

Global RFID Chip Playing Cards Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global RFID Chip Playing Cards market size was valued at US\$ 87.46 million in 2025 and is forecast to a readjusted size of US\$ 165 million by 2032 with a CAGR of 9.4% during review period.

In 2025, global RFID Chip Playing Cards production reached approximately 3,400 K units, with an average global market price of around 25 US\$/unit.

RFID Chip Playing Cards are specialized playing cards embedded with RFID or NFC chips and antenna structures, enabling each card to be uniquely identified by a compatible reader without visual recognition. Compared with ordinary paper or plastic playing cards, RFID chip playing cards support real-time card tracking, anti-counterfeiting, anti-cheating, automatic game recording, dealer assistance, and live broadcasting data capture. They are mainly used in casinos, poker tournaments, smart gaming tables, magic props, interactive entertainment, and high-end customized card systems.

The average single-line production capacity of RFID Chip Playing Cards is 230 K units, the average gross profit margin was 48.7%.

The industry chain of RFID chip playing cards includes upstream, midstream and downstream segments. The upstream mainly consists of RFID/NFC chip suppliers, antenna inlay suppliers, plastic film or paper substrate suppliers, printing ink, coating, adhesive, lamination materials, and security material providers. The midstream includes RFID card design, chip embedding, antenna bonding, card printing, lamination, cutting, encoding, quality testing, and deck packaging, usually handled by smart card

manufacturers, RFID tag manufacturers, casino card producers, or specialized playing card converters. The downstream covers casinos, poker clubs, gaming table system integrators, poker tournament operators, live-streaming poker platforms, magic product companies, interactive entertainment venues, and anti-cheating or game data management solution providers.

The cost structure of RFID chip playing cards is significantly higher than that of ordinary playing cards because each card requires an embedded chip and antenna. In a typical RFID poker deck, RFID/NFC chips and antenna inlays account for about 35%–45% of total cost, making them the largest cost component. Card substrate, printing, coating and lamination materials account for around 20%–25%, depending on whether paper, PVC, PET or composite plastic is used. Chip embedding, bonding, encoding, calibration and functional testing account for about 15%–20%, as yield control is critical. R&D, customization, artwork design, anti-counterfeiting design and system compatibility testing account for around 8%–12%. Packaging, logistics, quality control and after-sales support account for about 8%–10%. For casino-grade products, stricter durability, secrecy and batch consistency requirements may further increase testing and quality assurance costs.

Demand for RFID chip playing cards is mainly driven by the digitalization of casino gaming, the need for anti-cheating control, smart table adoption, live poker broadcasting, and real-time game data collection. Casinos use RFID cards to reduce card substitution risk, improve surveillance efficiency, support automatic hand history recording, and integrate with casino management systems. Poker tournaments and online content platforms also create demand because RFID cards can instantly display hole cards and game information during live broadcasts. Business opportunities are concentrated in casino-grade RFID decks, smart gaming table solutions, recurring replacement card supply, customized RFID card systems, and integration services with readers, table sensors and gaming software. Although the market is niche, it has relatively high unit value and strong customization demand, making it attractive for RFID card manufacturers and casino technology solution providers.

This report is a detailed and comprehensive analysis for global RFID Chip Playing Cards market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by RFID Frequency Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are

provided.

Key Features:

Global RFID Chip Playing Cards market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global RFID Chip Playing Cards market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global RFID Chip Playing Cards market size and forecasts, by RFID Frequency Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global RFID Chip Playing Cards market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries

- To assess the growth potential for RFID Chip Playing Cards

- To forecast future growth in each product and end-use market

- To assess competitive factors affecting the marketplace

This report profiles key players in the global RFID Chip Playing Cards market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Angel Group, Cartamundi Group, ACCUZ Industries, RFIDTag, TP-RFID, D.O RFID Group, Shenzhen Yilin IOT Technology, Shenzhen Chuangxinjia Smart Tech, Wuhan Jiaqirui Card Issuing Technology, RFIDLabel, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

RFID Chip Playing Cards market is split by RFID Frequency Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by RFID Frequency Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by RFID Frequency Type

Low-frequency RFID Playing Cards: 125?134 kHz

High-frequency RFID / NFC Playing Cards: 13.56 MHz

Ultra-high-frequency RFID Playing Cards: 860?960 MHz

Others

Market segment by Card Material Structure

Paper-based RFID Playing Cards

PVC RFID Playing Cards

PET RFID Playing Cards

Composite Plastic RFID Playing Cards

Others

Market segment by Application

Casino Gaming

Poker Tournament

Magic Performance

Interactive Entertainment

Others

Major players covered

Angel Group

Cartamundi Group

ACCUZ Industries

RFIDTag

TP-RFID

D.O RIFD Group

Shenzhen Yilin IOT Technology

Shenzhen Chuangxinjia Smart Tech

Wuhan Jiaqirui Card Issuing Technology

RFIDLabel

Shenzhen Lasso Smart IoT

Shenzhen Konglam Smartech

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe RFID Chip Playing Cards product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of RFID Chip Playing Cards, with price, sales quantity, revenue, and global market share of RFID Chip Playing Cards from 2021 to 2026.

Chapter 3, the RFID Chip Playing Cards competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the RFID Chip Playing Cards breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by RFID Frequency Type and by Application, with sales market share and growth rate by RFID Frequency Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and RFID Chip Playing Cards market forecast, by regions, by RFID Frequency Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of RFID Chip

Playing Cards.

Chapter 14 and 15, to describe RFID Chip Playing Cards sales channel, distributors, customers, research findings and conclusion.

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