Invengo

INVENGO XC–RF812
RAIN RFID READER

FC   CE   RoHS
2002/95/EC

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.

RAIN RFID

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

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

Environmental

Operating Temperature	-20ºC to 60ºC / -4ºF to 140ºF
	(Power adapter is 0ºC to 40ºC/
	32ºF to 104ºF)
Storage Temperature	-30ºC to 70ºC / -22ºF to 158ºF
Humidity range	5% to 95%, no condensation

RFID

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

Environmental

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