

# XPressAT870 Mobile Handheld Reader

## Rugged Compact Computer Designed to Read Anything!

### Performance Characteristics

Processor	Marvell™ PXA 320 806MHz
Operating System	Windows CE 5.0 / Windows Embedded handheld 6.5
Memory	512MB RAM / 512MB ROM
Drop Spec.	1.5M Drop to concrete
Barcode Engine	1D Laser or 2D Imager Barcode Scanner
Camera	3.0 Mega Pixel Auto Focus with Flash
Battery Supply	Main battery – Lithium-Ion Polymer 3.7V 2960mAh (Rechargeable) Backup battery – Lithium-Ion Polymer 3.7V 80mAh (Rechargeable) Gun Handle battery – Lithium-Ion Polymer 3.7V 4400mAh (Rechargeable) Power Adapter – Input AC110V ~240V / Output DC 5V 3A



PDA with Gun Handle and Front Facing RFID Reader

### Physical Characteristics

Dimensions (L x W x H)	5.8" x 2.9" x 1"
Display	3.5" QVGA with Backlight, TFT LCD, 240x320 Pixel, 262, 144 Color
Weight	250g (PDA only, without battery)
Storage Temperature	-22° F to +158° F without battery
Humidity	95% non-condensing
Audio	Phone Receiver, Speaker, Ear Jack, Microphone
Expansion Slot	1Micro SD Slot (SDHC), 1SIM Slot
Dust & Water Proof	IP65
Notification	Vibrator and LED Speaker



PDA with backpack RFID Reader

### Network Characteristics

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

### RFID Module Support

Radio Frequency & Tag Support	<b>HF (13.56MHz)</b> : ISO 14443A/B / ISO 15693 / HID iClass Legacy / HID iClassSE / HID SEOS / Mifare / PIV / Felica / Legic <b>UHF (902-928MHZ, 865.6-867.6MHz)</b> : EPC C1G2, ISO18000-6C <b>LF (125kHz)</b> : HID Prox/ Indala / EM / CasiRusco / Pyramid
Read Range	HH/LF : 1-4 inches depending upon tag UHF: Up to 30 feet, depending on tag
Form Factor	Front Facing: LF / HF / UHF Backpack: LF / HF



PDA with Cradle

### Cradle

Standard Interface	USB 1.1 Host / USB Client / DS Power Jack / Extra Battery Charger
Ethernet Interface	RJ-45 Ethernet Interface (optional)



9123 Chesapeake Drive  
San Diego, CA 92123  
858-627-9700 | sales@telaeris.com  
www.telaeris.com