



*PT900*  
*The*  
*E@terminal in*  
*your business*



PB200002 – 22 June, 2000

## **NEW PRODUCT INTRODUCTION**

### ***open connectivity - ergonomic design - keypad + PCMCIA II + barcode reader - Windows CE technology***

Unitech is proud to announce the PT900 to complement its mobile terminal range. The PT900 is powered by the Microsoft Windows CE operating system, which provides a de-facto standard platform for various software applications. Besides its operating system strength, the PT900 is designed to the concept of open connectivity, easy data exchanging and comfortable handling; crucial features to data acquisition applications.

To ensure the user maximum efficiency and performance the PCMCIA interface design gives you the freedom to choose your preferred technology such as 2,4GHz spread spectrum RF, GSM, Memory card, coming up BlueTooth and many others. In addition to its standard graphic user interface, touch screen and soft-keyboard design supported by Windows CE, the handy 16 hot-keys allows the user to enter their data in a fly when automatic identifying is not applicable. Thanks to its standard embedded Internet browser, the PT900 can link to your favorite website via its wireless communication. This powerful yet very easy-to-use feature merges your ERP-, WMS- and SCM system to your PT900 in a glance without boundaries.

***Product Comparison*** - More about competitive products, Symbol PPT2700, Intermec Norand M602, please refer to Appendix B for the details.

***Order Information*** - Appendix C is the order information and list price of PT900 series. For more product information please contact your account manager at Tel: +31.13.460 9292, Fax:+31.13.460 9293, or e-mail: [unitech\\_europe.@wxs.nl](mailto:unitech_europe.@wxs.nl)

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# PT900

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## General Specification

### Integrated laser bar code scanner

Symbology: UPC-A/E, EAN-8/13, Codabar, Code 39, Full ASCII Code 39, Code 93, I25, S25, EAN 128, CODE 32, DELTA, LABEL,

### LED indicator

Dual colors (green/red) for good read indication

### Interface port

PCMCIA Type II slot for Ethernet , Modem, GSM Modem, and RF PC cards on the back of PT900

### OS : Microsoft WinCE 2.12.

### Keypad

Total 17 hard keys, including 0 ~ 9, BS, ENTER, rock up, rock down, ESC, FUNC.

### Interface port

Infrared communication: Compliant to IrDA 1.2 (SIR). Baud rate up to 115.2K bps.

### Audio output

A piezoelectric buzzer is used as the sound transducer. Software controlled volume.

### Display

- a. 240 x 320 portrait type, 4 gray scale, FSTN with touch panel and EL backlit.
- a. Brightness and contrast adjustable by software hot-key.
- b. Allow using stylus or finger to select icon or alphanumeric characters.

### Interface port

Serial RS232: supports full duplex asynchronous communication. Baud rate up to 115.2K bps.

### Charging

- a. External DC adapter for normal charging
- b. Optional docking station for quick charging





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### **Performance:**

**CPU:** 75 MHz 32 bits MIPS R4000 CPU. Built-in real time clock

### **Memory:**

FLASH ROM: 16MB for OS and downloadable application programs

DRAM: 20MB bytes

### **Physical and Environmental:**

- ☞ Dimensions: 174mm(L) x 86mm(W) x 40mm (H)
- ☞ Weight: approximately 348g with battery pack
- ☞ Temperature: Operation: 0°C to 50°C, Storage: -20°C to 70°C
- ☞ Humidity: 5% to 95% RH non-condensing
- ☞ Drop test: 1.2 meter to concrete for free-drop
- ☞ Environmental Sealing: IP42
- ☞ Electron-Static Discharge (ESD) : 8k Vdc air, 4k Vdc contact
- ☞ CE Class A certificate

### **Power sources:**

External DC adapter (9VDC/2A) or 3 AA-size Alkaline battery @1.5V , 1500 mAH minimum or Pack of 3 celled NiMH @1.2V, 1500 mAH and One rechargeable 3V, 7 mAH lithium-ion battery cell for data backup

### **Power consumption:**

Using NiMH battery pack at 3.87V, Standby mode: 42 mA, Suspend mode: 509 uA

### **Duration of operating with NiMH battery:**

Over 14 hours with one laser scan per 3 seconds

### **Optional Charging/communication docking station (PT019):**

PT019 is an optional docking station used for quick charging and data communication

#### A. Data communication:

One RS232 port (baud rate up to 115.2K bps) for point-to-point communication to host computer

#### B. Battery charging: quick charging for 2.5hours, power input uses AC/DC adapter @ 9VDC/1A

#### C. 3 LEDs for power on, charging, RS232 communication indications, and one Stylus holder

#### D. Designed for desktop, wall mount or vehicle mount placement

