unitech

PA968

Features

- All New Lightweight Aluminum Alloy Design
- Optional Intelligent Modularized Keypads
- Outdoor usage 3.5 inch High Resolution Touch Screen with LED backlight
- WinCE Net 5.0 for customized applications
- Built in GPS systems for global access and positioning
- Supports 3.5G wireless capability (including HSDPA)
- Supports 802.11b/g, (CCX4 certified)
- Supports Bluetooth 2.0 EDR
- Supports linear laser scanner, reads most common barcode symbologies
- IP65 rating drop tested at 5 feet (1.5m) off concrete floor
- 200 Pixel Camera with LED offers clearer images
- 500 dpi Fingerprint Scanner ensures higher security level
- Large battery capacity at 13.69 Watts to ensure long hours operating time
- 320MB FlashROM and 128MB RAM for system and user's data storage the largest memory capacity in its class

Operation System

CPU	Intel PXA270 520MHz
Memory	SDRAM: 128MB
	Flash ROM: 320MB
OS	WinCE.NET5.0

Display

240x320 QVGA, Color Transflective TFT,
with Touch Screen & backlight

Keypad

Modularized keypad	24-Key in default package, including numeric key, alpha key and function key
43 keys keypad is optional	

Input Device

Keypad, Touch Screen, Full Alphanumeric Software Keyboard and Bar Code Scanner Fingerprint scanner(optional) 500DPI / 256 grey scale

Camera	2.0M pixel

Indicator

LEDs, Vibrator

Symbologies

1D Barcode Engine

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

2D Imager (optional)

1D codes	Australian post, British post, Canedian post, Codabar, Code 11, Code 128, Code 39, Code 93, EAN 13, EAN 8, IATA 2 of 5, ITF, ISBT, Japanese-post, Kix code (nl), Korean post, Matrix 2 of 5, MSI, Planet code, Postnet, RSS expanded, RSS limited, RSS 14, UPC A, UPC E, UPC E1
2D codes	Aztec, Codablock F, Code 49, Datamatrix, EAN-UCC, composite, Maxicode, Micro PDF417, PDF 417, QR code, Tcif lonked C39

Communication

USB	1.1 Host & Client
WLAN	IEEE 802.11b/g, (CCX4 certified)
PAN	Bluetooth 2.0 EDR
WWAN	3.5G Five-bands ,GSM/GPRS 850Mhz , 900MhZ , 1800Mhz and 1900Mhz ,UMTS WCDMA/HSDPA 50Mhz,1900Mhz ,2100Mhz / GPRS Edge
GPS	Sirf star III Chip set, Supporting Instant Fix™

Audio

MIC
Speaker
Headset Connector
Receiver

Power Source

Main Battery	13.69 Watts Li-ion battery pack
Backup Battery	One rechargeable Ni-MH backup battery
Operation Hours	Up to 10 hours, depending on configuration and application

Enclosure

Weight	500g
Dimension	Approximately 199.5mm x 88mm x43.3mm (Antenna length excluded)

Environmental

Operating temperature	14°F to 122°F (-10°C to 50°C)
Storage temperature	-4°F to 140°F (-20°C to 60°C)
Relative Humidity	5% ~ 95% (non-condensing)
Drop test to Concrete	1.5 meter
Environmental Sealing	IP65

Software

Microsoft Visual Studio 2005
Microsoft Windows CE 5.0 SDK (from unitech)
Oracle Database Lite
Narigator (US, Canada, Europe area)

Software

Desktop USB Cradle
USB communication and charging cable
AC adaptor (with regional power cord)
Vehicle Cradle
Battery charger
4 slot Multi-Bay Ethernet Cradle

Regulatory Approvals

CE, FCC, BSMI, VCCI, CCC, RoHS compliance

Unitech electronics co., ltd. / www.unitech-adc.com / marketing@tw.ute.com

Global Operation

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