

AT880



Windows CE 5.0 / Windows Embedded handheld 6.5



3.7V 2,970mAh battery



512MB RAM / 512MB ROM



IP65
30°C ~+70°C
5% RH ~95°RH non condensing
Multiple 1.5m



RFID UHF & HF

V1.0
Non-contractual datasheet

Physical specifications

Operating System	Windows CE 5.0 / Windows Embedded handheld 6.5
Processor	Marvell™ PXA 320 806MHz
Memory	512MB RAM / 512MB ROM
Dimensions	79 (W) x 159 (L) x 27.7 (35.2) (H) mm
Weight	280g (PDA only, without battery)
Display	3.5" QVGA with Backlight, TFT LCD, 240×320Pixel, 262K Color
Battery	3.7V 2,970mAh Lithium Polymer battery (Rechargeable) 3.7V 80mAh Lithium Polymer backup battery (Rechargeable) Input AC100V ~ 240V / Output DC 5V 3A Power Adapter
I/O Ports	USB 1.1 Client / USB Host & Serial (RS-232) via gender cable or Cradle
Keys	1Micro SD Slot (SDHC), 1SIM Slot, 1 SAM Slot
Camera	3Mp. Auto Focus with Flash
Audio	Phone Receiver, Speaker, Ear Jack, Microphone

Wireless communication

Wifi	802.11 a / b / g / n Option
Bluetooth	Bluetooth Class II, v2.1 + EDR
3G / 4G	MODEM 3G (GSM / GPRS / EDGE / WCDMA / HSPA+)
GPS	Internal Antenna (GPS + Glonass Option)

User Environment

Operating temperature	-20°C to +60°C
Storage temperature	-30°C to +70°C
Humidity	95% relative humidity not condensation
Protection grade	IP65 Drop Specification Multiple 1.5m/4.9ft drops (at least 20 times) to the concrete across the operating temperature range
Certification	CE, FCC, CCC, IC

Data collection

RFID

RFID Ultra High Frequency	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
RFID High Frequency	Applied RFID Tag : ISO15693, MIFARE, ISO14443 A / B (Option) Reading range : According to Tag 0Cm ~ 5Cm (Internal or External)

Barcode 1D/2D

Barcode Scanner	1D or 2D barcode Scanner
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Additional features

Notification	Vibrator and LED, Speaker
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 (Option)

Accessories (option)

Included



Hand strap



Adapter AC cable



Protection film



Stylus pen

Optional

Gun Handle Grip (Pistol Grip)	Body, UHF / HF Available
Gun Handle Battery	Lithium-Ion 3.7V 5,200mAh (Rechargeable) Option



Cradle



Gun handle