

falcon

FALCON 4400 SERIES

HAND HELD/PISTOL GRIP

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, three bar code scan engines and four 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 certified; Bluetooth® wireless technology

FEATURES

- > Microsoft Windows® CE 5.0 or Windows Mobile® 5.0 Operating Systems
- > Summit embedded Wi-Fi for enterprise-class mobile connectivity with CCX V4 certification
- > XScale Microprocessor
- > 128 MB RAM / 128 MB Flash Memory
- > Bluetooth® wireless technology
- > Datalogic Management Utility (DMU) and Datalogic Desktop Utility (DDU)
- > Pal Application Library prelicensed

APPLICATIONS

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



SPECIFICATIONS

> PHYSICAL CHARACTERISTICS

DIMENSIONS	Length: 22.6 cm / 9.0" Width at display: 8.6 cm / 3.5" Width at grip: 6.4 cm / 2.5" Height at grip: 4.1 cm / 1.6"
WEIGHT	660 g / 23.3 oz (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	-10° to 50° C / 14° to 122° F
STORAGE TEMPERATURE	-25° to 70° C / -13° to 158° F
DROP RESISTANCE	Survives twelve 1.5m / 5.0' drops to concrete
SEALING PROTECTION CLASS	CIE IEC 60529, Rating IP54

> SYSTEM

OPERATING SYSTEM	Microsoft Windows CE 5.0 or Windows Mobile 5.0
MICROPROCESSOR	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
REAL-TIME CLOCK	Time and date stamping under software control
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	802.11b/g CCX V4 certified
PERSONAL AREA NETWORK	Bluetooth class 2, v1.2
COM PORTS	RS232, USB v1.1 Client
DOCK COMMUNICATIONS	USB 1.1 & RS232; Modem and Ethernet optional
CF CARD	Internal card slot (Batch only)
BEEP TONE	86dBA (at 61 cm / 24") / 100dBA (at 10 cm) Programmable for pitch and duration

> READING OPTIONS

LASER SCAN ENGINES*	Standard (SR): 8 - 91 cm (2.5 - 36 inches); Long Range (LR): 20 - 533 cm (8 - 210 inches)
IMAGING SCAN ENGINES*	Standard 2D Imager: 5 - 33 cm (2 - 13 inches) 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 PDF-417; RSS Expanded; Data Matrix; QR Code; Micro PDF-417; Aztec Code; Maxi Code; U.S. Currency Serial Number; MICR E 13 B; Postal Codes
1D Codes	
2D 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

ACCESSORIES



Caution: Laser Radiation - do not stare into beam



Docks



Spare Battery Charger



Direct Charge Power Supply



Soft Case with Belt Clip

Specifications are subject to change. Please check www.mobile.datalogic.com for the latest product specifications. For information on product use limitations, please refer to the user manual available at www.mobile.datalogic.com/manuals