

# INVENGO XC-RF812 RAIN RFID READER



## About Invengo's XC-RF812 Desktop RAIN RFID Reader

The Invengo XC-RF812 reader is a compact integrated RFID (UHF) reader that delivers excellent performance at incredible value. With an built-in antenna, the XC-RF812 it is a perfect solution for single read environments including Retail Checkout, Healthcare inventory control, desktop commissioning, access control. The XC-RF812 is a great tool for improving operational efficiency in a wide variety of applications.



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

- Sleek and lightweight design
- Automatic encoding functionality
- Near-field antenna (to minimize mis-reads)
- Tag filtering supported
- TCP/IP and RS-232

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

# Product Specifications

## Physical parameters

<b>Dimensions ( L x W x H)</b>	170 x 122,5 x 30,5 mm (5.1 x 3.7 x 0.9 in)
<b>Weight</b>	500 g (1.1 lbs)
<b>Case Material</b>	Plastic

## Environmental

<b>Operating Temperature</b>	-20°C to 60°C/ -4°F to 140°F (Power adapter is 0°C to 40°C/ 32°F to 104°F )
<b>Storage Temperature</b>	-30°C to 70°C/ -22°F to 158°F
<b>Humidity range</b>	5% to 95%, no condensation

## RFID

<b>Protocols Supported</b>	EPCglobal C1 Gen 2, ISO18000-63
<b>Operating Frequency</b>	902 MHz to 928 MHz, frequency spacing 500 kHz

## Environmental

<b>Power</b>	9 dBm to 24 dBm, stepping at 3 dBm
<b>ISO18000-63 Tag Memory</b>	EPC: 496 bits
<b>Size Supported</b>	TID: 112 bits User Memory: 64 kB
<b>ISO18000-62 Tag Memory</b>	User Memory: 1728 bits (216 bytes)
<b>Size Supported</b>	



## APAC

**Invengo Technology Pte. Ltd**  
10 Kallang Avenue  
#05-15 Tower 2, Aperia  
Singapore 339510

Office: +65 6702 3909  
sales.apac@invengo.com

## Americas

**Invengo Technology Corp.**  
2700-160 Sumner Blvd.  
Raleigh, NC 27616  
United States of America

Office: +1 919 890 0202  
sales.americas@invengo.com

## EMEA

**Invengo Technologies**  
180 Voie Ariane – Athélie 1  
13600 La Ciotat  
France

Office: +33 413 96 1111  
sales.emea@invengo.com