

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 (UHF) and NFC (HF) inlays, tags and connectivity solutions utilized in the Internet of Things (IoT). With a focus on RFID innovation, Invengo has created a leading product line in retail, library, (industrial) laundry, pharmaceutical, healthcare, (public) transportation 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

- 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 -20°C to 60°C / -4°F to 140°F
(Power adapter is 0°C to 40°C /
32°F to 104°F)

Storage Temperature -30°C to 70°C / -22°F to 158°F

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 EPC: 496 bits

Size Supported TID: 112 bits

User Memory: 64 kB

ISO18000-62 Tag Memory User Memory: 1728 bits (216 bytes)

Size Supported



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