



## AT870N

Warehouse, Pharmaceutical, Parcel Service etc.

### Series Highlights:

- Windows CE 5.0 / Windows Embedded handheld 6.5
- Marvell™ PXA 320 806Mhz
- Memory 512MB RAM / 512MB (1GB Option) ROM
- RFID UHF 900MHz GEN2, ISO/IEC 18000-6C / 18000-6B (Option)
- HF 13.56MHz ISO15693, MIFARE, ISO14443 A/B (Option)
- 1D Laser or 2D Imager Barcode Scanner
- WLAN(IEEE802.11 b/g/a)
- Bluetooth Class II, v2.1 + SPP Only
- Camera with Flash | GPS

# AT870N

Warehouse, Pharmaceutical, Parcel Service etc.



FRONT



BACK



HF BARCODE READER



UHF GUN READER

## ACCESSORIES



Adaptor AC Cable



Protection Film



Handstrap



Cradle



GUN Handle



USB Cable

## SPECIFICATION

### Performance Characteristics

Processor	Marvell™ PXA 320 806MHz
Operating System	Windows CE 5.0 / Windows Embedded handheld 6.5
Memory	512MB RAM / 512MB (1GB*) ROM
Display	3.5" QVGA with Backlight, TFT LCD, 240x320 Pixel, 262, 144 Color (VGA*)
Weight	250g (PDA only, without battery)
Operating Temp.	-20 °C ~ 60 °C
Storage Temp.	-30 °C ~ 70 °C
Humidity	95% non-condensing
Drop Spec.	1.5M Drop to concrete
Dust & Water Proof	IP65

### Physical Characteristics

Audio	Phone Receiver, Speaker, Ear Jack, Microphone
Standard I/O Port	USB 1.1 Client / USB Host & Serial (RS-232) via gender cable or Cradle
Expansion Slot	1Micro SD Slot (SDHC), 1SIM Slot
Notification	Vibrator and LED, Speaker
Dimensions(L x W x H)	148 x 76 x 25.2 (30.5)mm

### Battery Supply

Main Battery	Lithium-Ion Polymer 3.7V 2,960mAh (Rechargeable) Up to 4,400mAh*
Backup Battery	Lithium-Ion Polymer 3.7V 80mAh (Rechargeable)
Power Adapter	Input AC110V ~ 240V / Output DC 5V 3A

### Network Characteristics

WLAN	IEEE 802.11 b/g/a Compliant
Bluetooth	Class II, v2.1 + SPP Only
Radio	MODEM 3G (GSM / GPRS / HSDPA / HSPA+)
GPS	Internal Antenna

### Data Capture Device

Barcode Engine	1D Laser or 2D Imager Barcode Scanner
Camera	3.0 Mega Pixel Auto Focus with Flash

### UHF 900 Mhz Reader/Writer

Frequency	860MHz~960MHz
Reading range	0M ~ 7M (According to Tag & Environment)
Writing range	0M ~ 3M (According to Tag & Environment)
RF output	1W EIRP
Protocol	GEN2, ISO/IEC 18000-6C, 18000-6B*
Special function	Anti-Collision

### HF 13.56Mhz Reader/Writer

Applied RFID Tag	ISO15693, MIFARE, ISO14443 A/B*
Reading range	Based On Tag : 0 ~ 10Cm (Internal or External)

### Cradle

Standard Interface	USB 1.1 Host / USB Client / DC Power Jack / Extra Battery Charger / Serial (RS232) via gender cable
Ethernet Interface	RJ-45 Ethernet Interface*

### Accessories\*

Gun Handle Grip (Pistol Grip)	Body, UHF /HF Available
Gun Handle Battery	Lithium-Ion 3.7V 4,400mAh (Rechargeable)*



\* All Features and specifications described are subject to change without notice.