

Distributed Antenna System Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

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Abstracts

The global distributed antenna system market size reached US\$ 11.6 Billion in 2021. Looking forward, IMARC Group expects the market to reach US\$ 22.1 Billion by 2027, exhibiting a growth rate (CAGR) of 11.3% during 2022-2027. Keeping in mind the uncertainties of COVID-19, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use industries. These insights are included in the report as a major market contributor.

A distributed antenna system (DAS) is a network of antennas that are connected to a common source and distributed throughout a building or area to improve network performance. The spacing between the antennas ensures that each antenna gives complete coverage without overlapping the other. DAS is a power-efficient solution and each antenna in the system does not require installation at a higher level as compared to its counterparts. It can transport the mobile signal at full strength to any connected remote antenna. Therefore, it is widely utilized both indoors and outdoors for providing wireless coverage in industrial as well as commercial places such as hotels, subways, airports, and roadway tunnels.

At present, the market is witnessing growth on account of the boosting sales of smartphones, laptops, and tablets. Apart from this, due to the proliferation of connected devices, in confluence with the escalating demand for extended network coverage and uninterrupted connectivity, cellular service providers are focusing on different ways to support more subscribers that are using data-intensive applications. Therefore, as part of their outdoor network plans, they are investing in DAS. Furthermore, leading market players are deploying multi-operator and -technology resources to accommodate various elements of the mobile operator's equipment. They are also increasing the

availability of hybrid active/passive DAS to expand their overall market share. Moreover, the development of smart cities is anticipated to fuel the market growth in the upcoming years as they are dependent on public Wi-Fi networks and cellular operators to offer various services, such as access to education, healthcare, infrastructure management, safety and security, traffic management, and waste and water management.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global distributed antenna system market report, along with forecasts at the global, regional and country level from 2022-2027. Our report has categorized the market based on offering, system type, coverage, technology and end-use.

Breakup by Offering:

- Components
- Services

Breakup by System Type:

- Active
- Passive
- Digital
- Hybrid

Breakup by Coverage:

- Indoor
- Outdoor

Breakup by Technology:

- Carrier Wi-Fi
- Small Cells
- Self-Organizing Network
- Others

Breakup by End-Use:

Manufacturing
Healthcare
Government
Transportation
Hospitality
Public Venues
Education
Telecommunication
Others

Breakup by Region:

North America
United States
Canada
Asia Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the

key players being American Tower Corporation, Boingo Wireless Inc., Cobham Wireless, Comba Telecom Systems Holdings, CommScope Inc., Corning Incorporated, Dali Wireless Inc., TE Connectivity, Westell Technologies Inc., Zinwave (McWane Inc.), etc.

Key Questions Answered in This Report:

How has the global distributed antenna system market performed so far and how will it perform in the coming years?

What are the key regional markets?

What has been the impact of COVID-19 on the global distributed antenna system market?

What is the breakup of the market based on the offering?

What is the breakup of the market based on the system type?

What is the breakup of the market based on the coverage?

What is the breakup of the market based on the technology?

What is the breakup of the market based on the end-use?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global distributed antenna system market and who are the key players?

What is the degree of competition in the industry?

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