

PT930SA

Rugged

Mobile

Computing



Mobile Computing

The PT930SA allows you to collect and process information in the field, where transactions actually happen. The rugged, ergonomic design easily fits into the operator's hand and incorporates a built-in bar code scanner and a 16 button keypad.

User Friendly

With a large, 240 by 320 pixels, touch screen and the familiar interface of Windows® CE operating system, users increase productivity right from the start. And application development is easier than ever.

Versatile

A PCMCIA slot adds extra flexibility, accomodating modem, memory, LAN or 2.4 GHz RF cards and provides connectivity with existing and new infrastructure, enabling users to select the most efficient options.

A built-in IrDA provides printing, file and data transfer between terminals and other devices.

Applications

The PT930SA can streamline your operation and is a powerful solution for warehouse management, courier services, hospitality, retail, inventory control, order taking, and healthcare. Route sales, field service and utility reading also benefit from the PT930SA's versatility.

Features

- Ergonomic palm size device.
- Windows® CE® operating system.
- PC Card (PCMCIA) slot offers a wide range of connectivity options.
- Long battery life.
- Rugged design withstands 4 ft. drops to concrete floor.
- Fast data entry from keypad, stylus and touch screen.
- Built-in bar code scanner.

System

Operating System:	Microsoft Windows CE 3.0
Browser:	IE4.0
CPU:	Intel StrongARM 206MHz
Memory:	FlashROM: 32 MB for OS and applications SDRAM: 32 MB
Buzzer:	piezoelectric buzzer, software controlled.
LED Indicator:	dual color (green/red)

Display

240x320 Monochrome high contrast LCD, EL backlight

Keypad

16 hard keys including 0 to 9, Backspace, Enter, TAB, Dot, ESC, FUNC, and 2 side buttons for scanner trigger

Input Devices

Touch screen, stylus, keypad, full alphanumeric software keyboard and bar code scanner.

Bar code Scanner

Light source:	650±10 nm visible laser diode
Scan rate:	39 ± 3 scans/sec.
Contrast:	25% absolute dark/light reflectance
Scan Angle:	53°nominal
Symbologies:	UPC-A/E, EAN-8/13, Codabar, Code 39, Code 39 full ASCII, Code 93, Code 32, Interleaved & Std. 2 of 5, EAN 128, Code 11, Delta, MSI/Plessey, Code 128, Toshiba.

Resolution

Resolution	Depth of field
5.0 mils	2-5.2"
7.5 mils	1.7-8"
10.0 mils	1.8-10"
15.0 mils	1.9-13"
20.0 mils	*-20"
40.0 mils	*-25"
55.0 mils	*-30"

- Depends on symbol width

Communication

RS232C:	Full duplex asynchronous communication.
Infrared:	IrDA 1.2 (SIR) compliant. Up to 115, 200 baud rate.
PCMCIA:	Type II slot accepts memory, modem, WLAN, and WWAN cards.

Electrical

Sources:	1) 9V DC external adapter, 2A 2) 3 AA-size alkaline batteries @ 1.5V, 1500 mAH 3) Pack of 3 cell Li Ion @ 3.7V, 1500 mAH
Consumption:	Standby: 100 mA Suspend: 5 mA
Battery life:	10 hours at 1 scan every 3 seconds
Charge:	2.5 hours with charging cable 2.5 hours with docking station

Mechanical

Shock:	Withstands multiple 4 ft. (1.2 m) drops to concrete floor
Length:	6.85" (174 mm)
Width:	3.38" (86 mm)
Depth:	1.3"(33 mm)
Weight:	336g with battery pack

Environmental

Operating Temperature:	-5° C to 50° C
Storage Temperature:	-20° C to 70° C
Humidity:	5 to 95% RH non-condensing

Docking Station (PT093)

Interface:	RS232 port
Charging:	Quick charge: 2.5 hours
Power input:	AC adapter: 9V DC @ 2 A

Accessories

Carrying case
Communication / charging cable
Docking station
Vehicle cradle
4 Slot Multibay
Modem card
Memory card
GSM / GPRS card
WLAN card
AC adapter
Li-ion battery pack

Development tool

Microsoft Embedded Visual Tools
Unitech PT930SA SDK

Software

PowerNet TN Client
RFGen

Other model

PT930SA-Gun Grip



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