

# 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

<b>Processor</b>	ARM7 Core
<b>Memory</b>	256KB ROM, Ext.8Mb Flash memory

## Environmental

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

## Physical

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

## Power Options

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

<b>Bluetooth</b>	Class 4.1 Classic (HID/SPP), BLE (Option)
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## Data Capture Device

<b>Barcode Engine</b>	1D or 2D Imager Barcode Scanner
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## Cradle

<b>Standard Interface</b>	TBD
<b>Ethernet Interface</b>	TBD

## RAIN RFID (UHF)

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

## Gun Handle (optional)

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

## Accessories

<b>Standard</b>	USB Type-C Cable, Handstrap, GUN Handle
<b>Optional</b>	GUN charging, Quad lock, Cradle

## Markets

- Retail
- Healthcare
- Entertainment
- Logistics



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