# falcon

# FALCON 4400 SERIES

# Hand-Held and Pistol Grip Mobile Computer

Wavelink Powered

Microsoft® Windows® Powered

Windows Mobile®

Bluetooth®

Wi-Fi CERTIFIED b g

Cisco Compatible

LASER

Linear/2D codes

## 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 4; Bluetooth® Wireless Technology.

## FEATURES

• Microsoft Windows® CE or Windows Mobile® Operating Systems
• WiFi wireless local area networking with CCX v 4 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

www.mobile.datalogic.com

# ⊘DATALOGIC ™

# FALCON 4400 SERIES

## Specifications

## Accessories

### 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 / 660 g (Varies depending on configuration selected) |
| KEYBOARDS | 26-key Standard Alphanumeric; |
| | 48-key full alphanumeric (Falcon Gun  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 LiIon 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 4.0 |
| 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): 2.5 - 36 inches (8 - 91 cm); |
| | Long Range (LR): 8 - 210 inches (20 - 533 cm); |
| | Advanced Long Range (ALR): 9 - 320 inches (23 - 813 cm) |
| IMAGING SCAN ENGINES* | Standard 2D Imager: 2 - 13 inches (5 - 33 cm) |
| 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 |

*Depth of field  distances vary by symbol, symbol length, scan angle, printing resolution, contrast, and ambient light.

### 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

Docks

Spare Battery Charger

Direct Charge Power Supply

Soft Case with Belt Clip

## ⊕DATALOGIC™

### DATALOGIC MOBILE