



AT870N

SERIES HIGHLIGHTS

Windows CE 5.0 / Windows Embedded handheld 6.5
 Marvell™ PXA 320 833Mhz
 Memory 512MB RAM / 512MB (1GB Option) ROM
 RFID UHF 960MHz EPC Class I GEN2, ISO/IEC 18000-6C/18000-6B (Option)
 HF 13.56 MHz ISO15693, MIFARE, ISO14443 A/B (Option)
 1D Laser or 2D Imager Barcode Scanner
 WLAN (IEEE802.11 b/g/n)
 Bluetooth Class II, v2.1 + SPP Only
 Camera with Flash | GPS

PERFORMANCE CHARACTERISTICS

Processor	Marvell™ PXA 320 833 MHz
Operating System	Windows CE 5.0 / Windows Embedded handheld 6.5
Memory	512MB RAM / 512MB (1GB*) ROM / 32 GB Memory Card
Display	3.5" QVGA with Backlight, TFT LCD, 480X640 Pixel, 262, 144 Color (VGA*)
Weight	305g (with 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



FRONT



BACK



HF BARCODE READER



HF GUN READER

ACCESSORIES



Adaptor
AC Cable

Protection
Film

Handstrap

Cradle

GUN Handle

USB Cable

PHYSICAL CHARACTERISTICS

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

BATTERY SUPPLY

Main Battery	Lithium-Ion Polymer 3.7V 3300mAh (Rechargeable) Up to 4, 400mAh*
Backup Battery	Lithium-Ion Polymer 3.7V 3300mAh (Rechargeable)
Power Adapter	Input AC110V ~ 240V / Output DC 5V 3A

NETWORK CHARACTERISTICS

WLAN	IEEE 802.11 b/g/n Compliant
Support Protocol for WLAN	WEP, WPA, WPA2, TKIP, AES, EAP-FAST, EAP-TLS, EAP-TTLS, PEAP-GTC, PEAP-TLS, PEAP-MSCHAPv2, LEAP, CCXv4
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	3.2 Mega Pixel Auto Focus with Flash

UHF 960 MHZ READER/WRIER

Frequency	860 MHz ~ 960 MHz
Reading Range	0 M ~ 7 M (According to Tag & Environment)
Writing Range	0 M ~ 3 M (According to Tag & Environment)
RF Output	1W EIRP (Adjustable)
Protocol	EPC Class I GEN2, ISO/IEC 18000-6C, 18000-6B*
Special Function	Anti-Collision
Industrial Protection	IP54

HF 13.56MHZ READER/WRIER

Applied RFID Tag	ISO15693, MIFARE, ISO14443 A/B*
Reading Range	Based on Tag: 0 ~ 10 cm (Internal or External)

CRADLE

Standard Interface	USB 1.1 Type C / USB Client / DC Power Jack / Led Display / 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 5200mAh (Rechargeable)*
Common Accessories	Cradle, Stylus Pen, LCD Protect Film, USB Cable, Hand Strap

SERTIFICIATIONS CE, FCC, UL, MIL-STD 810G

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