

INVENGO

XC-AT870A

RAIN RFID / HF READER



About Invengo's XC-AT870A Android Handheld Reader

The new XC-AT870A RFID Android handheld reader is a powerful 1.0GHz Dual-Core device and excellent RFID reading capabilities. With RAIN RFID (UHF) or HF, 1D or 2D barcode capabilities, WLAN, Bluetooth, 3G modem, Camera and GPS, it is ideally suited to address multiple applications and markets.



Invengo – the global RFID technology provider – is a leading developer and manufacturer of high quality, intelligent RAIN RFID (UHF) and HF/NFC connectivity solutions and consumables (tags & inlays) utilized in the Internet of Things. With a focus on RFID innovation, Invengo has created a leading product line in retail, (industrial) laundry, library, (public) transportation, healthcare and many other industries.

Invengo Technology Pte. Ltd. (SG) is the International Headquarters of Invengo Information Technology Co. Ltd, listed on Shenzhen Stock Exchange (SZSE: 002161.SZ). Employing over 600 people globally, Invengo is one of the largest publicly traded, RFID oriented companies in the world.

Features

- Android 4.2
- Dual-Core 1.0GHz processor
- RAIN RFID (UHF) or HF capable
- WLAN, Bluetooth, Camera, GPS, 1D and 2D scanner
- 3G modem options
- IP65

All features and specifications described are subject to change without notice.

Product Specifications

Performance

Processor	Dual-Core 1.0GHz
Operating System	Android 4.2 (Jelly bean)
Memory	1GB RAM / 8GB ROM
Display	3.5" VGA with Backlight, TFT LCD, 480x640Pixel, 262K Color
Weight	250g (PDA only, without battery)
Operating Temp.	-10°C to 60°C (14°F to 140°F)
Storage Temp.	-30°C to 70°C (-22°F to 158°F)
Charging Temp.	-0°C to 45°C (113°F to °F)
Humidity	5% to 95% non-condensing
Drop Spec.	1.5M Drop to concrete
Dust & Water Proof	IP65

Physical

Audio	Speaker, Ear Jack, Microphone
Standard I/O Port	USB 2.0 high speed host/client & serial (RS-232) via gender cable or Cradle
Expansion Slot	User accessible Micro SDHC card slot (up to 32GB)
Notification	LED, Vibrator and Mono speaker
Dimensions (L x W x H)	148 x 76 x 26 (30,5) mm 5.83 x 2.99 x 1.02 (1.20) in

Battery Supply

Main Battery	Lithium Polymer 3.7V 2,960mAh (Rechargeable)
Power Adapter	Input AC100V ~ 240V / Output DC 5V 3A

Data Capture Device

Barcode Engine	1D Laser or 2D Imager Scanner
Camera	5.0 Mega Pixel Auto Focus with Flash
Sensor	3D Digital Linear Acceleration Sensor and 3D Digital Magnetic Sensor

Network Characteristics

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

UHF Reader/Writer

Frequency	CE 865MHz - 868MHz FCC 902MHz - 928MHz
Reading range	0 to 5 m (0 to 236.22 in)
Writing range	0 to 0,5 m (0 to 19.68 in)
RF output	1W (MAX)
Protocol	EPC Gen2(ISO 18000-6C)
Special function	Anti-Collision

HF Reader/Writer

Applied RFID Tag	NFC (MIFARE, ISO15693), MIFARE, ISO/IEC14443 A/B (Option)
Reading range	Based on Tag : 0-5 cm (Internal or External)

Cradle

Standard Interface	USB 2.0 Host / USB Client / DC Power Jack / Extra Battery Charger / Serial (RS232) via gender cable
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Accessories

Gun Handle Grip (Pistol Grip)	Body, UHF / HF Available
Gun Handle Battery	Lithium-Ion 3.7V 5,200mAh (Rechargeable) Option
Standard Accesoiries	USB cable, Adapter AC cradle, Handstrap, Protection film
Optional	Cradle, Gun handle

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