

Falcon[®] 330 & 335

Portable Data Terminals



Setting a New Standard For Industrial Portable Data Collection Terminals

Fast, accurate, customizable real-time automatic data collection is the need of today's businesses striving for greater efficiency, productivity and cost-effectiveness. The Falcon[®] series 330/335 by PSC is the answer. Open standards, powerful applications and ease of use allow these portable data collection terminals to integrate seamlessly into the supply chain of companies involved in logistics, manufacturing, retail, warehousing and distribution.

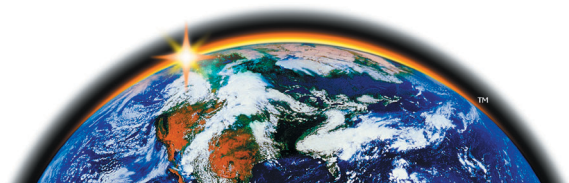
The Falcon[®] 330/335 has a sleek, IP54 rated, environmentally sealed case and built-in, front shooting laser. It's powerful 486 class processor, running at 33 MHz, operates under DOS 6.22. The Falcon[®] 330/335 comes with 8MB of RAM, 2MB of Flash ROM, an internal PC Card slot, a 16-line screen and 38 key alphanumeric keypad. Open architecture ensures easy application development. And the Falcon[®] 335 wireless terminal is available with PowerNet Twin Client to support VT100, VT220, HP700/92, IBM 3270 and IBM 5250 terminal emulations, with screen formatter, allowing swift and simple integration into your existing legacy system.

While the Falcon[®] 330 provides ideal batch data collection solutions, the Falcon[®] 335, a wireless data collection terminal, excels in data collection throughout the supply chain where real-time access to data is required. Its internal antenna is protected and its 2.4GHz spread spectrum radio options include Cisco (Aironet), Lucent, Proxim and Symbol radio support for maximum flexibility. The Falcon[®] 335 has raised the bar in RF, real-time data collection technology.

With the international quality standards set by ISO 9000, Computer Integrated Manufacturing (CIM), Just In Time (JIT) and Total Quality Control (TQC), companies are required to have documented procedures and effective automated data capture applications, such as inventory control, work in progress, labor tracking, receiving-putaway and pick/ship systems. The aptly named Falcon[®] soars in this tough environment.

Features:

- Powerful 486 class Processor
- DOS 6.22 Operating System
- 8MB of RAM standard
- Internal Antenna and Built-in, Front-Shooting Laser
- Environmentally Sealed to an IP54 rating
- One internal PC Card Slot
- Supports leading wireless LANs including Cisco (Aironet), Lucent, Proxim, Symbol
- Compatible with IntelliTrack[®] Warehouse Management System
- Legacy system interfacing with PowerNet TN



Specifications

Falcon® 330 & 335

PRODUCT and SYSTEM

Mechanical

Dimensions

Length: 7.8" / 19.8 cm
 Width at display: 3.4" / 8.6 cm
 Width at grip: 2.5" / 6.4 cm
 Height at grip: 1.4" / 3.6 cm

Weight (w/battery pack)

No radio, no laser: 11.5 oz. / 325 g
 No radio, w/laser: 11.7 oz. / 330 g
 Radio, no laser: 12.7 oz. / 360 g
 Radio, w/laser: 12.9 oz. / 365.7 g

Display

Super-twist graphics LCD;
 Backlight w/programmable timeout;
 128x160 pixels plus 8 on-screen icons;
 Formats: 16x26, 16x20 & 8 lines x 20 characters

Keypad

38-key alphanumeric;
 Single & double-click alpha access;
 5 dedicated function keys, 5 shifted
 Western-European character support

Construction

Industrial, high-strength polycarbonate/
 ABS-blend plastic

Environmental

Temperature rating

Operating: 14° to 122° F / -10° to 50° C
 Storage: -4° to 158° F / -20° to 70° C

Humidity: 5 to 95% NC

Shock: multiple 4.0' / 12 m drops to concrete

Water & Dust: IEC529 rating IP54DW



Falcon® Dock also available

Optical

Light source: 650 nm Visible Laser Diode (VLD)
 Scan rate: 39±3 scans/sec. nominal
 Depth of Field: Refer to chart on this page
 Indicators: Good read; scan
 Ambient light immunity
 Artificial light: 450 ft-candles / 4,844 lux
 Sunlight: 10,000 ft-candles / 107,640 lux

Decoding Capability

(autodiscriminates between)

UPC A, E / EAN 8,13 / JAN 8,13
 (P2 / P5, Code 128 EAN add-ons)
 Code 128 Interleaved 2 of 5
 Code 39 Standard 2 of 5
 Code 39 Full ASCII Matrix 2 of 5
 Code 93 MSI / Plessey
 Code 11 Ames
 Codabar Label Codes 4/5
 ISBN conversion

Safety and Regulatory

Electrical: Complies to CE
 Emissions: FCC Part 15 - Class A
 Laser classification: CDRH Class II;
 (CAUTION: Laser Radiation -
 do not stare into beam);
 IEC 60825 Class 2



Depth-of-Field Chart -

(printing resolution, contrast and ambient light dependent;
 * Minimum distance determined by symbol length and scan angle)

Label Density	Range
5 mil	2.2" to 5.0" / 5.6 to 12.7 cm
7.5 mil	1.8" to 7.5" / 4.6 to 19.1 cm
10 mil	2.0" to 9.7" / 5.1 to 24.6 cm
13 mil	2.0" to 12.0" / 5.1 to 30.5 cm
20 mil	* to 15.0" / * to 38.1 cm
40 mil	* to 22.0" / * to 55.9 cm
55 mil	* to 29.0" / * to 73.7 cm

System

Operating System

ROM-DOS 6.22

Microprocessor

486 low power, 32-bit microprocessor
 Programmable speeds up to 33 MHz
 Real-time clock

Memory

Flash: 2MB (DOS, BIOS, applications &
 data storage);
 RAM: 8MB (for system operation,
 virtual-disk data storage)

IR Communications Port

Communication with Falcon® IR dock;
 Supports IR portable printers; IrDA compatible

Dock Communications (to host)

RS232; X modem, Z modem; 16550 UART,
 up to 57,600 bps

PC Card

Internal PC Card Type I/II slot

Speaker

Programmable for volume, duration and pitch

Power Options

Rechargeable NiMH battery pack; Falcon® dock;
 Falcon® battery charger

Advanced Power Management

(without PC Card)

Sleep/off mode with programmable timeout:
 ~2 mA; Doze mode: ~50 mA;
 Operating mode: ~80 mA (option dependent,
 CPU speed & application); Rechargeable
 lithium backup battery; Low battery indicator
 (display icon)

Radio Support (Falcon® 335)

Cisco Aironet 350 Series
 Lucent Orinoco WaveLAN 802.11b
 Proxim RangeLAN2
 Symbol Spectrum24® 802.11

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Specifications are subject to change without notice.

Additional information concerning this product or other PSC products
 and services can be found at the PSC website: www.pscnet.com,
 or contact your PSC representative for more information.



PSC Worldwide Sales and Service locations

Australia - NSW Tel: 61 2 9878 8999 Fax: 61 2 9878 8688	Australia Tel: 61 3 9281 3288 Fax: 61 3 9243 5510	Belgium Tel: 32 2 414 74 09 Fax: 32 2 410 11 63	Brazil Tel: 55 11 5507 7721 Fax: 55 11 5507 7696	Chile Tel: 562-339-7000 Fax: 562-339-7985	China Tel: 86 10 6857 9048 Fax: 86 10 6857 8699	China - South Tel: 86 20 8765 9955 Fax: 86 20 8765 9955	France Tel: 33 1 64 86 71 00 Fax: 33 1 64 46 72 44	
Germany Tel: 49 6151 93580 Fax: 49 6151 93588	Hong Kong Tel: 852 25846210 Fax: 852 25210291	India Tel: 91 11 4621586 Fax: 91 11 4623305	Italy Tel: 39 039 629031 Fax: 39 039 6859496	Japan Tel: 81 3 3491 6761 Fax: 81 3 3491 6656	Latin America Tel: 1 305 539 0111 Fax: 1 305 539 0206	Singapore Tel: 65 435 1311 Fax: 65 226 1242	Spain Tel: 34 91 203 65 00 Fax: 34 91 203 65 01	
Sweden Tel: 46 4010 84 92 Fax: 46 4010 84 91	Turkey Tel: 90 212 23691 15 Fax: 90 212 23691 16	United Kingdom Tel: 44 1923 809500 Fax: 44 1923 809505						