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)

APPLICATIONS

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

DATALOGIC™

> 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 LiIon 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)
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; 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

ACCESSORIES

Caution: Laser Radiation - do not stare into beam

CE CSQ TÜV

Docks

Spare Battery Charger

Direct Charge Power Supply

Soft Case with Belt Clip

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

DATALOGIC™

www.mobile.datalogic.com