



AB700 UHF

Airport, Construction field's checking goods

Series Highlights:

- Windows CE 5.0 / Windows Embedded handheld 6.5
- Marvell™ PXA 320 806Mhz
- Memory RAM 256MB / ROM 256MB(Max. 512MB Option)
- RFID UHF 900MHz GEN2, ISO/IEC 18000-6C, 18000-6B (Option)
- HF ISO15693, MIFARE, ISO14443A/B
- 1D Laser and 2D Imager Barcode Scanner
- WLAN(IEEE802.11 a/b/g) | GSM/GPRS, CDMA/HSDPA
- Bluetooth Class II, v2.1 + EDR
- Camera with Flash | GPS | SAM Slot

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ACCESSORIES



Adaptor
AC Cable



Protection
Film



Handstrap



Cradle



GUN Handle



USB Cable

SPECIFICATION

Performance Characteristics

Processor	Marvell™ PXA320 806MHz
Operating System	Windows CE 5.0 / Windows Embedded handheld 6.5
Memory	RAM 256MB / ROM 256MB (Max.512MB Option)
Display	3.5" QVGA with Backlight,TFT LCD, 240×320 Pixel, 262, 144 Color Stylus Touch Screen Interface
Weight	280g
Operating Temp.	-10 to 50℃
Storage Temp.	-30℃ to 60℃
Humidity	95% non-condensing
Drop Spec.	1.5M.Drop to concrete
Dust & Water Proof	IP65

Physical Characteristics

Audio	Phone Receiver, Mono Speaker, Ear Jack
Port	Serial Port(RS-232C) / USB 1.1 Host & Client Port
Expansion Slot	1 Micro SD Slot(SDHC support) / 1 SIM Slot / 1 SAM Slot
Notification	Vibrator and LED
Dimensions	172.2mm(L) x 88.8mm(W) x 37.8mm(H)

Battery Supply

Main Battery	Lithium-ion 3.7V / 3,000mAh (Rechargeable)
Backup Battery	Up to 2,200mAh, 4,400mAh (Option)
Power Adapter	Input AC100V~240V / Output DC5V 3A

Network Characteristics

WLAN	WLAN(802.11 a/b/g compliant)
Bluetooth	Class II, v2.1+EDR
Radio	GSM/GPRS, HSDPA
GPS	GPS with Internal Antenna

Data Capture Device

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

UHF 900 Mhz Reader

Frequency	860MHz ~ 960MHz (Small / Big - Gun Type size)
Reading range	1m ~ 7m (According to Tag & Environment)
Writing range	1m ~3m
RF output	1W EIRP
Protocol	EPC Gen2, ISO/IEC 18000-6C, 18000-6B (Option)
Special function	Anti- Collision

HF 13.56Mhz Reader

Applied RFID Tag	ISO 15693 Standard , Mifare,ISO 14443 Type A/B
Reading range	Based on ISO Card(0~8.5Cm), Mifare (0~3.5Cm)

Gun Handle

Standard Interface	Gun Handle Trigger
Ethernet RF45J Interface	
RS-232C Interface	Lithium -ion 3.7V 4,400mAH(Rechargeable)

Cradle

PDA or UHF or HF (Gun Handle)	USB 1.1 Client(I/O port 20pin) & host DC power input jack
Gun Handle Battery	Ethernet RJ-45 (Option) RS-232C Interface

