

# Global Handheld RFID Terminal Market Forecast and Analysis 2016-2021

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## Abstracts

This report provides detailed analysis of worldwide markets for Handheld RFID Terminal from 2011-2016, and provides extensive market forecasts (2016-2021) by region/country and subsectors. It covers the key technological and market trends in the Handheld RFID Terminal market and further lays out an analysis of the factors influencing the supply/demand for Handheld RFID Terminal, and the opportunities/challenges faced by industry participants. It also acts as an essential tool to companies active across the value chain and to the new entrants by enabling them to capitalize the opportunities and develop business strategies.

Radio-frequency identification (RFID) is the wireless use of electromagnetic fields to transfer data, for the purposes of automatically identifying and tracking tags attached to objects. The tags contain electronically stored information. Some tags are powered by electromagnetic induction from magnetic fields produced near the reader. Some types collect energy from the interrogating radio waves and act as a passive transponder. Other types have a local power source such as a battery and may operate at hundreds of meters from the reader. Unlike a barcode, the tag does not necessarily need to be within line of sight of the reader and may be embedded in the tracked object. RFID is one method for Automatic Identification and Data Capture (AIDC).

Handheld RFID terminals are mobile readers that can be carried and operated by users as handheld units. Handheld readers have built-in antennas and usually do not have connectors for additional antennas. They are battery-powered and are lightweight (from 82-700 g). They have shorter reading ranges than fixed readers (up to 100 m). Handheld readers are used in tracking livestock (farm animals such as pigs, sheep, goats, and cows), locating items in stores and in stock, and so on. They communicate with the host computer using wireless communication protocols and contain memory



blocks to save data. After the user finishes data capturing, it enables data transfer from the reader to a database via wired communication. Most handheld readers have the ability to call out lo a specific transponder, and even they can locate a transponder in regard to the location of the handheld RFID reader. Handheld RFID readers are also integrated with barcode scanners so that users can perform both tag and barcode identification simultaneously.

GCC's report, Global Handheld RFID Terminal Market Forecast and Analysis 2016-2021, has been prepared based on the synthesis, analysis, and interpretation of information about the global Handheld RFID Terminal market collected from specialized sources. The report covers key technological developments in the recent times and profiles leading players in the market and analyzes their key strategies. The competitive landscape section of the report provides a clear insight into the market share analysis of key industry players. The major players in the global Handheld RFID Terminal market areZebra, Honeywell, Datalogic, Casio, Denso, Bluebird, Fujian Newland.

The report provides separate comprehensive analytics for the North America, Europe, Asia-Pacific, Middle East and Africa and Rest of World. In this sector, global competitive landscape and supply/demand pattern of Handheld RFID Terminal industry has been provided.



## Contents

#### PART 1. SCOPE OF REPORT

- 1.1 Research Methodology
- 1.2 Geographic Scope
- 1.3 Years Considered

#### **PART 2. INTRODUCTION**

- 2.1 Key Findings
- 2.2 Value Chain Analysis
  - 2.2.2 Upstream
  - 2.2.3 Downstream

#### PART 3. MANUFACTURE

3.1 Manufacturing Process

3.2 Issues and Trends

#### PART 4. COST STRUCTURE

- 4.1 Bill of Materials
- 4.2 Labor Cost
- 4.3 Depreciation Cost
- 4.4 Manufacturing Cost

#### PART 5. WORLDWIDE KEY VENDORS

- 5.1 Profile
- 5.2 Financial Performance
- 5.3 Market Share Trends

#### PART 6. MARKET STATUS

- 6.1 Market Size 2015
- 6.2 Market Volume 2015
- 6.3 Competitive Landscape



#### PART 7. MARKET OVERVIEW

- 7.1 Global Production Volume 2011-2016
- 7.2 Production Volume by Region
- 7.2.1 China
- 7.2.2 North America
- 7.2.3 Europe
- 7.2.4 Asia-Pacific
- 7.2.5 Middle East & Africa
- 7.3 Global Production Value 2011-2016
- 7.4 Production Value by Region
  - 7.4.1 China
  - 7.4.2 North America
  - 7.4.3 Europe
  - 7.4.4 Asia-Pacific
  - 7.4.5 Middle East & Africa

#### PART 8. CONSUMPTION PATTERN

- 8.1 Regional Consumption
  - 8.1.1 China
  - 8.1.2 North America
  - 8.1.3 Europe
  - 8.1.4 Asia-Pacific
  - 8.1.5 Middle East & Africa
- 8.2 Global Consumption by Application

#### PART 9. MARKET FORECAST

- 9.1 Market Size Forecast
  - 9.1.1 China
  - 9.1.2 North America
  - 9.1.3 Europe
  - 9.1.4 Asia-Pacific
  - 9.1.5 Middle East & Africa
- 9.2 Regional Consumption Forecast
  - 9.2.1 China
  - 9.2.2 North America
  - 9.2.3 Europe



9.2.4 Asia-Pacific9.2.5 Middle East & Africa9.3 Consumption Forecast by Application

#### PART 10. MARKET DYNAMICS

- 10.1 Market Drivers
- 10.2 Market Constraints
- 10.3 Market Opportunities
- 10.4 Key Events

#### PART 11. INVESTMENT FEASIBILITY

- 11.1 Global Economic Highlight 2015
- 11.2 Recent Developments
- 11.3 The Updated Forecast
- 11.3.1 Advanced Economies
- 11.3.2 Emerging Market and Developing Economies
- 11.4 China Outlook 2016
- 11.5 Investment in China
  - 11.5.1 Outlook on investment
  - 11.5.2 Growth opportunities
  - 11.5.3 Policy Trends
  - 11.5.4 Conclusions
- 11.4 Feasibility of New Project
- 11.4.1 Basis and Presumptions
- 11.4.2 New Project

#### ABBREVIATIONS

#### DISCLAIMER



## **Figures & Tables**

#### FIGURES AND TABLES

Figure Global Market Size 2011-2016 Figure Chinese Market Size 2011-2016 **Table Materials Suppliers Table Equipment Suppliers** Table Applications/End-User **Table Key Customers Figure Manufacturing Process** Table Key Manufacturing Technologies Development & Trends Figure Hourly Compensation Costs in Manufacturing Figure Manufacturing Labor Costs in Select Provinces and Countries Figure Manufacturing Cost Structure Table Financial Performance 2011-2016 Figure Market Share 2011-2016 Figure Global Production 2015 Figure Global Production Value 2015 Figure Top 10 Vendors Production Share 2015 Figure Top 10 Vendors Production Value Share 2015 Figure Regional Production 2015 Figure Regional Production Value 2015 Figure Regional Consumption 2015 Table Global Key Vendors Production 2011-2016 Table Global Key Vendors Production Share 2011-2016 Figure Global Key Vendors Capacity & Production 2011-2016 Figure Global Key Vendors Capacity Utilization Figure Global Top 10 Vendors Production 2011-2016 Figure Global Top 10 Vendors Production Share Figure Chinese Production Share Trend Figure Chinese Capacity & Production **Figure Chinese Capacity Utilization** Table Chinese Consumption 2011-2016 Figure North America Production Share Trend Figure North America Capacity & Production Figure North America Capacity Utilization Figure Europe Production Share Trend Figure Europe Capacity & Production



Figure Europe Capacity Utilization Figure Europe Production Share Trend Figure Europe Capacity & Production Figure Europe Capacity Utilization Figure Middle East & Africa Production Share Trend Figure Middle East & Africa Capacity & Production Figure Middle East & Africa Capacity Utilization Figure Global Production Value, Growth Rate Table Global Key Vendors Production Value 2011-2016 Table Global Key Vendors Production Value Share 2011-2016 Figure Global Top 10 Vendors Production Value 2011-2016 Figure Top 10 Vendor Production Value Share Trend Figure Key Vendors' Price 2015 Table Global Key Vendor Gross Margin Figure Chinese Production Value, Growth Rate Figure Chinese Production Value Share Trend Figure North America Production Value, Growth Rate Figure North America Production Value Share Trend Figure Europe Production Value, Growth Rate Figure Europe Production Value Share Trend Figure Asia-Pacific Production Value, Growth Rate Figure Asia-Pacific Production Value Share Trend Figure Middle East & Africa Production Value, Growth Rate Figure Middle East & Africa Production Value Share Trend Global Consumption Volume 2011-2016 Table Regional Consumption Volume 2011-2016 Figure Regional Consumption Volume Share 2011-2016 Figure 2015 China Consumption Share, Five Years CAGR Figure 2015 North America Consumption Share, Five Years CAGR Figure 2015 Europe Consumption Share, Five Years CAGR Figure 2015 Asia-Pacific Consumption Share, Five Years CAGR Figure 2015 Middle East & Africa Consumption Share, Five Years CAGR Table Global Consumption Volume 2011-2016 Figure Global Consumption Volume 2011-2016 Table Global Consumption Volume Share 2011-2016 Figure Global Consumption Volume Share 2011-2016 Table Chinese Consumption Volume 2011-2016 Figure Chinese Consumption Volume Share 2011-2016 Table Chinese Consumption Volume Share 2011-2016



Figure Chinese Consumption Volume Share 2011-2016 Figure Global Market Size Forecast Figure China Market Size Forecast Figure North America Market Size Forecast Figure Europe Market Size Forecast Figure Asia-Pacific Market Size Forecast Figure Middle East & Africa Market Size Forecast Figure Consumption Volume 2011-2021 Table Consumption Volume 2011-2021 Table Consumption Volume Share 2011-2021 **Figure China Consumption Forecast** Figure North America Consumption Forecast Figure Europe Consumption Forecast Figure Asia-Pacific Consumption Forecast Figure Middle East & Africa Consumption Forecast Table Global Consumption Volume 2011-2021 Figure Global Consumption Volume 2011-2021 Table Global Consumption Volume Share 2011-2021 Figure Global Consumption Volume Share 2011-2021 Overview of the World Economic Outlook Projections **Preparation of Project Reports** New Investment Feasibility Analysis



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