

INVENGO XC-RF807 RAIN RFID READER



About Invengo's XC-RF807 Fixed Reader

Invengo's XC-RF807 RAIN RFID (UHF) fixed reader is a high performance, wide band device supporting the ISO 18000-63 and ISO 18000-61 specifications (EPCglobal Class 1 Gen 2 protocol). The Dual CPU design, coupled with a Linux operating system, handles the most complex business requirements of our customers. Great reading performance, rugged design, and optional Power over Ethernet combine to make this a solid solution.



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

- Four RP-TNC RF Antenna Ports
- Excellent multi-tag reading performance
- TCP/IP and RS-232 Communication
- GPIO Capability
- API: Java, .NET, C++
- PoE: IEEE 802.3at
- IP 54 Protection

Product Specifications

Physical Parameters

Dimensions	360 mm x 220 mm x 39 mm (14.17 in x 8.66 in x 1.54 in)
Weight	2.5 kg (5.5 lb)
Case Material	Aluminum Alloy

Environmental

Operating Temperature	-20°C to 70°C (-4°F to 158°F)
Storage Temperature	Power adaptor -0°C to 40°C (32°F to 104°F)
Humidity Range	-30°C to 75°C (-22°F to 167°F) 5% to 95%, non-condensing

Power Source

Adapter (not included)	AC Input 100-240V, 50-60Hz; DC Output 24V±5%/2.5A
DC Power Supply	24V-30V (24V/2.5A recommended)
Power over Ethernet	IEEE802.3at
Power Consumption	5W to 24W

UHF RFID

Supported Protocols	EPC Global UHF Class 1 Gen2, ISO 18000-61 & 18000-63
Frequency	840 to 960 MHz (Support Global Frequency)

Communication Interface

RS-232	Default baud rate 115200kps, 8 data bits, no parity, 1 stop bit, no flow control
RJ45	Default IP 192.168.0.210

Performance Parameter

GPIO	4 Photoelectric Isolation Input (5 V, <20 mA); 4 Relay Control
Tag Data Rate	(Relevant to Configurations)
RF Output Power	40 kbps to 400 kbps 11 dBm to 33 dBm (step of 1 dBm)

Product Certification

CMIIT ID	2012DP2304
FCC ID	TQ4XC-RF807
CE ID	ES120229146E

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