



***Providing various
communication functions
with long range UHF
Internationally well
recognized
best seller product***



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 ROM
- RFID UHF 900MHz GEN2, ISO/IEC 18000-6C
- HF 13.56MHz ISO15693, MIFARE, ISO14443 A/B (Option)
- 1D Laser or 2D Imager Barcode Scanner
- WLAN(IEEE802.11 a/b/g/n Option)
- Bluetooth Class II, v2.0 + SPP Only
- Camera with Flash | GPS

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| www.youtube.com/user/ATIDKorea

AT870N Specification Chart

PERFORMANCE CHARACTERISTICS

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

PHYSICAL CHARACTERISTICS

Audio	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 26 (30.5)mm

BATTERY SUPPLY

Main Battery	Lithium Polymer 3.7V 2,960mAh (Rechargeable)
Backup Battery	Lithium Polymer 3.7V 80mAh (Rechargeable)
Power Adapter	Input AC110V ~ 240V / Output DC 5V 3A

NETWORK CHARACTERISTICS

WLAN	IEEE 802.11 a/b/g/n* Compliant
Bluetooth	Bluetooth Class II, v2.0 + SPP Only
Radio	MODEM 3G (GSM / GPRS / EDGE / WCDMA / HSPA+)
GPS	Internal Antenna (GPS + Glonas*)

DATA CAPTURE & DATA PROCESSING DEVICE

Barcode Engine	1D Laser or 2D Imager Barcode Scanner
Printer	None
Camera	3.0 Mega Pixel Auto Focus with Flash
Sensor	None
Magnetic Card Reader	None
Smart Card Reader	None
Finger Print	None



UHF 900MHZ RFID READER/WRITER

Frequency	CE 865MHz ~ 868MHz
	FCC 902MHz ~ 928MHz
Reading range	0M ~ 5M (According to Tag & Environment)
Writing range	0M ~ 0.5M (According to Tag & Environment)
RF output	1W (MAX)
Protocol	GEN2, ISO/IEC 18000-6C
Special function	Anti-Collision

HF 13.56MHZ RFID READER/WRITER

Applied RFID Tag	ISO15693, MIFARE, ISO14443 A/B*
Reading range	According to Tag : 0Cm ~ 5Cm (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 5,200mAh (Rechargeable)*

ACCESSORIES**Adapter
AC Cable****Protection
Film****USB Cable****Handstrap****OPTION****GUN Handle****Cradle**

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