

Robust PDA for Extreme Environments



Extreme environments need extreme solutions!

When your business demands that mobile workers perform in harsh environments they need equipment that is as rugged as they are, and the PA982 is as tough as they come. From its crystal clear color touch screen and rugged keypad, both designed for use with or without gloves, to its ability to perform in conditions as low as -22°F and as high as 122°F, the PA982 is the perfect choice for difficult working conditions.

Unconditional service – that won't let you down

Whether it's being used in cold storage, forestry, shipyards, transportation or any other number of industries, the PA982 is a mobile computer your operators can trust to keep working as long as they do. With its internal intelligent heating system, the PA982 can be used in extreme operating temperatures. It also has an impressive IP67 rating, so it is protected against the effects of immersion up to 1 meter, as well as having full dust protection. It can also withstand 1.2 meter drops to concrete.

Permission to roam

The PA982 will keep your mobile workers connected across even the widest operating area, both indoors and outdoors. It comes standard with Bluetooth, and its PCMCIA slot allows easy and on demand integration of technologies such as WLAN or WWAN, or additional memory cards.

Easy to use – whatever the conditions

Whether inside or outside, poor lighting will never again be the cause of errors, delays and frustration in your data collection applications. The PA982 has been designed for use in even the poor lighting conditions. It features a large color touch screen with backlight and stow-away stylus, and a backlit 22-key alpha/numeric keypad with assignable function keys for one-touch operation.

Performance under pressure

The PA982 offers flexible data entry in a variety of stock control and warehousing applications, food retail environments and even frozen food transportation. Its advanced double-cell battery pack supports operation for up to 12 hours, with a short 4 hour recharge cycle. Its ergonomic design ensures maximum user comfort. Operating hours can be extended using the add-on gun grip with integrated second battery, increasing operating time to 18-20 hours.

Available with either a standard or long range integrated laser scanner, the PA982 gives its users the flexibility to scan from close range or from a forklift. Utilize the PCMCIA expansion slot to quickly transform the PA982 into a dual technology laser scanning and RFID tag reading device.

When you're in the business of collecting and processing data in extreme environments, you can rely on the PA982 to be tough enough to keep on working, whatever the conditions.

Main Features

- Microsoft WindowsCE.NET 5.0 Professional Plus
- Intel processor 400MHz
- QVGA backlit color touch screen
- Backlit 22-key keypad
- IP67, rated against dust and liquid immersion
- Operating temperature: -22°F - 122°F (-30° - 50° C)
- Withstands multiple 1.2 meter drops to concrete
- Bluetooth
- PCMCIA Slot for WLAN / WWAN expansion
- Optional gun grip (plus 2nd battery)

► Processing & Memory

Intel Processor 400MHz
64MB SDRAM
64MB Flash ROM

► Operating System

Windows® CE.NET 5.0 Professional Plus

► Keyboard

22-key watertight rubber keys Alpha via mobile phone style "triple tap"
Scan Buttons
Two side located scan trigger buttons
Keypad EL backlight

► Display & Touch Screen

240 x 320 Color LCD
With backlit with touch screen
With display heater

► Optional Gun GripGun

grip handle with scan trigger, with internal Li-Ion battery for extended battery applications.

► Reader

Integrated liner bar code scanner
Long Range(optional)
RFID Reader(optional)

► Barcode Symbologies

Code 39, Interleaved 2 of 5, UPC-A, UPC-E, Code 128, Plessey, EAN-8 and EAN-13, Code 93, Codabar, Maxi Code, QR Code and others not listed here

► LED Indicator

1 Dual color (green/red) LED

► Data Communication

IrDA (SIR)
Bluetooth
USB client & Host
802.11b / g (via expansion slot)
GSM / GPRS (via expansion slot)

► Expansion Slot

PCMCIA Type II slot

► Power Supply & Management

Rechargeable Li-Ion 7.4V @ 2080mAH main battery,
Optional rechargeable Li-Ion 2200mAH gun grip handle battery
Rechargeable Li-Ion backup battery, 3.7V @450mAH.

► Enclosure

Dimension

PA982 Terminal(w/o gun grip)
Length : 221.3mm, Width : 99.5mm, Height : 52.3mm
PA982(with gun grip)
Length : 221.3mm, Width : 99.5mm, Height : 177.5mm

Weight

PA982 Terminal w/o gun grip : 700g
PA982 Terminal with gun grip : 900g

► Environmental

Operating temperature range : -22°F to 122°F (-30°C to 50°C)
Storage temperature range : -22°F to 158°F (-30°C to 70°C)
Charging temperature range : 32°F to 104°F (0°C to 40°C)
Drop specification : 4 feet to concrete
Dust & water protection enclosure rating : IP 67

► Regulatory

CE, FCC, BSMI, VCCI, RoHS compliant

► Accessories

- Desk top cradle w/power jack for terminal charging, USBconnector for ActiveSync to PC, Support Ethernet
- Terminal to PC RS-232 cable for charging & communication
- AC/DC power adapter
- Gun grip handle with internal Li-Ion battery

► Software

- Oracle Database Lite



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