



Features

- ✓ Operating frequency
902-928MHz/920-925MHz
- ✓ Multi-protocol operation: ISO
18000-6c & 6b standards; EPC
UHF Gen 2
- ✓ Dual mode: bar code scanning
& RFID
- ✓ Superior read rates; enhanced
read ranges
- ✓ Microsoft Windows CE® 5.0
direct application hosting
- ✓ Intel XScale® PXA270
processor at 520MHz
- ✓ Enhanced ergonomics reduces
user fatigue
- ✓ Bluetooth configuration
- ✓ IP54 sealing rating
- ✓ Integrated battery power
- ✓ In-built, circular-polarized
antenna

Invengo XC2900

Rugged, Handheld RFID Reader

Optimized for Global Supply Chain

Overview

The Invengo XC2900 is a wireless, compact handheld RFID reader that delivers the exceptional performance, reliability and durability required for mobile data collection in extreme environments and a wide variety of working conditions.

The industry standard Intel processor XScale® PXA270, Microsoft Windows® CE 5.0 direct application hosting, up to 2GB nonvolatile storage capabilities and multiple advanced wireless data capture options ensure the complete data capture functionality and the real-time visibility to critical business applications that you can rely on.

The direct application hosting system based on Microsoft Windows® CE 5.0 provides the ability to embed a wide array of software applications, enabling the flexible data processing and management. The result is the real-time visibility into the entire supply chain to improve productivity, streamline business operation, and reduce the overall costs.

RFID and bar code labeling are increasingly evolving toward the complementary solutions. The XC2900 delivers the needed flexibility to not only read RFID, but also 1D and 2D bar codes.

In addition, the XC2900's unique construction offers the consistent performance even in harsh and hazardous environments for maximum data reliability and accuracy.

Applications

The XC2900 is well suited for a variety of applications including, but not limited to warehouse, asset management, livestock, library, access control, retailing, logistics and automated manufacturing.

Product Specifications

Invengo RFID Reader XC2900

Physical Characteristics

Dimensions	240×90×40mm (9.4×3.5×1.6in)
Weight	0.52-0.95kg (1.46-2.09lbs)
Case material	PC; ABS
LCD	3.5-inchTFD QVGA

User Environment

Operating temperature	-10°C to +50°C (14°F to 122°F)
Storage temperature	-20°C to +70°C (-4°F to 158°F)
Humidity	20-90%, non-condensing

Performance Specifications

Operating frequency	902-928MHz/920-925MHz
Supported standard	ISO 18000-6C & 6b
Read distance	Up to 3.5m (11.5ft)
Write distance	Up to 1.5m (4.9ft)
Operation system	Windows® CE 5.0
Comm. interface	USB Host; USB slave
Wireless configuration	Wi-Fi; GPRS; Bluetooth (optional)
Barcode scanning	1D & 2D barcode module (optional)
Antenna polarization	Circular
Storage Capability	1 GB/2 GB(optional) Micro SD
Operation duration	Up to 8hrs
Standby time	Up to 168hrs
Sealing rating	IP54
Power adaptor	DC 5V
Complementary software	Demo software; API; example program(s)
In-built battery	5400mAh

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.

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