spare Battery Charger



Direct Charge Power Supply



Soft Case with Belt Clip