Invengo

INVENGO XC-AT188

UHF, HF RFID READER

FC CE EPCglobal

About Invengo's XC-AT188 ultra-compact handheld Reader

Invengo's XC-AT188 is an ultra-compact RAIN RFID (UHF) or HF handheld reader. Featured with various operating systems, Bluetooth, USB and 1D laser or 2D image scanner, this compressed yet solid handheld is a dust and water resistant reader suitable for library, logistics and military tracking applications.

RAIN RFID

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

- 1D or 2D Barcode Scanner
- UHF/HF RFID Reader
- Bluetooth & USB
- Windows, Android, iOS (option) Support

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

Product Specifications

Performance

Processor	ARM7 Core
Operating System	Windows, Android, iOS (BLE Only)
Memory	128 Kbyte
Display	LCD & LED Indicator
Weight	160 g (with Battery & UHF Option)
Operating Temp.	-20 ˚C to 60 ˚C (-4 ˚F to 140 ˚F)
Storage Temp.	-30 ˚C to 70 ˚C (-22 ˚F to 158 ˚F)
Humidity	95% non-condensing
Drop Spec.	1.2 M Drop to concrete
Dust & Water Proof	IP54

Physical

Audio	Buzzer
Standard I/O Port	Bluetooth 3.0 or BLE, Micro USB
Notification	LED, Buzzer, LCD, vibrator
Dimensions (L x W x H)	115 x 50 x 35 mm (4.527 x 1.968 x 1.377 in)

Battery Supply

Main Battery	1,100 mAH Li-Ion Rechargeable Battery
Power Adapter	Via USB or optional Battery Charger

Network Characteristics

Bluetooth	Bluetooth 3.0 HID/SPP (BLE Option)
USB	USB 1.1 SPP/HID

Barcode Data Processing

Device

Barcode Engine	1D Laser or 2D Image Scanner

UHF RFID Reader/Writer

Chips set	Impinj R500
Frequency	860 to 960 Mhz (Support Global Frequency)
Reading range	0 m to 1 m (0 to 39.370 in) (According to Tag & Environment)
Writing range	0 m to 0.5 m (0 to 19.685 in) (According to Tag & Environment)
RF output	26 dBm, Circular (Max) Internal Antenna
Protocol	EPCglobal C1 Gen 2, ISO/IEC18000-63

HF Reader/Writer (Option)

Frequency	13.56 Mhz
Reading/Write Range	0 cm to 5 cm (0 to 0.196 in) (According to Tag & Environment)
Protocol	ISO 15693, MIFARE, ISO 14443A/B & etc

Accessories

Standard Accesoiries	Neck strap, USB Cable
Optional Accesoiries	AC-DC Adapter, Battery Charger

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