Shenzhen RodinBell Technology Co., LTD

Committed to the development and sales of industrial and commercial smart devices as well as solutions
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I Company Profile
1. Company Profile

1.1 Origin of RodinBell’s Name

RodinBell is a combination of the names of an excellent artist and a great scientist, which also represents the attitude and faith, the pursuit of the perfection and the hope to make every item as a combination of science and art for all RodinBell’s products.

Auguste Rodin
French sculptor
To a large extent, he presents his work in texture and shape, with great care and influence, whom is considered to be the greatest sculptor of reality in the 19th and early 20th centuries. Rodin’s pioneer status in the history of European sculpture is like that of the poet Dante’s in the history of European literature. And Rodin, together with his two students Mayol and Buder, are known as the “three pillars” of European sculpture. He is worthy of being a great sculptor.

Alexander Graham Bell
He was patented the world’s first working telephone and founded the Bell telephone company (the predecessor of AT&T).
RodinBell concentrates on development, design and innovation, and pursues independent intellectual property rights. The company’s R&D team consists of first-rate artists and engineers, which has more than 20 years of rich experience in the fields of microwave communication, embedded operating system, industrial design, and large-scale application software development.

1.2 Research Field

Microwave Communication

Microwave communication is the communication based on the electromagnetic waves with wavelength of 0.1mm to 1m, of which corresponding frequency is 300 MHz (0.3 GHz) ~3THz. Compared with the modern communication network transmission methods, such as coaxial cable communication, fiber-optic communication and satellite communication etc., microwave communication uses microwave as the communication medium directly, not depending on the solid media.

Embedded Operating System

Embedded operating system (EOS) is the operating system used in embedded systems. Embedded operating system is a widely used system software, usually including the hardware related underlying driver software, system kernel, device driver interface, communication protocol, graphics interface, standardized browser, etc.

Industrial Design

Industrial design is also known as industrial product design science. Industrial design involves psychology, sociology, aesthetics, ergonomics, mechanical construction, photography, color science, etc.

Large-scale Application Software Development

Application software development refers to the software development mainly used for business and life, which is written by the high-level programming languages, such as C#, java, c++, vb, etc.
Over many years’ attentive efforts, many high-end products have been developed which have formed many series of products. It has achieved international level in respect of products performance, reliability and design. RodinBell has become the leader in the field of embedded smart device and a strong competitor in the area of imported equipment. At present, our products have been widely used in logistics, retailing, highway, railway, education, tobacco, finance, colliery, port, security, lottery and industry site around domestic and international markets.

1.3 Application Range

Over many years’ attentive efforts, many high-end products have been developed which have formed many series of products. It has achieved international level in respect of products performance, reliability and design. RodinBell has become the leader in the field of embedded smart device and a strong competitor in the area of imported equipment. At present, our products have been widely used in logistics, retailing, highway, railway, education, tobacco, finance, colliery, port, security, lottery and industry site around domestic and international markets.

1.4 Our Mission

RodinBell is committed to providing all customers with high level of core product and service for sake of automation, intelligence and informatization. We will continue to concentrate on R&D and design.
II Development History
2.1 Company History

- **2010-2011**: The first one to introduce Impinj INDY R200 chip in mainland China.
- **2010**: Products began mass supply after being verified.
- **2011**: UHF RFID series products officially entered into market.
- **2012-2013**: Products began mass supply after being verified.
- **2012**: Formally settled in the high-end CBD Galaxy WORLD Valley, the company has expanded its scale five times and opened up a new road of R&D and innovation.
- **2013**: UHF RFID series products officially entered into market.
- **2015-2017**: The sales volume of UHF RFID products ranked TOP 3 in China. The excellent hardware design was imitated constantly by others in the industry.
- **2016**: Designated by China’s largest men’s clothing brand as the UHF module manufacturer for its RFID project.
- **2017**: Open up the new direction for industrial computers + RFID. Introducing Microsoft Dynamics 365, one of the world’s top three ERP management systems, to help RodinBell enter a new stage.
- **2018**: The sales volume of UHF RFID products ranked TOP 3 in China. The excellent hardware design was imitated constantly by others in the industry.
- **2019**: 1000+ Over 1000 global customers
- **2020**: Customers from over 60 countries are using our products

2.2 Global Customers

- **2017-2019**: UHF RFID series products officially entered into market.
- **2010-2011**: The first one to introduce Impinj INDY R200 chip in mainland China.
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- **2019**: 1000+ Over 1000 global customers
- **2020**: Customers from over 60 countries are using our products

2.3 Employees

- **2012**: 30
- **2016**: 70
- **2019**: 8
III Company Qualification
TCB

GRANT OF EQUIPMENT AUTHORIZATION

Issued Under the Authority of the Federal Communications Commission

By:
Nemko North America, INC.
303 River Road
Ottawa, Ontario, K1V 1H2
Canada

Date of Grant: 10/11/2017
Application Dated: 10/03/2017

Shenzhen RodinBell Technology Co., Ltd.
905#, Tower B, Xinghe WORLD, Wuhe Avenue,
Longgang District
Shenzhen,
China
Attention: Alex Luo

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE, and is VALID ONLY for the equipment identified hereon for use under the Commission’s Rules and Regulations listed below.

FCC IDENTIFIER:
2AKQD-ORCA-50

Name of Grantee:
Shenzhen RodinBell Technology Co., Ltd.

Equipment Class:
Part 15 Spread Spectrum Transmitter

Notes:
ORCA-50 Handheld Data Terminal

Grant Notes

FCC Rule Parts:

<table>
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<tr>
<th>Frequency Range (MHz)</th>
<th>Output Watts</th>
<th>Frequency Tolerance</th>
<th>Emission Designator</th>
</tr>
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<tbody>
<tr>
<td>15C 2402.0 - 2480.0</td>
<td>0.0048</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15C 902.5 - 927.5</td>
<td>0.9977</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Output power listed is conducted. The highest reported SAR for extremity (hand) exposure conditions is 1.42 W/kg. End-users must be informed of transmitter operating conditions for satisfying RF exposure compliance.

Shenzhen Zhongjian Nanfang Testing Co., Ltd.
Address: No. B-C, 1/F., Building 2, Laodong No.2 Industrial Park, Xixiang Road, Bao’ an District, Shenzhen, Guangdong, China
Telephone: +86 (0) 755 2311 8282, Fax: +86 (0) 755 2311 6366, Website: www.ccis-cb.com, Email: info@ccis-cb.com

VERIFICATION OF CONFORMITY

Verification No:
CCISE171105501V

Applicant:
Shenzhen RodinBell Technology Co., Ltd.

Address of Applicant:
905#, Tower B, Xinghe WORLD, Wuhe Avenue, Longgang District, Shenzhen City, PRC

Product Name:
ORCA-50 Handheld Data Terminal

Model No.:
ORCA-50

Trade Mark:
RodinBell

Based on the review of the test report in annex, this apparatus has led the requirements of the standards and material has been properly demonstrated that the requirement of the directed have been fulfilled. The product is in conformity with the section 3.1(a) the requirements of safety and health, section 3.1(b) the requirements of WEEE and section 3.2 requirements of Radio (in Directive 2014/53/EU).

The CE mark as shown above can be used, under the responsibility of the manufacturer, after completion of all EC Declaration of Conformity and compliance with all relevant EC Directives. The affixing of the CE marking presumes in addition that the conditions in all relative Directives are fulfilled.

Bruce Zhang
Laboratory Manager
06 Mar., 2018

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III Company Qualification

< Utility model patent certificate >

< CE >
IV Working Environment
IV  Working Environment

4.1 Corporate Environment

Company reception desk

Administrative office area

Leisure negotiation area
In 2016, the company was formally stationed in the Silver Lake Valley Senior CBD of Xinghe WORLD. The company's scale expanded five times, opening up a new road of R&D and innovation.
4.2 Factory Environment
V  Our Product
V Our Product

5.1 Handheld Data Terminal

Orca 50
Handheld Data Terminal

Orca 53
Handheld Data Terminal

Orca 55
Handheld Data Terminal

T-30
Back clip

Lynx 20
Handheld Data Terminal

Lynx 100
Rugged Tablet

www.rodinbell.com
5.2 UHF RFID Fixed Reader & Tags

**Spider 8000**
8-Port UHF RFID Reader

**S-8600**
4-Port UHF RFID Reader

**D-100/101**
UHF RFID Desktop Reader

**Spider 8000 Pro**
8-Port UHF RFID Reader

**S-8800**
8-Port UHF RFID Reader

**W-10**
UHF RFID Ceramic Wristband
5.3 UHF RFID Modules

- **M-2670**: UHF RFID-ANT Integrated Module
- **M-500**: Micro UHF RFID Module
- **M-540**: UHF RFID-ANT Integrated Module

5.4 Embedded Computer

- **Indy R2000 Series**: UHF RFID Module
- **M-550/553**: UHF RFID-ANT Integrated Module
- **EAA-001**: Embedded Computer
Shenzhen RodinBell Technology Co., Ltd.

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