Invengo RFID Reader

XCRF-860 (Enhanced Edition)

Unprecedented capabilities & Cost Effectiveness

Invengo's XCRF-860 RFID Reader delivers maximum functionality for large-scale RFID deployments.

Microsoft Windows® CE direct hosting, Intel UHF RFID Transceiver R1000, plus Intel XScale® processor enable easy integration of wide range of third-party applications to maximize business operational efficiency, product service life and return of investment.

Applications

The XCRF-860 are well suited for a variety of applications including, but not limited to:

- Logistics
- Assets Tracking/ Management
- Supply Chain

Features

- ✓ Intel UHF RFID transceiver R1000 Processor and Intel XScale® processor
- ✓ Best of class read performance
- ✓ Fast, simultaneous identification of multiple tags
- ✓ Support DRM (Dense Reader Mode)
- ✓ Advanced filtering techniques eliminating multi-reader and noise issues
- ✓ Windows CE operating system
- ✓ Support multiple communication protocols, including DHCP, SNTP, SNMP, NetBIOS, and HTTP etc.
- ✓ Optimized for large scale RFID deployment
- ✓ Direct application hosting
- ✓ Firmware upgrade
- ✓ Built-in real time clock for data verification and data collection applications
- ✓ Compatible with USB and SD card; Support Wi-Fi, GPRS and Bluetooth (optional)
- ✓ Flexible options accommodating different cost and functionality requirement
- ✓ Support USB, RS-232 and Ethernet interfaces, of which drivers are provided by the user

Product Specifications

Invengo RFID Reader XCRF-860 (Enhanced Edition)

Physical Characteristics

Dimensions	300×210×70mm (11.8×8.3×2.8in.)
Weight	2.8Kg (6.2lbs)
Casing	Metal

User Environment

Operating temperature	-20℃ to 55℃ (-4℉ to 131℉)
Storage temperature	-30℃ to 75℃ (-22℉ to 167℉)
Humidity	20-95%

Performance Specifications

RF air protocol	ISO18000-6C / EPC C1G2
Operating frequency	902-928 MHz / 920-925 MHz
Antenna port	4 SMA type
Comm. interface	RS-232(2), USB(2)10/100 Ethernet
Wireless comm. interface	Wi-Fi, GPRS, Bluetooth (Optional)
IO interface	2-channel optoelectronic isolation input; 4-channel optoelectronic isolation relay output
Upgrade	Firmware
Read distance	Up to 10m/32.8ft (antenna & tag dependent)
Operating system	Windows CE
API compatibility	Compatible with XCRF-800 API, extendable
Software	Demo software, API, application library, embedded application program development kit

About Invengo

Incorporated in 1999, Invengo Information Technology Co., Ltd. is a leading vendor of UHF RFID technology and products in China. Invengo (stock Code: 002161) is a listed company in SZ Stock Exchange, China.

Invengo lineup consists of 6 series and more than 60 models of RFID products, including tag, reader, antenna and spin-off products. Invengo has been successfully providing RFID solutions and service to various sectors: railway/transportation, warehouse management, intelligent traffic/ETC, logistics and supply chain, assets tracking and management, etc. Its manufacturing facility provides high volume low cost labels.

Based in Shenzhen China, Invengo also runs its offices in US Virginia and Singapore.

Contact us

Corporate Headquarters
3/F, Bldg.T2-B, High-tech Park South,
Shenzhen, Guangdong 518057 China
Tel: (86) 755 26525585
Fax: (86) 755 26525277
intl@invengo.cn

Invengo Technology Corp. (USA)
12801 Worldgate Drive, Suite 500
Herndon, VA 20170, USA
Tel: (1) 703 793 0085
Fax: (1) 703 871 3901
sales@invengo.com

Singapore Office
31 International Business Park #03-03,
Creative Resource, SG 609921
Tel: (65) 67960366
Fax: (65) 67960364
singapore@invengo.cn

ⓒ Invengo