PORTABLE DATA TERMINALS

Establishing New Benchmarks in Portable Data Terminals
Building on the legacy of our industry-leading PDT 3100 Portable Data Terminals, the PDT 6100 Series combines superior ergonomics, a high-performance scan engine and optimum battery life to provide you with unsurpassed performance for gathering, displaying and communicating the critical data that drives your business.

Available in both retail and light industrial versions, the PDT 6100 Series provides you with broader, more robust bar code-driven data management than ever before.

Superior Ergonomics and Advanced Features
The PDT 6100 Series has been ergonomically designed to provide maximum user comfort over extended periods of use. Its small, lightweight, contoured form factor rests easily in the user’s hand. The PDT 6100 allows for both left- or right-handed operation and a choice of conveniently spaced 35- or 46-key alphanumeric or 22-key numeric keyboard configurations for easy input—even for users who need to wear gloves.

The PDT 6100 offers a choice of brightly lit, easy-to-read display options. The 8-line by 20-character or the 16-line by 21-character liquid crystal displays feature user-selectable backlighting and adjustable contrast setting. Each display is scratch-resistant and sealed against moisture and dust.

Premium Scanning Performance
The PDT 6100 incorporates Symbol’s standard, high-performance SE 900 Scan Engine—the smallest, lightest and brightest scan engine available today. Just 35% of the weight and 20% of the size of the SE 1200, it is designed to provide the highest scanning performance in the smallest package possible.

Power When You Need It
Dramatic improvements in the battery life of the PDT 6100 will pay dividends to your company’s data-intensive applications wherever you use them. From retail operations where portable data terminals increase speed and efficiency of shelf pricing, audits, price checking, order entry, and inventory control, to transportation and logistics companies who need to perform package/baggage tracking, picking, receiving and cross-dock applications, the PDT 6100 NiMH battery gives you long life, for true full-shift capabilities, no matter how intensive the demands.

Tough Enough for Any Environment
Sealed for protection against the elements, the PDT 6100 Series light industrial version has the ruggedized housing you need for mobile applications, even in the most demanding indoor or outdoor manufacturing environments. The tough construction of the PDT 6100 can easily withstand multiple 4-ft./1.2 m drops to concrete.

Improved Communication Anywhere in Your Enterprise
The PDT 6100 offers either batch processing or wireless communications via Symbol’s Spectrum24® wireless LAN technology. This means you have options for collecting data easily and communicating it to your host computer, and for keeping track of information generated anywhere in your organization. For batch processing applications, you can even choose RAM options from 640 KB to a powerful 7.6 MB.

Profit from Symbol’s Strength
Symbol is the worldwide leader in bar code-driven data management systems with more than 40,000 wireless network installations and millions of scanners and terminals in use.

To find out how the PDT 6100 can work for you, call any of our convenient locations or visit us at www.symbol.com

PDT 6100 Series

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<th>Benefits</th>
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PDT 6100 Specification Highlights

Physical Characteristics

Dimensions: PDT 6100 with 8-line display with 1-D scanning: 2.2 in. D (at top), 1.5 in. D (at handle) x 3.25 in. W (at top) x 7.75 in. H / 56 mm D (at top), 38 mm D (at handle) x 83 mm W (at top), 70 mm W (at handle) x 197 mm H

Weight: 15.5 oz./440 gm to 16.9 oz./480 gm

User Environment

Electrostatic Discharge: 15 KV to all surfaces without loss of data

Humidity: 0% to 95% noncondensing at 122ºF/50ºC

Drop: Unit functions normally after 4 ft./1.2 m drop to concrete

Operating Temperature: Retail Version: 32º to 104ºF/0º to 40ºC

Light Industrial Version: -4º to 122ºF/-20º to 50ºC

Storage Temperature: -40º to 185ºF/-40º to 85ºC

Performance Characteristics

Microprocessor: 80c88 type (8 MHz/V25)

ROM: System EPROM 128 KB (DOS, BIOS, and terminal diagnostics)

Nonvolatile Memory: 256 KB for program storage in a protected area

RAM Memory: Up to 7.6 MB for data and/or program storage

Keyboard: 22-key hard key cap; 35-key, or 46-key conductive rubber; side alpha-shift key and scan trigger

Display: 8-line by 20 characters, 16-line by 21 characters, supertwist (STN) LCD, back light, reverse video, double-high and double-wide characters

Real-Time Clock: Time and date stamping under software control; Year 2000 compliant

Interconnect: USB: tethered laser scanner or contact wand; RJ-41: for cradle, cable or printer interface

Batch Communications

RJ-41: RS-232-C communications capable of transmission speeds from 150 bps to 38.4 Kbps (software selectable)

RF Data Communications

Output Power: 100, 230, 500 mW (approx.) (varies by country)

Antenna: Internal

Frequency: 2.4 to 2.5 GHz spread spectrum modulation (varies by country)

Spreading Code: Multiple, software controlled

Data Rate (effective): 1 Mbps–Frequency Hopping, 11 Mbps–Direct sequence

Compliance: FCC part 15 in U.S. only, ETSI 300.328 in Europe, RCD STD-33 in Japan

Peripheral Options

Optical Laser Module: Scanning module rotates 180º for front shooting, light or left-handed operation; supports one-dimensional bar codes; standard range

Contact Wands: Including 6 or 10 mil (.15 or .26 mm) aperture choices

Communications/Charging Adapter: Provides two-hour charging of NiMH batteries and provides full RS-232-C voltages and signals


Four-Unit Cradle: Equivalent to single-unit functionality without the modem option

Power: Rechargeable high-capacity NiMH battery pack

Regulatory

Electrical Safety: Certified to UL1950, CSA C22.2 No. 950, EN60950/EC650

Laser Safety: COMI Class II, BIC Class 2


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About LOGISCENTER

Grupo Logiscenter is the leading provider in Europe of automatic identification and data capture equipments. Our products include barcode printing and reading devices, mobile computing devices, wireless access points, identification cards, and consumables.

Reasons to work with us

Our customers come first. Our objective is not only selling our products but also holding a long-lasting relationship with our customers, based on the benefits and advantages we create for you and your company.

The best brands. We offer products from the best manufacturers worldwide.

Expert technical support team. Our support staff are experts in the products we sell. But not just the products, they can tell you the best solution for your particular problem or need.

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Easy returns. Damaged or defective products can be returned easily, for an exchange or reimbursement.

Solutions for: Industry • Consumer • Mobility
Transportation and Logistics • Retail • Health

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Barcode readers
Data terminals & PDA
PVC card printers
RFID
Consumables (labels, ribbons, PVC cards)

All Brands
Technical Service