

Interactive QR Packaging Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

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Abstracts

The Global Interactive QR Packaging Market was valued at USD 5.2 billion in 2024 and is estimated to grow at a CAGR of 6.8% to reach USD 9.8 billion by 2034. As smart packaging rapidly evolves from novelty to necessity, QR code technology is reshaping how consumers interact with brands. Companies are now prioritizing digital experiences that drive brand engagement and transparency. This shift is being fueled by growing consumer expectations for quick, contactless access to product details, origins, ingredients, and sustainability practices. The demand for digital content, immersive augmented reality experiences, and real-time interaction is further amplifying interest in QR-enabled packaging. Businesses are leveraging QR codes not just as a marketing tool but as a critical component of brand loyalty, traceability, and trust-building in increasingly competitive markets. In today's experience-driven economy, consumers want more than just a product—they want to connect with the brand story, and QR codes provide that gateway. With the e-commerce boom and the widespread use of smartphones and contactless payments, the interactive QR packaging trend is becoming integral to product strategy across industries.

The market is segmented into primary, secondary, and tertiary packaging, with the primary packaging segment accounting for USD 2.1 billion in 2023. Industries such as food, pharmaceuticals, and cosmetics are leading the way in integrating QR codes into their product packaging to offer real-time transparency, meet regulatory standards, and enhance consumer trust. The demand for quick, easy access to product-related content is steering brands to use QR functionalities to their full potential. Authentication and anti-counterfeiting features alone are set to comprise 24.6% of the global market in 2024, offering businesses effective tools to combat product fraud while ensuring secure and transparent consumer interactions. These smart solutions are gaining traction across

retail shelves, where the ability to verify a product's authenticity through a simple scan can make or break a purchase decision.

In the U.S., the Interactive QR Packaging Market reached a valuation of USD 1.1 billion in 2024, driven by advanced tech infrastructure, a digitally literate population, and growing awareness around product authenticity. Widespread QR code integration across healthcare, food, and retail industries is further accelerated by the rise of online shopping and evolving regulatory frameworks that demand traceability and data transparency.

Top players such as Berry Global Inc., Amcor plc, and Tetra Pak are actively shaping the market. Tetra Pak continues to innovate in traceability and QR integration to strengthen consumer confidence. Berry Global Inc. is investing in sustainable, secure packaging solutions, while Amcor plc is creating dynamic consumer experiences by combining QR codes with AR/VR features to meet rising digital engagement expectations.

Contents

CHAPTER 1 METHODOLOGY & SCOPE

- 1.1 Market scope & definitions
- 1.2 Base estimates & calculations
- 1.3 Forecast calculations
- 1.4 Data sources
 - 1.4.1 Primary
 - 1.4.2 Secondary
 - 1.4.2.1 Paid sources
 - 1.4.2.2 Public sources

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Industry synopsis, 2021-2034

CHAPTER 3 INDUSTRY INSIGHTS

- 3.1 Industry ecosystem analysis
 - 3.1.1 Factor affecting the value chain
 - 3.1.2 Profit margin analysis
 - 3.1.3 Disruptions
 - 3.1.4 Future outlook
 - 3.1.5 Manufacturers
 - 3.1.6 Distributors
- 3.2 Supplier landscape
- 3.3 Profit margin analysis
- 3.4 Key news & initiatives
- 3.5 Regulatory landscape
- 3.6 Impact forces
 - 3.6.1 Growth drivers
 - 3.6.1.1 Rising consumer demand for smart packaging
 - 3.6.1.2 Expansion of E-Commerce and contactless transactions
 - 3.6.1.3 Stringent regulatory requirements for product transparency
 - 3.6.1.4 Advancements in Augmented Reality (AR) and AI integration
 - 3.6.1.5 Sustainability and smart recycling initiatives
 - 3.6.2 Industry pitfalls & challenges
 - 3.6.2.1 Limited consumer adoption and digital literacy

- 3.6.2.2 Data privacy and security concerns
- 3.7 Growth potential analysis
- 3.8 Porter's analysis
- 3.9 PESTEL analysis

CHAPTER 4 COMPETITIVE LANDSCAPE, 2024

- 4.1 Introduction
- 4.2 Company market share analysis
- 4.3 Competitive positioning matrix
- 4.4 Strategic outlook matrix

CHAPTER 5 MARKET ESTIMATES & FORECAST, BY PACKAGING TYPE, 2021 - 2034 (USD MILLION & UNIT)

- 5.1 Key trends
- 5.2 Primary packaging
 - 5.2.1 Bottles
 - 5.2.2 Cans
 - 5.2.3 Cartons
 - 5.2.4 Pouches
 - 5.2.5 Sachets
- 5.3 Secondary packaging
 - 5.3.1 Boxes
 - 5.3.2 Trays
 - 5.3.3 Wraps
- 5.4 Tertiary packaging
 - 5.4.1 Palletized packaging
 - 5.4.2 Corrugated bulk containers

CHAPTER 6 MARKET ESTIMATES & FORECAST, BY QR CODE FUNCTIONALITY, 2021 - 2034 (USD MILLION & UNIT)

- 6.1 Key trends
- 6.2 Authentication & anti-counterfeiting
- 6.3 Product information & transparency
- 6.4 Consumer engagement & gamification
- 6.5 Loyalty programs & discounts
- 6.6 Track & trace solutions

6.7 Smart packaging with AR/VR integration

CHAPTER 7 MARKET ESTIMATES & FORECAST, BY MATERIAL TYPE, 2021 - 2034 (USD MILLION & UNIT)

7.1 Key trends

7.2 Paper & paperboard

7.3 Plastics

7.4 Glass

7.5 Metal

CHAPTER 8 MARKET ESTIMATES & FORECAST, BY TECHNOLOGY IN QR CODES, 2021 - 2034 (USD MILLION & UNIT)

8.1 Key trends

8.2 Static QR codes

8.3 Dynamic QR codes

8.4 Blockchain-based QR codes

CHAPTER 9 MARKET ESTIMATES & FORECAST, BY END USE INDUSTRY, 2021 - 2034 (USD MILLION & UNIT)

9.1 Key trends

9.2 Industrial

9.3 Automotive

9.4 Food & beverages

9.5 Healthcare

9.6 Electronics

9.7 Others

CHAPTER 10 MARKET ESTIMATES & FORECAST, BY REGION, 2021 - 2034 (USD MILLION & UNIT)

10.1 Key trends

10.2 North America

10.2.1 U.S.

10.2.2 Canada

10.3 Europe

10.3.1 UK

- 10.3.2 Germany
- 10.3.3 France
- 10.3.4 Italy
- 10.3.5 Spain
- 10.3.6 Russia
- 10.4 Asia Pacific
 - 10.4.1 China
 - 10.4.2 India
 - 10.4.3 Japan
 - 10.4.4 South Korea
 - 10.4.5 Australia
- 10.5 Latin America
 - 10.5.1 Brazil
 - 10.5.2 Mexico
- 10.6 MEA
 - 10.6.1 South Africa
 - 10.6.2 Saudi Arabia
 - 10.6.3 UAE

CHAPTER 11 COMPANY PROFILES

- 11.1 3M
- 11.2 Amcor plc
- 11.3 Avery Dennison Corporation
- 11.4 Ball Corporation
- 11.5 Berry Global Inc.
- 11.6 Constantia Flexibles
- 11.7 DingDoong
- 11.8 Emerson Electric Co.
- 11.9 Huhtamaki Oyj
- 11.10 International Paper
- 11.11 Mondi
- 11.12 Polymerall
- 11.13 R.R. Donnelley & Sons Company
- 11.14 Scantrust
- 11.15 Sealed Air
- 11.16 Tetra Pak
- 11.17 Toppan
- 11.18 WestRock Company

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