

INVENGO XC-ATS100 RAIN RFID SLED READER



About Invengo's XC-ATS100 RAIN RFID Handheld Sled Reader

The new Invengo XC-ATS100 RAIN RFID (UHF) Sled reader is a powerful RFID reader with rugged yet ergonomic design. With capability to connect to your Smartphone or Tablet and offering a 1D or 2D Imager option it is ideally suited to address multiple applications and various vertical markets.



Invengo – the global RFID technology provider – is a leading developer and manufacturer of high quality, intelligent RAIN RFID 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 / IoT oriented companies in the world.

Features

- ARM7 Core Processor
- Onboard 8Mb Flash memory
- RAIN RFID (UHF) Reader
- 1D or 2D Imager Barcode Scanner
- Bluetooth 4.1 Classic (HID/SPP), BLE (Option)
- IP65

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

Product Specifications

Performance

Processor	ARM7 Core
Memory	256KB ROM, Ext.8Mb Flash memory

Environmental

Operating Temp.	-10°C to 40°C (14°F to 104°F)
Storage Temp.	-40°C to 70°C (-40°F to 158°F)
Charging Temp.	0°C to 45°C (-32°F to 133°F)
Humidity	5% to 85% non-condensing
Drop Spec.	1.2M Drop to concrete
Dust & Water Proof	IP65

Physical

Audio	Buzzer
Standard I/O Port	Any USB host with VCP driver support (Windows, Linux, Android)
Notification	LED x 3, Buzzer, Vibrator
Dimensions (L x W x H)	146 x 173,7 x 70,1 mm (5.748 x 6.838 x 2.759 in)
Weight	420g (14.82oz) (with battery)

Power Options

Main Battery	3.7V 5,200mAh 19.24Wh Li-Ion battery Input DC 5V 2A
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Communication Interface

Bluetooth	Class 4.1 Classic (HID/SPP), BLE (Option)
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Data Capture Device

Barcode Engine	1D or 2D Imager Barcode Scanner
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Cradle

Standard Interface	TBD
Ethernet Interface	TBD

RAIN RFID (UHF)

Frequency	US: 902-928MHz EU: 865-868MHz Japan: 916-921MHz (1w LBT) 916-923MHz (0.25w LBT)
Reading range	0M to 5M (According to Tag & Environment)
Writing range	0M to 0.5M (According to Tag & Environment)
RF output	1W (MAX)
Protocol	GEN2, ISO/IEC 18000-6C
Special function	Anti-Collision

Gun Handle (optional)

Gun Handle Grip (Pistol Grip)	Body, UHF Available
Gun Handle Battery	Lithium-Ion 3.7V 5,200mAh (Rechargeable)
Mount Type	Support Quad Lock®

Accessories

Standard	USB Type-C Cable, Handstrap, GUN Handle
Optional	GUN charging, Quad lock, Cradle

Markets

- Retail
- Healthcare
- Entertainment
- Logistics



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