

Chipless RFID Market Poised for Growth: Key Trends and Projections Through 2027

Chipless RFID Market Expected to Reach \$4,744.0 million by 2027

WILMINGTON, DE, UNITED STATES,
November 18, 2024 /

EINPresswire.com/ -- Allied Market Research, titled, "[Chipless RFID Market](#) by Product Type, Frequency, Application, and End User: Opportunity Analysis and Industry Forecast, 2020–2027", the global Chipless RFID industry size was valued at \$903.3 million in 2019, and projected to reach \$4,744.0 million by 2027, registering a CAGR of 23.1%. Asia-Pacific region is expected to be the leading contributor to the global Chipless RFID market during the forecast period, followed by Europe and North America.



□□□□□□□□ □□□□□□□□ □□□□□□ □□□□□□ & □□□: <https://www.alliedmarketresearch.com/request-sample/5932>

“

Factors such as high accuracy, low manufacturing cost, and providing more functions as compared to other alternatives drive the growth of the chipless RFID market.”

Allied Market Research

A Chipless RFID system is equipped with a planar encoder (characteristically a printed pattern containing the ID code) & an antenna for communication with the reader. Due to low-cost conductive inks, the cost of the tag can be significantly reduced. The chipless RFID system has benefits over conventional sensors due to its lower radiated power, lower cost, robustness, and longer storage life. Alternatively, a chipless RFID system provides identification data & monitors several physical parameters

of tagged items without having an active sensor in the circuitry. A chipless RFID tag is also used as a chipless RFID sensor in offering low-priced sensors for realizing the universal networks required by the IoT paradigm. A chipless RFID sensor is mainly used for the detection of CO₂.

The global chipless RFID market is anticipated to witness significant growth throughout the

forecast. Factors such as high accuracy, low manufacturing cost, and providing more functions as compared to other alternatives drive the growth of the global market. However, initially high capital investment is a major restraint to the global chipless RFID industry. In addition, the growing shift of retailers toward chipless RFID is expected to create opportunities for the global industry.

Moreover, economically developed nations tend to witness high penetration of chipless RFID technology in various retail segments. Factors such as the growing manufacturing sector, and incentives in the Union Budget worldwide owing to covid-19 pandemic contribute toward the [chipless RFID market growth](#) in the coming years.

For more information, contact our sales team at sales@alliedmarketresearch.com:

<https://www.alliedmarketresearch.com/request-for-customization/5932>

For more information, contact our sales team at:

The Chipless RFID industry's key market players adopt various strategies such as product launch, product development, collaboration, partnership, and agreements to influence the market. It includes details about the key players in the market's strengths, product portfolio, market size and share analysis, operational results, and market positioning.

Some of the key players in the market are:

Checkpoint Systems, Inc.
Alien Technology
iDTRONIC GmbH
NXP Semiconductors
HONEYWELL INTERNATIONAL INC.
AVERY DENNISON CORPORATION
INVENGU TECHNOLOGY PTE. LTD.
ZEBRA TECHNOLOGIES CORP.
APPLIED WIRELESS IDENTIFICATIONS GROUP, INC.
IMPINJ, INC.

The global chipless RFID market share is segmented into product type, frequency, application, end user, and region. By product type, the market is segmented into tag, and reader. The frequency segment is divided into low frequency, high frequency, and ultrahigh frequency. By application, the market is fragmented into smart cards, smart tickets, and others. Depending on the end-user, the market is segregated into retail, healthcare, logistics and transportation, BFSI, and others.

Region-wise, the [chipless RFID market trends](#) have been analyzed across North America, Europe, Asia-Pacific, and LAMEA. North America contributed the maximum revenue in 2019. However,

between 2019 and 2027, the market in Asia-Pacific is expected to grow at a faster rate as compared to other regions. This is attributed to an increase in investment from emerging economic countries such as China, Japan, and South Korea.

COVID-19 has impacted severely the global electronics and semiconductor sector, due to which production facilities have stalled which in turn has significant demand in the industries. The operations of the production and manufacturing industries have been heavily impacted by the outbreak of the COVID-19 disease; thereby, leading to a slowdown in the growth of the chipless RFID market in 2020.

For more information, please contact: <https://www.alliedmarketresearch.com/purchase-enquiry/5932>

Key findings of the report include:

- The transport & logistics segment is projected to be the major application over the forecast period followed by retail. The rising public transit industry is anticipated to drive demand in the future.
- APAC and North America collectively accounted for more than 56% of the chipless RFID market share in 2019.
- India is anticipated to witness the highest growth rate during the forecast period.
- The U.S. was the major shareholder in the North America chipless RFID market, accounting for approximately 59% share in 2019.

Key highlights:

Allied Market Research is a top provider of market intelligence that offers reports from leading technology publishers. Our in-depth market assessments in our research reports consider significant technological advancements in the sector. In addition to other areas of expertise, AMR focuses on analyzing high-tech and advanced production systems. We have a team of experts who compile thorough research reports and actively advise leading businesses to enhance their current procedures. Our experts have a wealth of knowledge on the topics they cover. Also, they use a variety of tools and techniques when gathering and analyzing data, including patented data sources.

David Correa

Allied Market Research

+1 800-792-5285

[email us here](#)

Visit us on social media:

[Facebook](#)

[X](#)

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2024 Newsmatics Inc. All Right Reserved.