



# FALCON 4400 SERIES

## Hand-Held and Pistol Grip Mobile Computer



### 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

# falcon

## FALCON 4400 SERIES

### 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](http://www.mobile.datalogic.com/manuals) for information on product use limitation. For more information see: [www.mobile.datalogic.com/falcon4410](http://www.mobile.datalogic.com/falcon4410) and [www.mobile.datalogic.com/falcon4420](http://www.mobile.datalogic.com/falcon4420)



Datalogic Communication Division  
Printed in November 2007

DATALOGIC MOBILE INC  
1505 Westec Drive  
Eugene, OR 97402  
Tel. 541-743-4800  
E-mail: [info.mobile.us@datalogic.com](mailto:info.mobile.us@datalogic.com)

### Accessories



Docks



Spare Battery Charger



Direct Charge Power Supply



Soft Case with Belt Clip

**DATALOGIC**™

DATALOGIC MOBILE