

INVENGO XC-AT188 RAIN 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) 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.



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

- ARM7 Core
- Memory 64KB RAM / 256KB ROM / Ext. 8Mb
- 1D or 2D Barcode Scanner
- RAIN RFID Reader
- Bluetooth Class 4.1 Classic (HID/SPP)
- Windows and Android Support

All features and specifications described are subject

Product Specifications

Performance

Processor	ARM7 Core
Operating System	Windows, Android
Memory	64KB RAM/256KB ROM/Ext 8 Mb
Display	LCD & LED Indicator
Weight	160 g (with Battery & UHF Option)
Operating Temp.	-10°C to 45°C (14°F to 113°F)
Storage Temp.	-30°C to 70°C (-22°F to 158°F)
Humidity	5% to 95%, non-condensing
Drop Spec.	1.2 m drop to concrete
Dust & Water Proof	IP65

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	4.1 Classic (HID/SPP)
USB	USB 1.1

Barcode Data Processing

Device

Barcode Engine	1D Laser or 2D Image Scanner
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RAIN RFID Reader/Writer

Chips set	Impinj R500
Frequency	865 to 928 Mhz (CE & FCC)
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 C 1 Gen 2, ISO/IEC18000-6C

Accessories

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



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