

Tracking Your Future PDT 8000



PERFORMANCE



PDT 8000 Terminal

Introduction

Digital Scanning Corporation (DSC) was founded in 1993 to provide total solutions in the area of automatic data capture and identification.

With initial focus on 1D and 2D barcode technologies, DSC's latest portable solutions now incorporate RFID (radio frequency identification) tags, labels and smart cards.

The DSC brand of software and hardware products are known for being affordable, of high quality and highly compatible to existing systems.

Software

Based on Microsoft's .NET structure, Trek I.T.I. will help enterprises track and manage items or people accurately and on a real time basis.

The software will have 5 separate modules:

- Inventory Management
- File Tracking
- Asset Tracking
- Labour Tracking
- Tools Tracking

The lite version is made for "stand alone" applications and input will be by keying in and/or via batch processing. The enterprise version is network based & allows for real-time data processing. The software allows input from various data capture technologies such as barcodes, RFID and smartcards.

Basic Specifications:

- Programmable in : Basic, C & Application Generator
- 1MB program memory + 1 MB data memory
- Built-in IR/IrDA port
- 100x64 Graphics LCD with Back Light
- Over 100 working hours
- Ideal for retail & light industrial applications





PDT- 8000

Terminal Specifications

Power

- » Operation battery: Two AAA size Alkaline
- » Backup battery: 3.0V, 7.0mAh, rechargeable Lithium
- » Working hours: Over 100 hours

Dimensions

- » Size: 122mm(L) x 56mm (W) x 26mm (H)
- » Weight: 130g(including batteries)

General Characteristics

- » CPU: 16-bit CMOS, low power consumption
- » Program memory: 1MB flash memory
- » Data memory: 1MB SRAM/2MB optional
- » Display: 100x64 graphic dots FSTN with LED back-lit
- » Keyboard: 21 rubber keys with LED back-light
- » Buzzer: Programmable, 1KHz to 4KHz
- » LED: Dual-color, green and red

Accessories

- » Communication Cradle-R (Serial)
- » Communication Cradle-U (USB)
- » Modem Cradle (56 kbps)
- » Warranty 1 Year

Long Range CCD

- » Resolution: 0.125mm(5mil)~ 0.50mm (20mil)
- » Depth of field: 7cm ~ 26cm
- » Scan rate: 100scans/sec

Laser Scanner

- » Light source: Visible Laser diode operating at 650 ± 15 nm
- » Scan rate 100 ±3 scans/sec
- » Scan angle: 60°±nominal
- » Depth of Field: 4cm ~ 30cm, depend on barcode resolution

Environmental

- » Operating Temperature: -20° to 60° C
- » Storage Temperature: -30° to 70°C
- » Humidity: Non-condensed 5% to 95%

Communication

- » Terminal: IrDA, IR, Acoustic Coupler (8020)
- » Through Cradle: RS232(up to 115.2k bps)
USB (Virtual Com)
Modem (56Kbps)

Programming Language

- » "C", "BASIC", and a Windows-based Application Generator

Acoustic Coupler (8020)

- » Max. Power Consumption: 26mA
(when the speaker is ON)
- » Data rate/format: 1200, O/E/N, 7/8, 1
- » Sound frequency:1.2KHz +/- 5%, 2.2KHz +/- 5%
- » Modulation Type: Bell202/FSK

Modem Cradle

- » Complete data/fax modem solution with Conexant Chipset
- » Data modem: ITU-T V.90, V.34, V.32bis, V.32, V.22 bis, V.22, V.23, V.21, Bell 212A, Bell 103, V.42 LAPM and MNP 2-4 error connection, -V.42 bis and MNP 5 data compression
- » 14.4 kbps Fax modem send/receive:-V.17,V.29, V.27 ter, V.21 channel 2, EIA/TIA 578 Class 1 commands, ITU-T Group 3 compatible fax machines and fax modems
- » Flow control and speed buffering, automatic format/speed sensing, Power consumption DC 5V/200mA (Max.)

Warranty

- » 1 Year

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