

# PA950

## Color Rugged Mobile



### Rugged & Durable for high Performance

The Unitech PA950 running Microsoft Windows Mobile 2003 for Pocket PC powered by an Intel Xscale 400 MHZ processor offers the best and latest technologies. Other technologies offered by the PA950 include an integrated scanner, backlit keypad, expandability options including different wireless technologies and memory configurations and an IP54 rated sealing against water and dust. Furthermore the PA950 is built to withstand multiple free-drops of 1.2 meter to a concrete floor ensuring a long and damage free operating life.

The Unitech PA950 is designed for mobile workers that require durability and functionality which can not be found in today's typical consumer devices. The Unitech PA950 is a rugged PDA that also proves to be reliable in the harsher of operating environments.

### Versatile Design for Data Collection

The Unitech PA950 offers a variety of expansion possibilities by utilizing two expansion configurations. Firstly a Compact Flash Type II slot which can hold a variety of wireless radios which include 802.11b and Bluetooth. Secondly the Unitech PA950 has a Secure Digital (SD) memory slot that can be used for various sizes of memory expansion.

### VoIP support

VoIP, (Voice over Internet Protocol), gives you the possibility to make phone calls using a computer network such as your Local Area Network or the Internet instead of the traditional, more expensive phone system.

VoIP also allows you to integrate your company's phone handling more closely with your other business data and communications media such as your website.

VoIP has the following advantages:

- Cheaper external calls
- One truly integrated infrastructure
- Reduce operating costs
- Improved productivity
- True mobile office capabilities.
- Helping to empower the mobile worker.

Supporting VOIP makes the PA950 a powerful tool for enterprise mobile workforce and managers.

### User friendly

The combination of the latest technologies with all the necessary features for data collection, built into an ergonomic yet robust PDA makes the PA950 your choice for numerous mobile applications in markets such as route accounting, retail, transportation, field service and many others. The high contrast, backlit touch screen and backlit keypad make sure that at all times you have a clear, sharp view of all data collection activities.

### Main Features

- Powered by Microsoft Windows Mobile 2003 2<sup>nd</sup> edition
- Intel® Xscale™ 400MHz Processor
- Reflective TFT Colour Display provides brilliant & vivid screen
- True Built in Bar Code Scanner for fast & accurate data collection
- 19-key keypad including numeric key, alpha key & function key
- User controllable LCD & Keypad Backlight
- IP54 sealed against rain & dust
- 1.2M free drop to a concrete floor
- Support for VOIP applications

### System

Operating System: Microsoft Windows Mobile 2003 2<sup>nd</sup> edition  
 CPU: Intel® Xscale™ 400Mhz Processor  
 Memory: RAM 64 MB, flashROM 64 MB  
 LED Indicator: dual colour (green/red for good scan and charging status)

### Display

240x320 reflective TFT backlit colour LCD touch screen.  
 Supports 65.000 colours.

### Keypad

19 hard-key backlit numeric keypad with navigation-/ cursor-, ESC-, ENT-, FUNC- and Backspace key. Supports alpha mode. 2 side buttons for scanner trigger.

### Audio

Speaker, Microphone, Earphone jack

### Input Devices

Touch Screen, stylus, keypad, full alphanumeric software keyboard and barcode scanner.

### Barcode 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  
 Symbolologies: 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 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  
 USB: 1.0  
 Infrared: IrDA 1.2 (SIR) compliant. Up to 115,200 baud rate.  
 Both slot accept memory-, modem-, WLAN- & WWAN cards or can be used for installation of i.e. a GPS modem, snap on reader etc.

### Expansion

1 CF Slot (Type II)  
 1 SD memory slot

### Electrical

Source: 1) External Adapter 9V DC/2A  
 2) Rechargeable Li-ion battery pack @ 7.4, 720MAH  
 3) Rechargeable Ni-MH @3V, 30mAH as backup battery  
 Operating time: 8-10 hours depending on application  
 Charging: 2.5 hours with with docking station or charging cable

### Usage & Storage

#### Mechanical

Shock: Withstands multiple 1.2 meter (4ft.) drops to a concrete floor  
 IP rating: IP54, splash water and dust resistant  
 Length / Width / Depth: 185mm / 87.6mm / 25mm  
 Weight: 350g with battery pack

#### Environmental

Operating Temperature: -5°C ~ 50°C  
 Storage Temperature: -20°C ~ 60°C  
 Humidity: 5- to 95% RH non-condensing

### Software & Tools

PA950 SDK (optional)

### Docking Station

interface: RS232, USB  
 Charging: 2.5 hours  
 Power input: AC adapter 9V DC@2A

### Other models

The PA950 is standard delivered in a complete package containing the PA950, USB charging & communication cable, power supply, Li-ION battery pack, manual and Unitech's Software Development Kit

PA950-010AE	No Scanner, Windows Mobile 2003
PA950-910AE	With Scanner, Windows Mobile 2003
PA950-012AE	No Scanner, integrated RF 802.11b, Windows Mobile 2003
PA950-912AE	With Scanner, integrated RF 802.11b, Windows Mobile 2003
PA950-010AU	No Scanner, Windows Mobile 2003
PA950-910AU	With Scanner, Windows Mobile 2003
PA950-012AU	No Scanner, integrated RF 802.11b, Windows Mobile 2003
PA950-912AU	With Scanner, integrated RF 802.11b, Windows Mobile 2003

### Accessories

1400-201002	Spare Li-ION battery pack
5000-600627	Charging/Communication cradle
PA9XX-CAR001	Easy car holder
PA9XX-CAR02CK	Professional vehicle kit
5100-600635	2-slot battery charger
5100-600636	4-slot battery charger
1550-600622	RS232 charging/communication cable
1550-600623	USB charging/communication cable
1550-600626	USB null-modem cable for cradle
1550-600682	RS232 null-modem cable for cradle
381408	Holster



PA950-06V5



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