

PDS-1 Portable Data Scanner



PDS-1 w/mag reader



PDS-1 w/carrying sleeve

THE LOW-COST SOLUTION FOR PORTABLE DATA COLLECTION

The **PDS-1** is a battery powered portable bar code reader and data storage unit capable of collecting and storing several thousand bar code scans along with an optional date and/or time value for later upload to a computer. The **PDS-1** is configured with 32,000 characters of storage capacity (128K optional), an RS-232 serial I/O port and a time-of-day clock. The unit comes with a digital bar code wand, a serial cable, an upload utility program for PC/AT/PS2 computers, and an AC charging adapter.

The **PDS-1** will auto-discriminate and decode five symbologies; UPC A & E, EAN 8 & 13, Code 39, Code 128, CODABAR, and I2of5. The unit annunciates each successful decode with an audible tone along with an LED light.

Features

- Scans and auto-discriminates all major barcode symbologies including UPC (A and E), EAN (8 and 13), Code 39, Code 128, Interleaved 2 of 5, and CODABAR.
- Supports any digital wand or barcode slot reader and most handheld laser or CCD scanners with on-board decoding. (The H-P HBCS-A300 wand is normally included with the PDS-1.)
- Audible "beep" and an L.E.D. light indicate each valid decode.

- Powered by 4 AA Size Ni-Cad batteries (AC charging adapter included).
- 32,000 character storage memory with lithium backup battery. (Optional 128,000 character memory available.)
- RS-232 port for data uploading and setup programming. Selectable baud rates of 110, 300, 600, 1200, 2400, 4800, 9600, 19.2K.
- User programmable operating features via the RS-232 port with ESCape commands or with a barcoded menu. Some of the programmable features are:
 - Serial port baud rate, data bits, and parity.
 - Enable/disable X-on/X-off protocol.
 - Enable/disable each barcode symbology.
 - Set min./max. digits for each symbology.
 - Enable/disable auto power down.
 - Enable/disable auto TIME stamping.
 - Enable/disable auto DATE stamping.
 - Load preamble text string.
 - Load postamble text string.
 - Load identity text string.
 - Load terminator text code(s).
 - Load delimiter code(s).



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PDS-1 Specifications



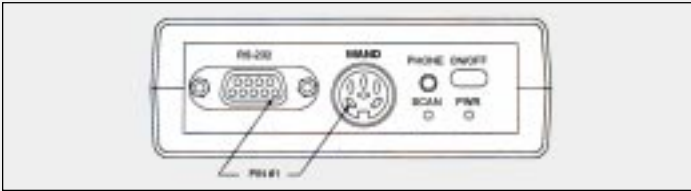
Battery Operation

The **PDS-1** is powered by NiCad batteries which will sustain its operation for over 10 hours of continuous scanning. Normally, with the auto-power-down feature enabled, the PDS-1 will turn itself off after a selected time interval, thus extending the battery life by 50 to 100 percent. Or, it can even be setup to shut itself off after each successful scan.

Indicators

POWER L.E.D. — On to indicate power is applied, flashes to indicate low battery.

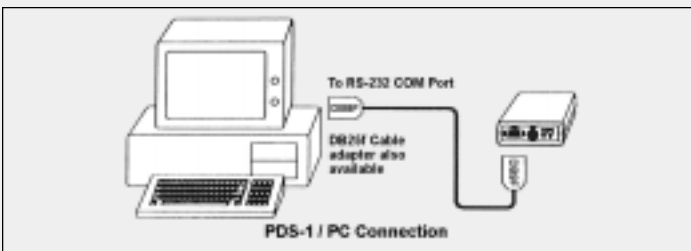
SCAN L.E.D. — Flashes once to indicate a successful barcode scan. Flashes intermittently to indicate memory full.



Port Connections

RS-232 Serial Communications port (DE-9M 9-pin male):

Pin	Signal
1	Carrier Detect
2	Receive data
3	Transmit Data
4	Data Terminal Ready
5	Signal Ground
6	Data set ready
7	Request to send
8	Clear to send
9	Ring detect



Wand Port (5-pin DIN jack):

Pin	Signal
1	5V dc power out
2	TTL signal input
3	Ground
4	No connection
5	No connection

Specifications

Construction—

Light weight injection molded ABS plastic.

Dimensions (h x w x l)—

1.43" x 3.68" x 6.20" (33 x 90 x 150mm)

Weights—

Basic unit:	12.2 ounces (345 grams)
Charger:	8.2 ounces (230 grams)
Wand:	3.8 ounces (106 grams)

Operating Environment—

Temperature: 0 to 60 deg. C. (32 to 120 deg. F.)
Humidity: 5% to 95% non-condensing

Storage Environment—

Temperature: -20 to 70 deg. C. (-4 to 158 deg.F.)
Humidity: 0% to 99%

Electrical Power (input to charging adapter)—

Domestic: 105-125 Vrms
Overseas: 198-256 Vrms
Frequency: 47-63 Hertz

Power Consumption—

Basic Unit: 20 milli-amps
Wand: 3.5 milli-amps

Battery Life—

Normal Use: 6-8 hours
Recharge time: 3-4 hours (80%); 10-11 (100%)

EMI/RFI Emissions—

Meets FCC Part 15 Class A limits.

Warranty—

Limited one year parts and labor.

Accessories



1. Time Control Badges
2. **PDS-1** Utility Disks
3. DV-1250/06 Power Supply
4. QS-6000+ Scanner
5. WA3800 Scanner
6. CCD-8IT CCD Scanner
7. SL10002 Barcode Reader
8. MR-211 Magstripe Reader
9. WA5100 Wand
10. Null Modem Cable
11. Wand holder
12. HBCS-A300 Wand
13. Carrying Case (see reverse)

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