Falcon® 320 & 325
Portable Data Terminals

Portable Data Collection Terminal Solution

Fast, accurate, customizable real time Automatic Data Collection—this is the need of today’s businesses striving for greater efficiency, productivity and cost-effectiveness. The Falcon® series 320/325 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.

Rugged enough for the warehouse, but ergonomically designed for ease of use, the Falcon® 320 and 325 offer a 16-line screen, 486-class processor, 33 MHz operating speed, integrated scanning, and a user-accessible PC Card slot. Their open architecture affords easy application development. And the Falcon® 325 is available with PowerNet Twin Client to support VT100, VT220, HP700/92, IBM 3270 and 5250 terminal emulations, with screen formatter, allowing swift and simple integration into your existing legacy system.

While the Falcon® 320 provides ideal batch data collection solutions, the Falcon® 325, a wireless data collection terminal, is particularly ideal for data collection throughout the supply chain where real-time access to data is required. Our 2.4 GHz spread spectrum radio terminals have raised the bar in information management data collection, allowing information to be transmitted instantly, in real-time, without the use of wired connections.

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, receive-putaway and pick-ship systems. The aptly named Falcon® soars in this environment.

Choose From a Variety of Accessories for the Falcon® 320 & 325:

- Single or 4-slot Docks
- Softcase, Holster
- Falcon-to-Host Serial Cable
- Nicad Battery Pack
- ATA Flash Cards (8, 16, and 32 MB versions)

Features:
- Lightweight, ergonomic, compact design
- Open architecture design
- DOS 6.22, 486 PC-compatible
- User-accessible PC Card slot
- Integrated laser options
- 16 x 20 graphics backlit LCD
- Wireless options:
  - Choice of 2.4 GHz spread spectrum radios
  - Long range mobility
  - High throughput network capacity
  - Advanced power management
  - Seamless roaming
  - Access points, antennas and cables
  - Network and Terminal emulation software
Specifications
Falcon® 520 & 525

PRODUCT and SYSTEM

Mechanical
Dimensions
Length no laser: 8.65" / 22.0 cm
Length w/laser: 9.75" / 24.8 cm
Top width: 3.50" / 8.9 cm
Grip width: 2.75" / 7.0 cm
Height: 1.45" / 3.7 cm
Weight (w/battery pack)
No radio, no laser: 15.6 oz / 440 g
No radio, w/laser: 17.9 oz / 508 g
Radio, no laser: 17.4 oz / 493 g
Radio, w/laser: 19.8 oz / 561 g
Display
Super-twist graphics LCD;
Backlight w/programmable timeout;
128x64 pixels;
Up to 16 lines x 26 characters,
standard formats of 16x20 (default) and 8x20 (selectable)
Keypad
57 large alphanumeric keys;
5 dedicated function keys, 5 shifted;
Direct Western-European character support;
2 programmable side triggers
Construction
Industrial, high-strength polycarbonate/
ABS-blend plastic;
Chemical and splash resistant
Environmental
Temperature rating
Operating: 14° to 112° F / -10° to 50° C
Storage: -4° to 158° F / -20° to 70° C
Humidity: 5 to 95% NC
Shock: multiple 4 / 12 m drops to concrete

Depth-of-Field Chart – (printing resolution, contrast and ambient light dependent;
Minimum distance determined by symbol length and scan angle)

<table>
<thead>
<tr>
<th>Standard Range</th>
<th>Long Range</th>
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</thead>
<tbody>
<tr>
<td>Label Density</td>
<td>Range</td>
</tr>
<tr>
<td>5 mil</td>
<td>5.0” to 5.0” (8.0 to 15.0 cm)</td>
</tr>
<tr>
<td>7.5 mil</td>
<td>25” to 9.0” (6.0 to 23.0 cm)</td>
</tr>
<tr>
<td>10 mil</td>
<td>25” to 10.0” (6.0 to 35.0 cm)</td>
</tr>
<tr>
<td>15 mil</td>
<td>25” to 10.0” (6.0 to 48.0 cm)</td>
</tr>
<tr>
<td>20 mil</td>
<td>25” to 20.0” (6.0 to 55.0 cm)</td>
</tr>
<tr>
<td>40 mil</td>
<td>25” to 50.0” (6.0 to 76.0 cm)</td>
</tr>
<tr>
<td>55 mil</td>
<td>25” to 20.0” (6.0 to 55.0 cm)</td>
</tr>
<tr>
<td>70 mil (reflective)</td>
<td>70° to 200.0° (12.0 to 470.0 cm)</td>
</tr>
</tbody>
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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

Falcon® Dock also available

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.

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