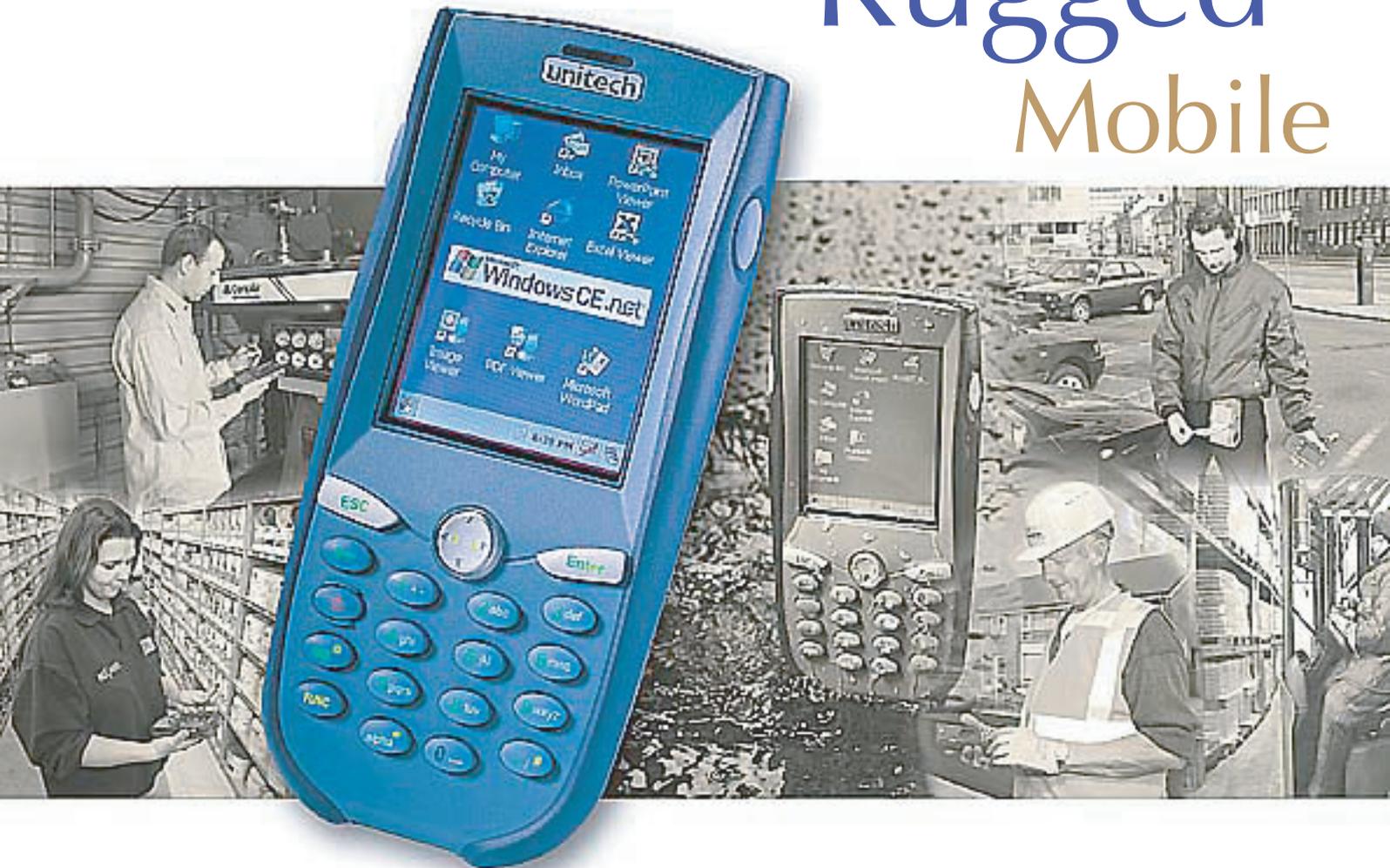# unitech

PA962
Color
Rugged
Mobile

Business productivity and efficiency is the irresistible force driving Enterprise to adopt mobile tools.
The Unitech PA962 was specifically designed to increase your productivity in the warehouse, on the road, or in the field - by dynamically linking data collection and host systems.

Versatile Design for Data Input - Anytime, Anywhere

The PA962 incorporates a built-in scanner for industry standard bar codes, a 19 key keypad, and a touch screen. Data Collection is simple, fast and accurate. Expansion slots for WLAN or WWAN make real world data transaction possible where you really need it - in the field. Working environments are not always perfectly lit, so the PA962 features display and keypad backlight that make anytime, anywhere operation possible. Control the keypad backlight on/off and display backlight brightness for power saving via simple hot keys.

Rugged & Mobile

The rugged PA962 can withstand 1.2 meter (4 foot) bounces off a concrete floor and is sealed to IP54 standards against water and dust. The rugged housing protects the terminal against the harsh working environment often encountered by mobile users. The double-cell battery pack provides long hours of mobile operation, uncompromised productivity, and minimal down time.

Bridging Current and Future Infrastructure

The PA962 comes equipped with both a PCMCIA Type II slot and a CF Type I/Type II slot for WWAN, WWLAN, memory, and many other uses. The PA962's expansion slots easily accommodate future Enterprise technology requirements.

User Friendly

Despite IP54 sealing and the double-cell battery, the PA962's ergonomic design still easily fits the user's hand. Users increase productivity right from the start with minimum training thanks to the PA962's vivid 240 by 320 color display, touch screen, and the familiar Windows operating system.

Main Features

- Microsoft WinCE.NET4.2 Professional Plus.
- Intel Processor 400MHz
- Reflective TFT Color Screen provides brilliant & vivid display
- 19 key keypad includes numeric key, alpha key, and function key
- User controllable LCD and keypad backlight
- User accessible PCMCIA Type II slot & CF Type I/II for expansion
- Double-cell rechargeable Li-Ion battery pack 7.4V 1800mAH
- IP54 sealed against rain & dust
- Survives 1.2M free drop to concrete floor - minimum down time

PA962
Specifications

System
Operating System:	Microsoft WinCE.NET4.2 Professional Plus.
CPU:	Intel Processor 400MHz
Memory:	SDRAM:64MB, FLASH ROM:64MB
Speaker:	A 8Ω Speaker as the sound transducer. Volume controllable by Software
LED Indicator:	dual color (green/red)

Display
240 by 320 Reflective TFT Color LCD, with backlight, with touch screen.

Keypad
19 hard keys including numeric keypad, alpha keypad, ESC, ENT, FUNC, Backspace, and a cursor key.
2 side keys 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 ASCI, Code 93,Code 32, Interleaved & Std. 2 of 5, EAN 128, Code 11, Delta, MSI/Plessey,Code 128, Toshiba.

Resolution / Depth of field
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.
PCMCIA:	Type II slot accepts memory, WLAN, and WWAN cards.
CF:	Type I/II slot accepts memory or WLAN card.

Electrical
Sources:	1) 12V DC external adapter, 2A
	2) Rechargeable Li-Ion battery pack @ 7.4V, 1800mAH
	3) Rechargeable Ni-MH @1.2V, 600mAH as backup battery
Consumption:	Standby: 100mA at 8V
	Suspend: 5 mA
Battery life:	More than 10 hours at 1 scan 1 pass every 5 seconds with LCD backlight enabled
Charge:	3 hours with charging cable or with docking station

Mechanical
Shock:	Withstands multiple 4 ft. (1.2 m) drops to concrete floor
Length:	7.28" (185 mm)
Width:	3.49" (87.6 mm)
Depth:	1.70" (43.3 mm)
Weight:	442g with battery pack

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

Docking Station
Interface:	RS232, USB
Charging:	3 hours
Power input:	AC adapter 12V DC@2A

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 PA962 SDK

Software
CEterm
MCL Client
PowerNet TN Client
RFGen

Unitech America
Los Angeles   Miami   Mexico
http://www.unitech-adc.com   http://latin.unitech-adc.com
e-mail: sales@ute.com   e-mail: info@latin.uniteeh-adc.com

Unitech APAC
Taipei   http://www.unitech-adc.com   e-mail: aidcsales@adc.unitech.com.tw

Unitech Japan
Tokyo   http://www.unitech-japan.co.jp   e-mail: sales@unitech-japan.co.jp

Unitech Europe
Tilburg / NL   Wiltshire / UK
http://www.unitech-europe.nl   e-mail: sales@unitech-europe.nl

Unitech Greater China
Beijeng Suzhou Shanghai Guang Zhon Xiamen Taipei http://www.ute.com.cn
unitech@public.xm.fj.cn   http://adc-utt.unitech.com.tw   barcode@unitech.com.tw

Head Office
http://www.unitech.com.tw   e-mail: aidcsales@adc.unitech.com.tw